

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140387.D
 Acq On : 15 Nov 2024 02:16
 Operator : RC/JU
 Sample : P4798-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140387.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	21	rVB	823854	1301976	38.05%	3.003%
2	2.257	22	28	40	rVB	40823	73036	2.13%	0.168%
3	3.963	307	318	332	rVB	46177	83754	2.45%	0.193%
4	5.093	505	510	518	rVB	140846	200271	5.85%	0.462%
5	5.475	568	575	577	rBV	37862	57696	1.69%	0.133%
6	5.516	577	582	595	rVB	1683058	2203219	64.38%	5.081%
7	5.728	614	618	625	rVB2	28898	43072	1.26%	0.099%
8	5.893	640	646	651	rBV3	24928	36081	1.05%	0.083%
9	6.404	729	733	736	rBV2	27604	36308	1.06%	0.084%
10	6.522	748	753	766	rVB	1639415	2260587	66.06%	5.213%
11	6.704	779	784	798	rBV2	58327	89650	2.62%	0.207%
12	6.875	808	813	819	rVB	579729	723816	21.15%	1.669%
13	6.934	819	823	829	rBV4	28859	52720	1.54%	0.122%
14	7.145	852	859	863	rBV3	31134	51495	1.50%	0.119%
15	7.192	863	867	874	rVB2	30385	53672	1.57%	0.124%
16	7.269	874	880	883	rBV4	21218	38275	1.12%	0.088%
17	7.434	898	908	917	rBV	1079800	1535624	44.87%	3.541%
18	7.516	917	922	926	rVB4	24564	35600	1.04%	0.082%
19	7.687	946	951	956	rVB2	63195	101644	2.97%	0.234%
20	7.892	979	986	993	rBV6	47065	115162	3.37%	0.266%
21	8.157	1023	1031	1038	rBV2	700512	1215856	35.53%	2.804%
22	8.439	1075	1079	1084	rVB6	32822	56448	1.65%	0.130%
23	8.569	1098	1101	1107	rBV2	37286	46573	1.36%	0.107%
24	8.739	1126	1130	1134	rBV2	61815	75668	2.21%	0.175%
25	8.869	1148	1152	1156	rVB	140324	164777	4.82%	0.380%
26	8.969	1164	1169	1176	rVB	117824	160219	4.68%	0.369%
27	9.169	1196	1203	1208	rBV	48176	82016	2.40%	0.189%
28	9.228	1208	1213	1218	rBV	1898329	2372035	69.32%	5.470%
29	9.304	1222	1226	1229	rBV	93438	135260	3.95%	0.312%
30	9.428	1243	1247	1252	rVB	34813	51674	1.51%	0.119%
31	9.498	1254	1259	1263	rBV	81207	127046	3.71%	0.293%
32	9.569	1267	1271	1274	rVV	114498	168639	4.93%	0.389%
33	9.622	1278	1280	1287	rVB3	83237	122987	3.59%	0.284%
34	9.686	1287	1291	1296	rBV2	54228	77595	2.27%	0.179%
35	9.775	1301	1306	1310	rBV	127120	162858	4.76%	0.376%
36	9.833	1311	1316	1320	rVB	95872	137197	4.01%	0.316%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.910	1322	1329	1332	rVV	654816	879058	25.69%	2.027%
38	9.945	1332	1335	1339	rVV	304646	369442	10.80%	0.852%
39	10.016	1343	1347	1351	rVB	34414	46791	1.37%	0.108%
40	10.069	1352	1356	1359	rBV3	39827	62685	1.83%	0.145%
41	10.116	1359	1364	1368	rVV	218132	299375	8.75%	0.690%
42	10.157	1368	1371	1375	rVB3	54832	71334	2.08%	0.165%
43	10.228	1380	1383	1386	rBV	50620	74341	2.17%	0.171%
44	10.333	1394	1401	1405	rBV2	147138	251119	7.34%	0.579%
45	10.457	1418	1422	1428	rVB	248506	338413	9.89%	0.780%
46	10.551	1435	1438	1444	rVB3	89925	139783	4.08%	0.322%
47	10.622	1446	1450	1456	rVB	343490	461649	13.49%	1.065%
48	10.704	1459	1464	1469	rBV	947628	1190293	34.78%	2.745%
49	10.822	1478	1484	1491	rVB	254263	462849	13.53%	1.067%
50	11.010	1512	1516	1518	rBV2	68906	95909	2.80%	0.221%
51	11.139	1534	1538	1540	rBV3	59127	93554	2.73%	0.216%
52	11.204	1546	1549	1553	rVB	77048	93256	2.73%	0.215%
53	11.257	1554	1558	1561	rVV2	178819	258042	7.54%	0.595%
54	11.298	1561	1565	1571	rVB2	177246	278855	8.15%	0.643%
55	11.404	1578	1583	1584	rBV	624117	722094	21.10%	1.665%
56	11.427	1584	1587	1592	rVV	1564510	2003728	58.55%	4.621%
57	11.480	1592	1596	1599	rVV	448552	551370	16.11%	1.272%
58	11.639	1619	1623	1628	rBV	140342	199764	5.84%	0.461%
59	11.686	1628	1631	1636	rVB2	108483	152147	4.45%	0.351%
60	11.904	1664	1668	1669	rBV	228277	248421	7.26%	0.573%
61	11.933	1669	1673	1677	rVV2	472119	721760	21.09%	1.664%
62	11.980	1678	1681	1684	rVV	137721	185845	5.43%	0.429%
63	12.022	1684	1688	1695	rVB2	486483	850311	24.85%	1.961%
64	12.092	1697	1700	1705	rBV2	85183	135527	3.96%	0.313%
65	12.198	1715	1718	1721	rBV	159878	210168	6.14%	0.485%
66	12.457	1759	1762	1765	rBV	155940	223010	6.52%	0.514%
67	12.545	1774	1777	1782	rVB2	114329	156668	4.58%	0.361%
68	12.627	1785	1791	1796	rBV	2447812	3422024	100.00%	7.892%
69	12.851	1822	1829	1835	rBV	2032505	3332318	97.38%	7.685%
70	12.986	1846	1852	1860	rVB	1355287	2074648	60.63%	4.784%
71	13.069	1861	1866	1870	rBV2	192238	350639	10.25%	0.809%
72	13.174	1878	1884	1888	rVB2	353856	606429	17.72%	1.399%
73	13.245	1893	1896	1899	rVV	242582	271342	7.93%	0.626%
74	13.280	1899	1902	1906	rVB2	185583	232542	6.80%	0.536%
75	13.798	1987	1990	1993	rBV3	150452	219385	6.41%	0.506%
76	14.045	2026	2032	2035	rBV2	1136624	1981283	57.90%	4.569%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.080	2035	2038	2044	rVB	801095	1117545	32.66%	2.577%
78	15.110	2208	2213	2221	rBV	679087	1524156	44.54%	3.515%
79	15.415	2262	2265	2271	rVB	381657	581875	17.00%	1.342%
80	15.480	2272	2276	2282	rVB	549176	828750	24.22%	1.911%
81	15.545	2284	2287	2290	rBV	197819	267065	7.80%	0.616%
82	17.051	2539	2543	2553	rVB2	249754	474139	13.86%	1.093%

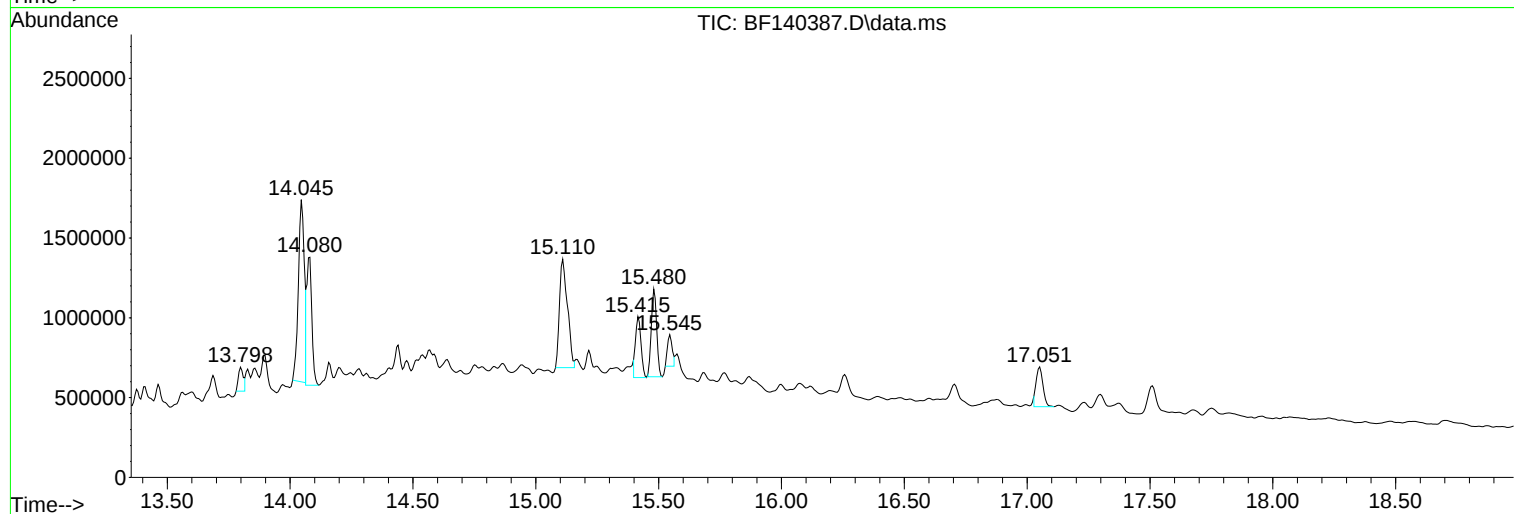
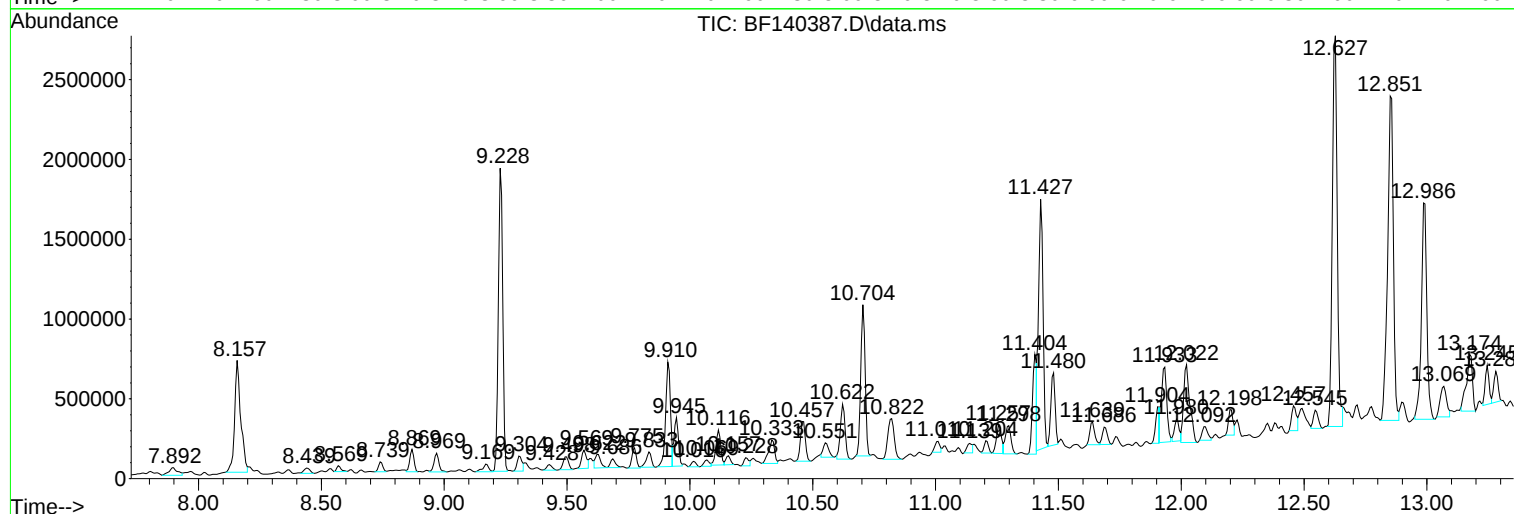
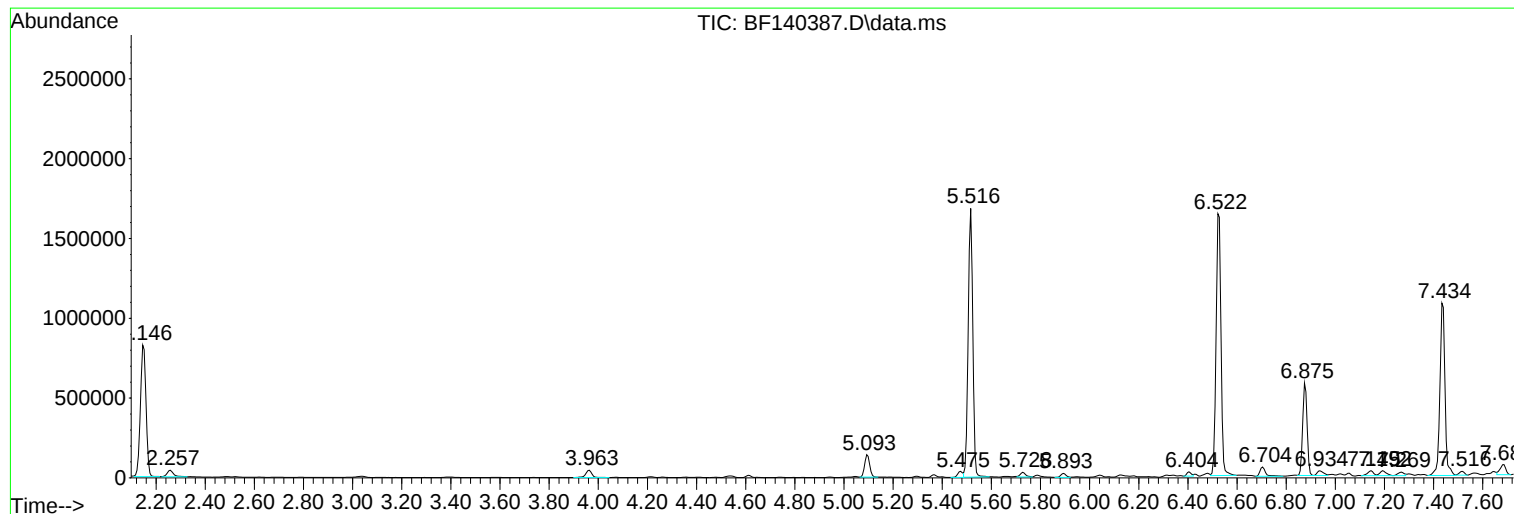
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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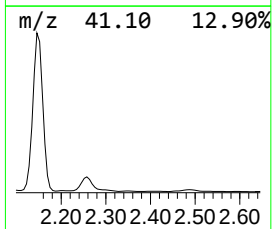
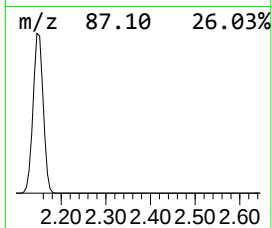
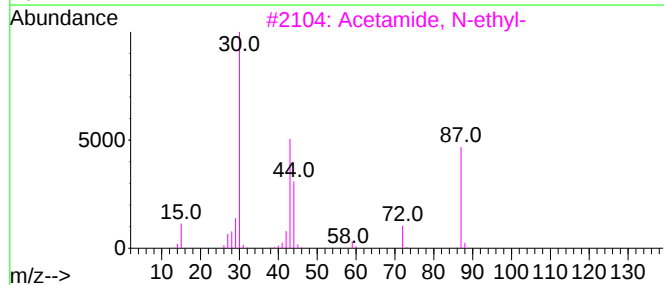
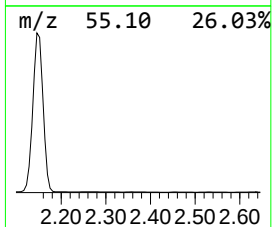
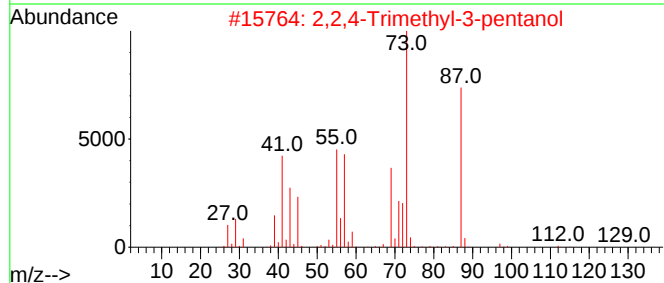
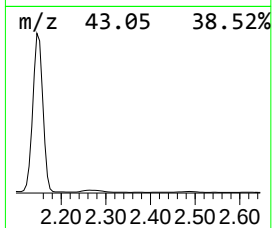
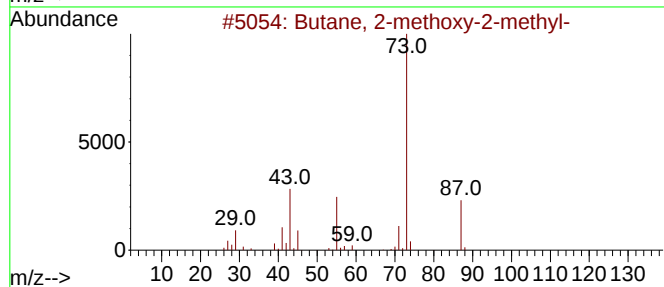
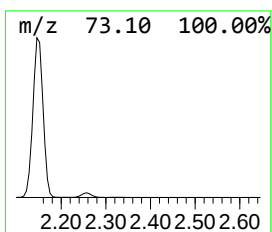
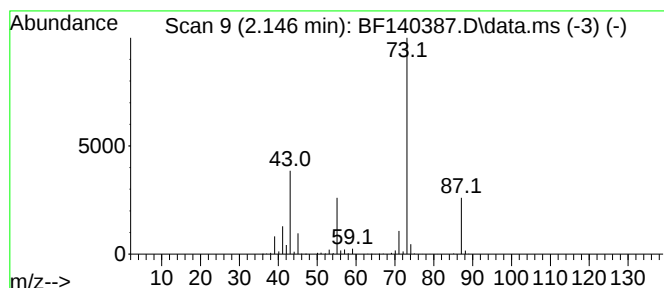
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	35.98 ng	1301980	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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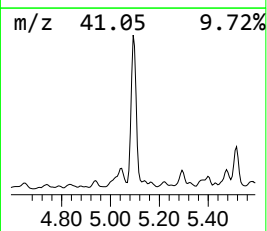
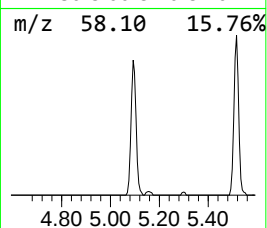
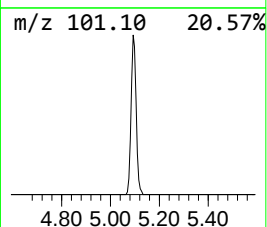
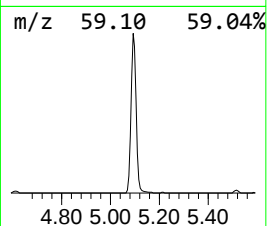
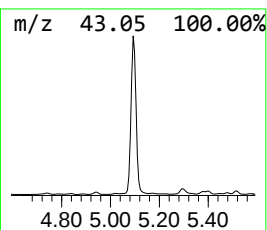
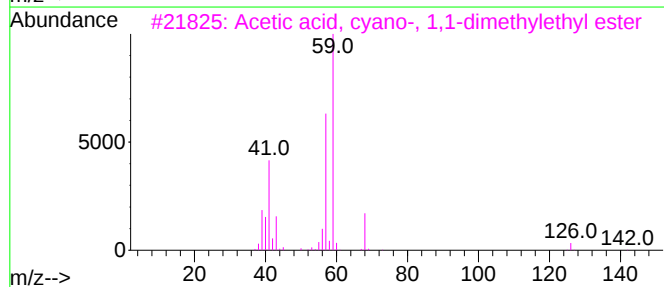
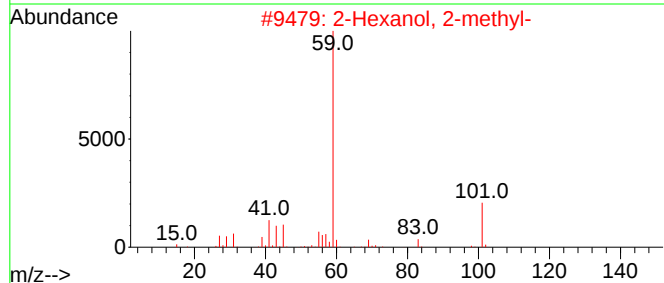
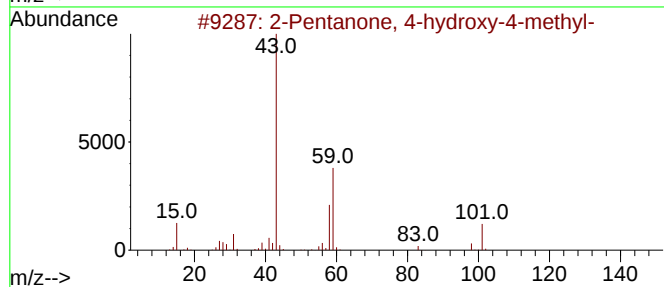
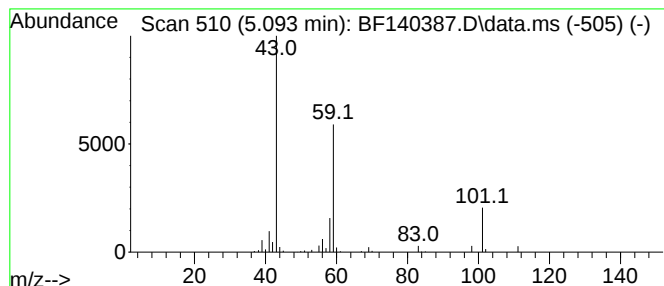
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	5.53 ng	200271	1,4-Dichlorobenzene-d4	6.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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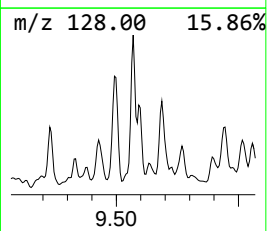
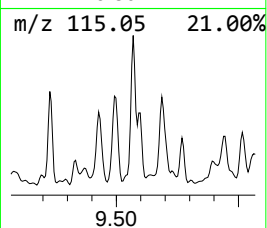
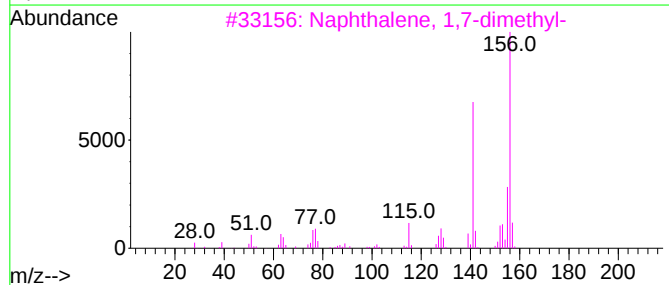
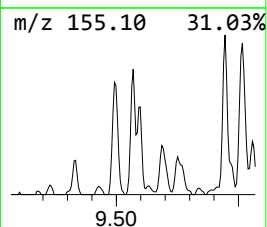
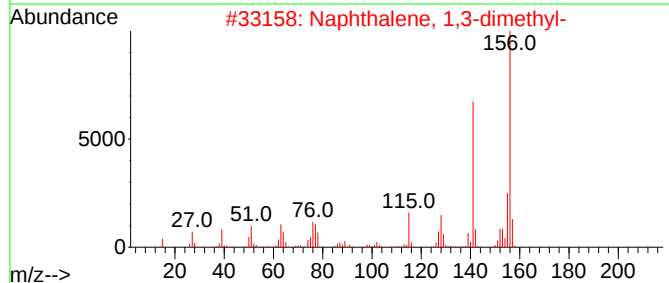
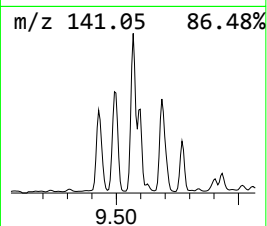
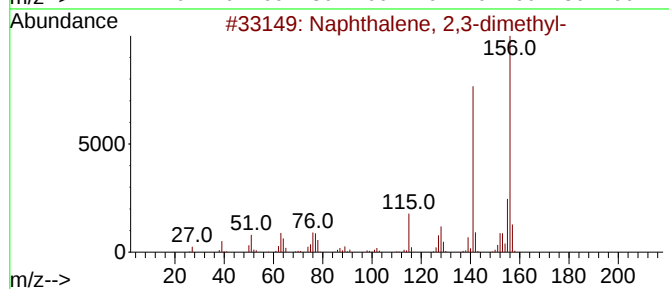
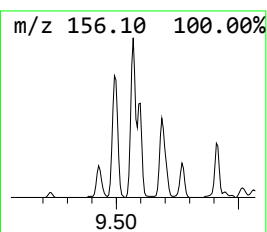
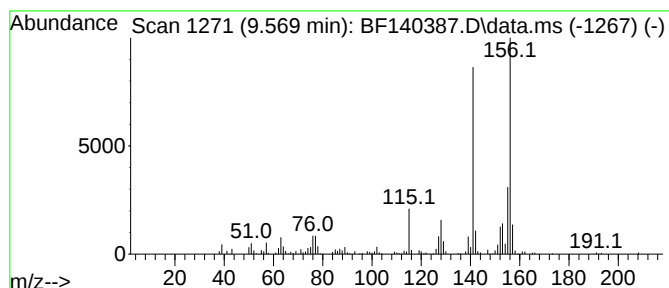
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	3.84 ng	168639	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



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ALS Vial : 23 Sample Multiplier: 1

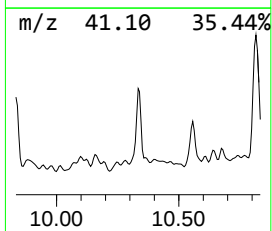
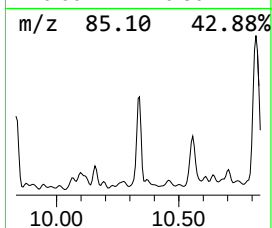
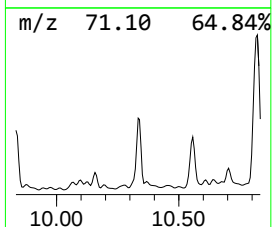
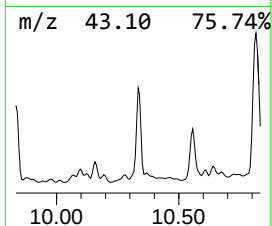
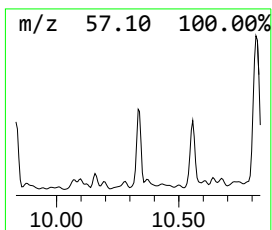
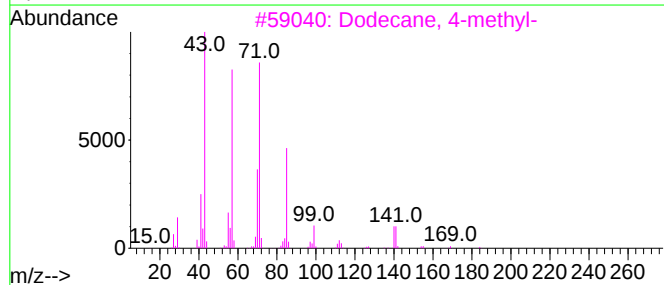
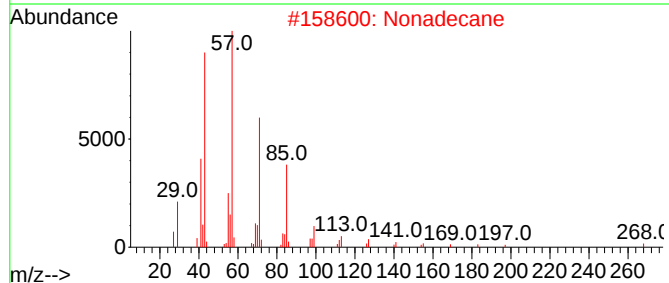
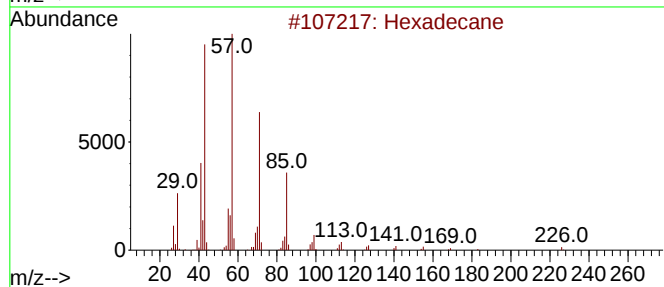
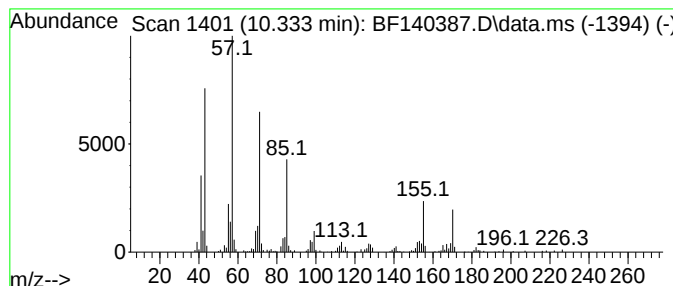
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.333	5.71 ng	251119	Acenaphthene-d10	9.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	62
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
4	Eicosane	282	C20H42	000112-95-8	58
5	Pentadecane	212	C15H32	000629-62-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140387.D
Acq On : 15 Nov 2024 02:16
Operator : RC/JU
Sample : P4798-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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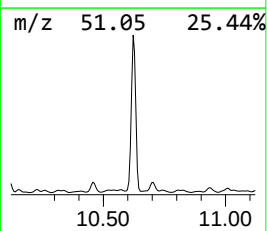
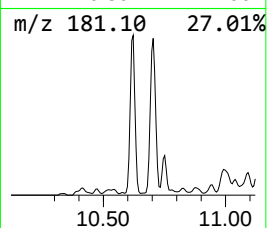
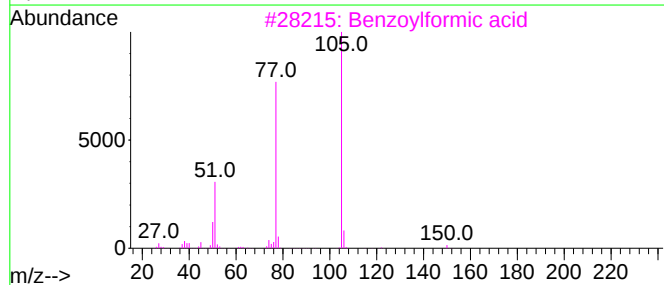
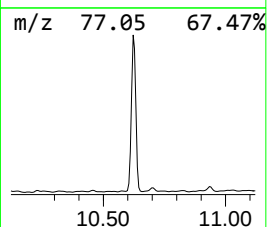
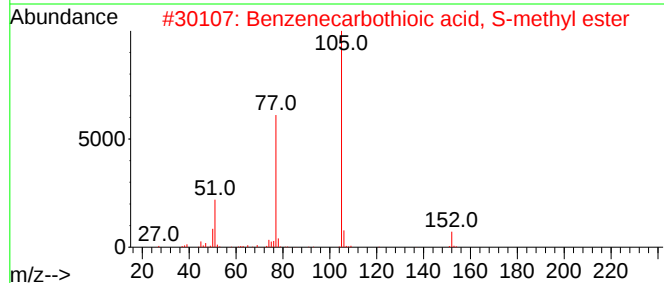
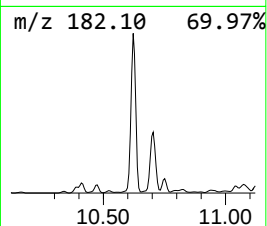
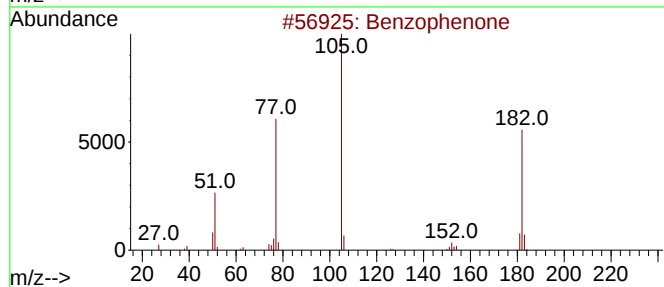
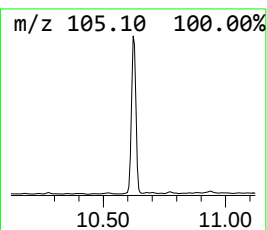
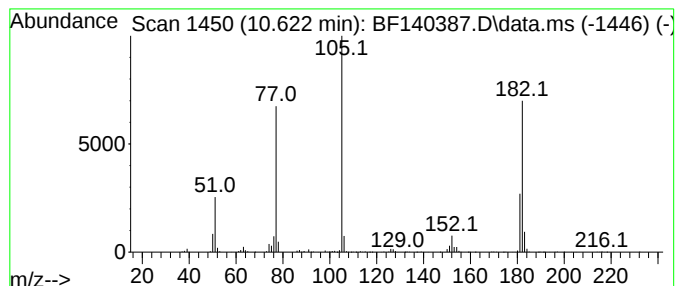
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	10.50 ng	461649	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3			Benzoylformic acid	150	C8H6O3	000611-73-4	45
4			Benzilic acid	228	C14H12O3	000076-93-7	43
5			.beta.-Benzilmonoxime	225	C14H11NO2	014090-77-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
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Acq On : 15 Nov 2024 02:16
Operator : RC/JU
Sample : P4798-01
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ALS Vial : 23 Sample Multiplier: 1

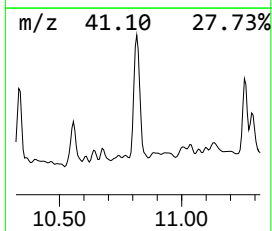
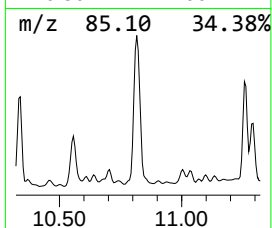
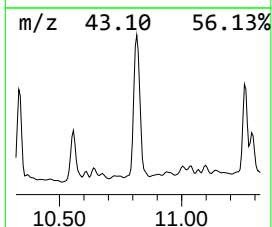
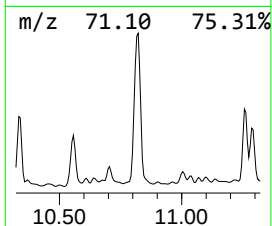
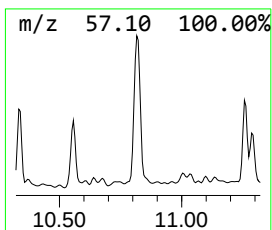
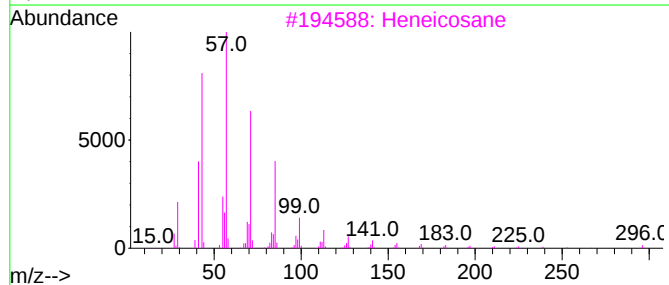
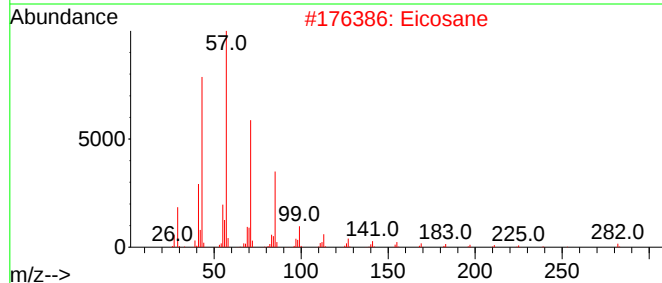
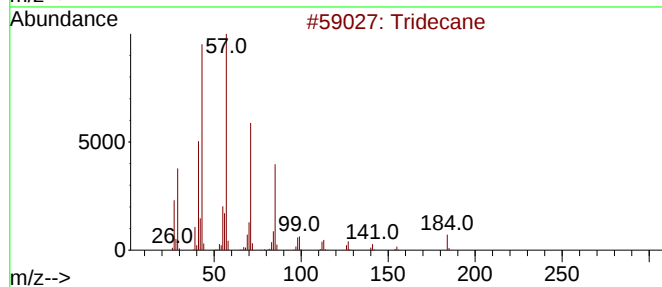
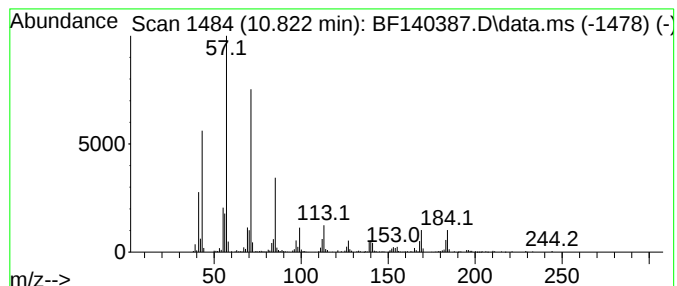
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.822	12.82 ng	462849	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	83
2	Eicosane		282	C20H42	000112-95-8	80
3	Heneicosane		296	C21H44	000629-94-7	80
4	Tridecane, 4-methyl-		198	C14H30	026730-12-1	76
5	Dodecane		170	C12H26	000112-40-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140387.D
Acq On : 15 Nov 2024 02:16
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Sample : P4798-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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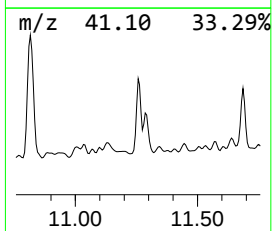
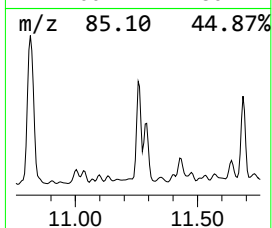
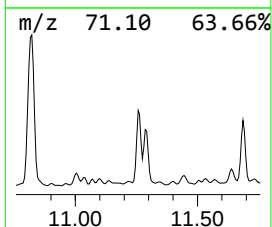
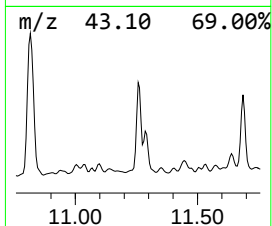
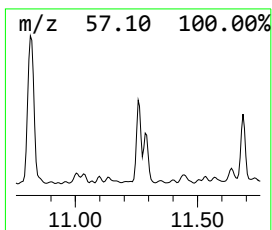
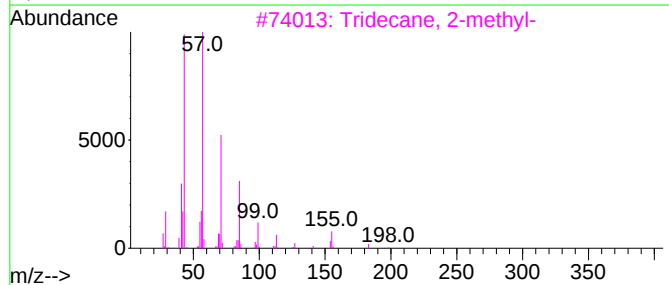
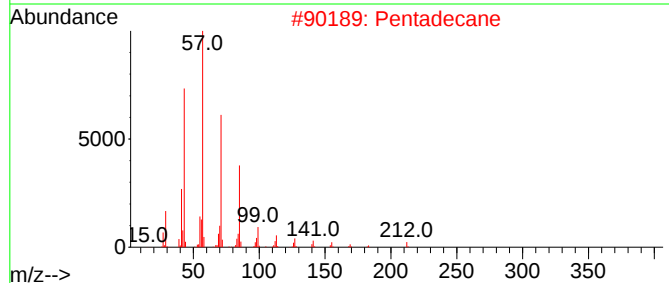
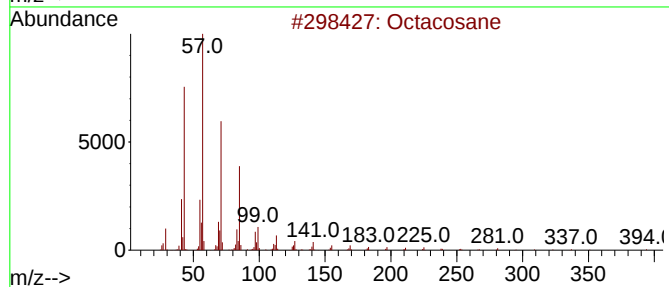
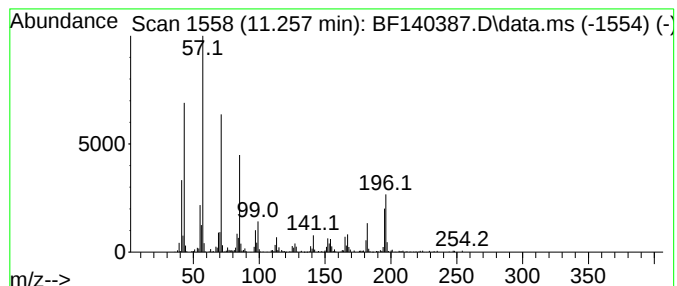
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	7.15 ng	258042	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	62
2			Pentadecane	212	C15H32	000629-62-9	53
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	53
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	52
5			Tetracosane	338	C24H50	000646-31-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140387.D
Acq On : 15 Nov 2024 02:16
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Misc :
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Instrument :
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ClientSampleId :
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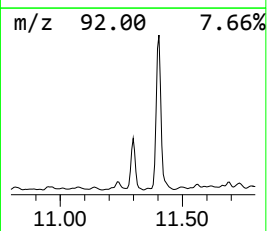
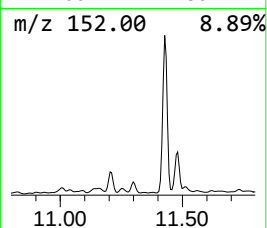
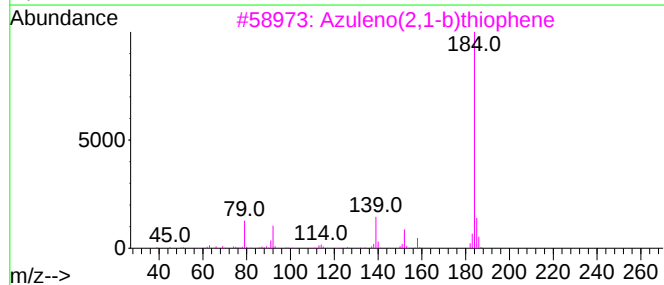
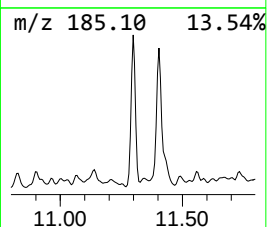
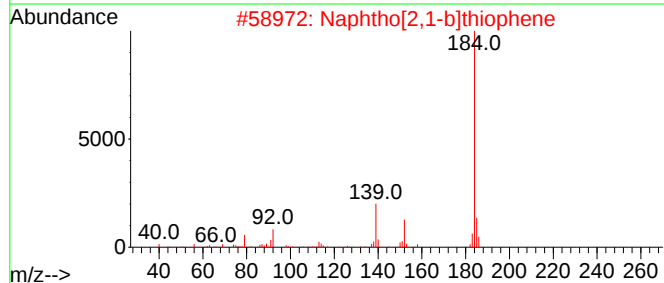
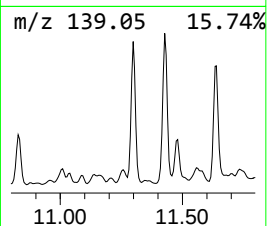
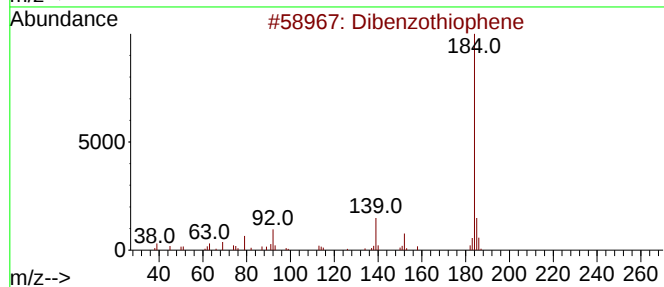
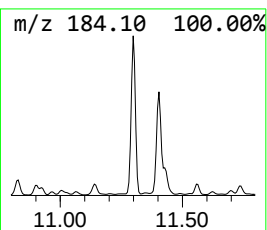
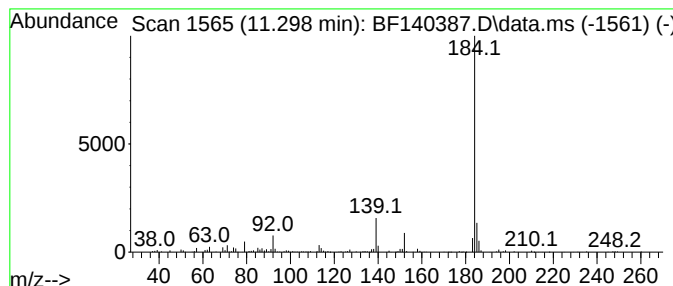
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	7.72 ng	278855	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
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Misc :
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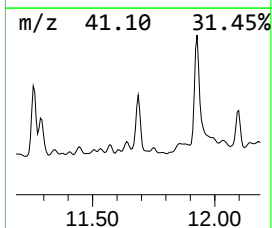
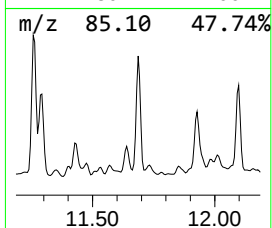
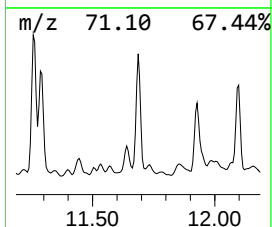
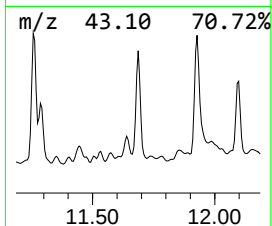
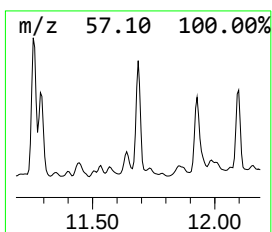
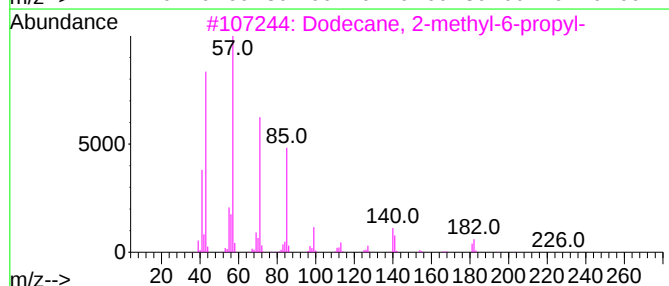
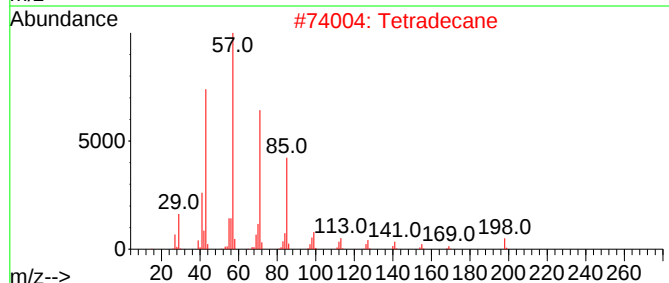
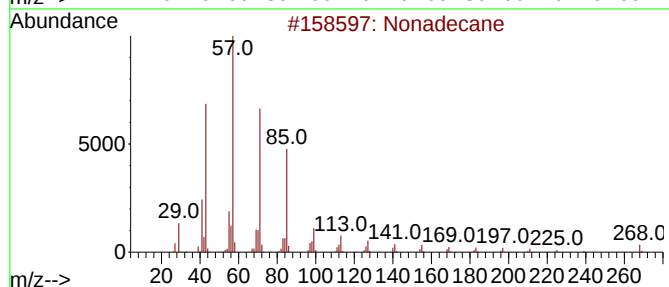
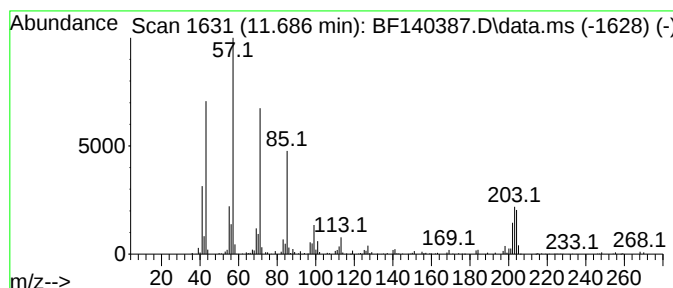
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Nonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.686	4.21 ng	152147	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetradecane	198	C14H30	000629-59-4	78
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140387.D
Acq On : 15 Nov 2024 02:16
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Sample : P4798-01
Misc :
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Instrument :
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ClientSampleId :
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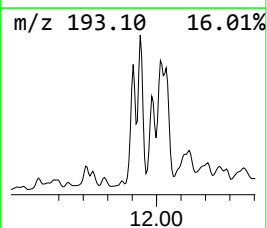
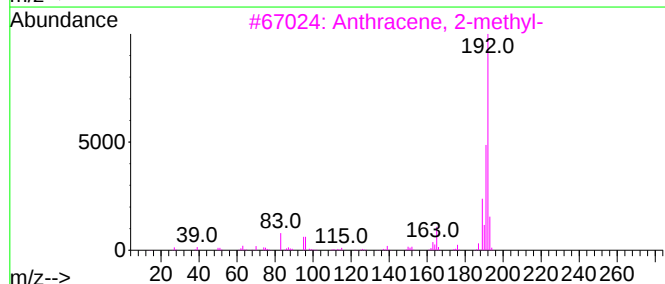
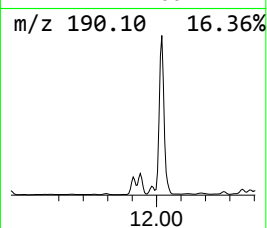
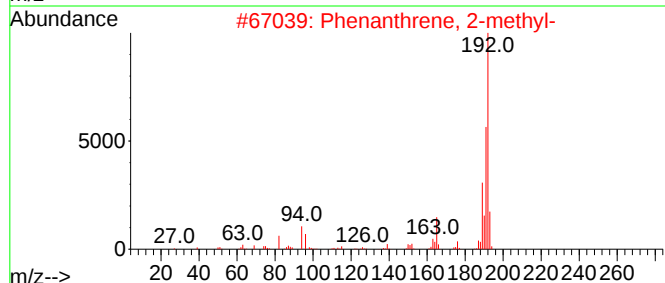
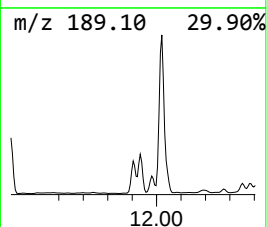
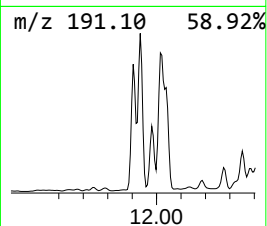
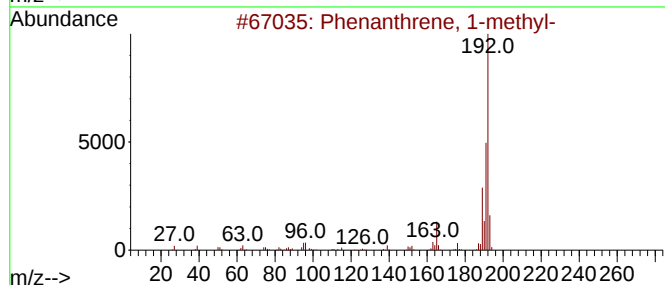
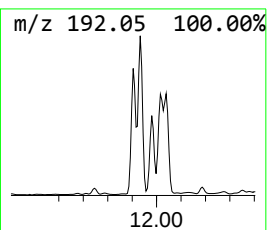
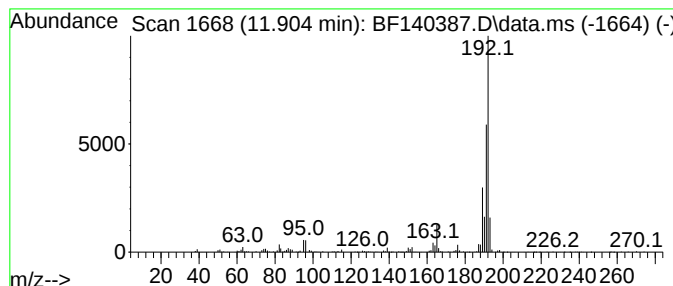
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	6.88 ng	248421	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



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Data File : BF140387.D
Acq On : 15 Nov 2024 02:16
Operator : RC/JU
Sample : P4798-01
Misc :
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ClientSampleId :
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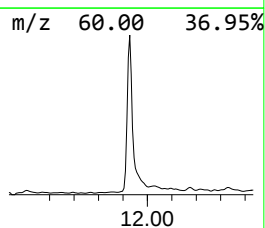
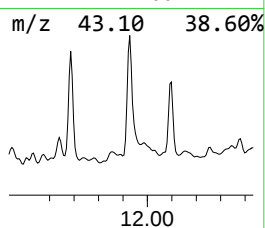
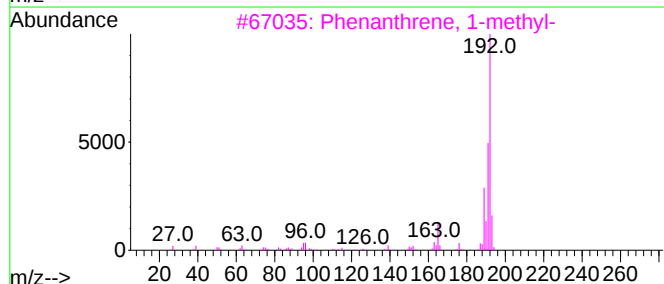
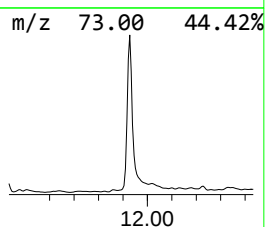
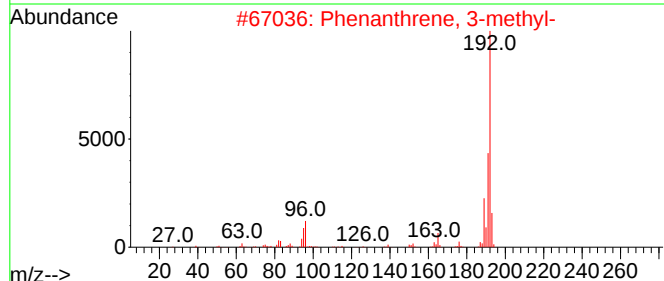
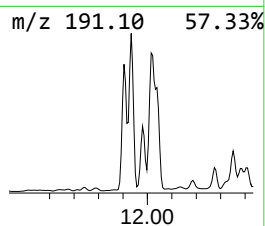
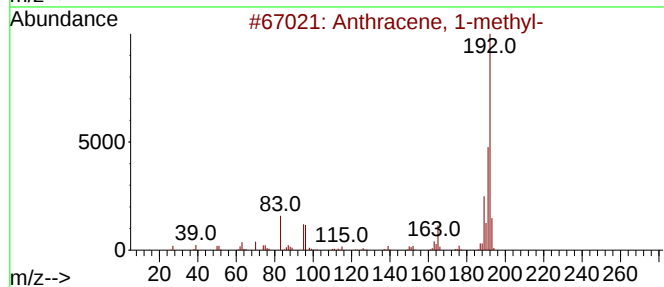
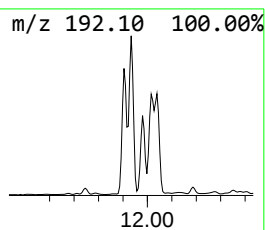
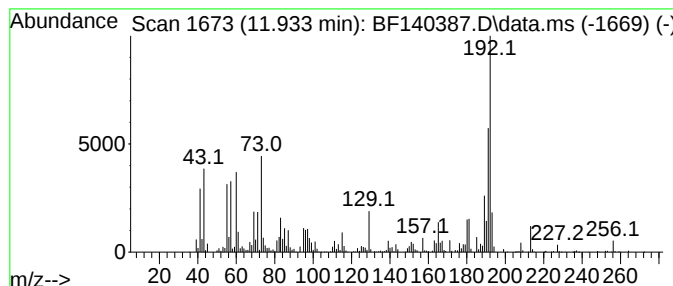
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	19.99 ng	721760	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
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Acq On : 15 Nov 2024 02:16
Operator : RC/JU
Sample : P4798-01
Misc :
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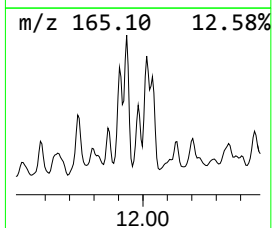
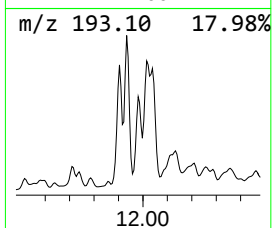
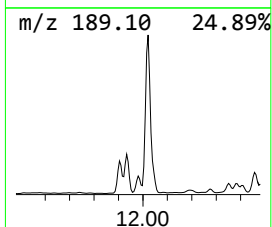
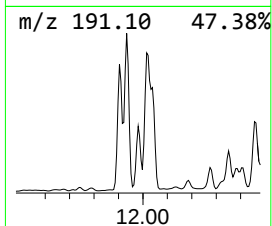
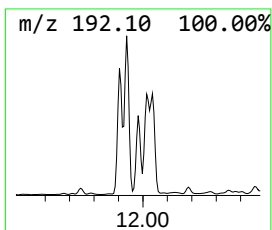
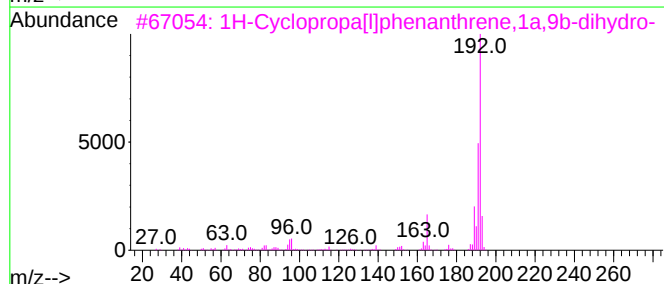
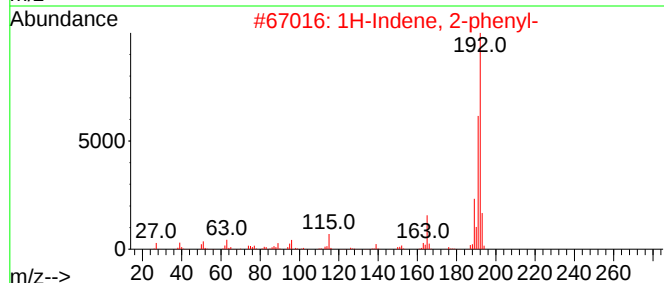
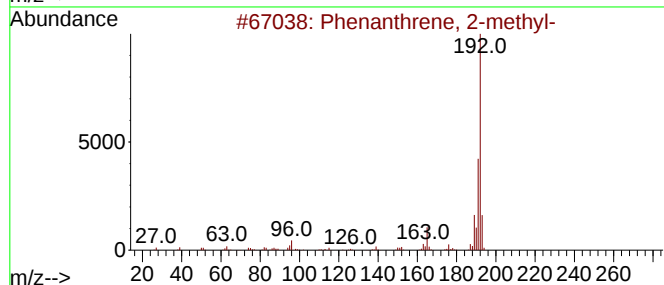
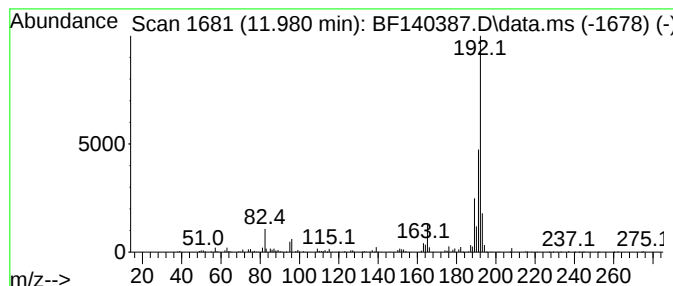
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.980	5.15 ng	185845	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140387.D
Acq On : 15 Nov 2024 02:16
Operator : RC/JU
Sample : P4798-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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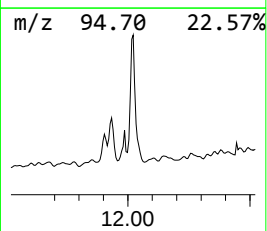
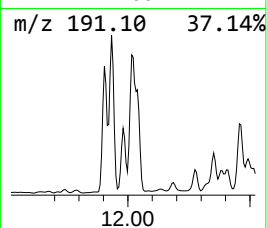
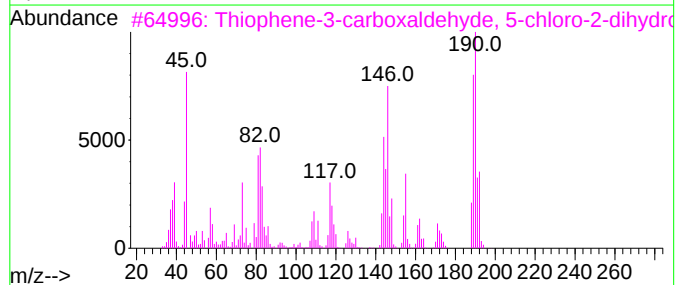
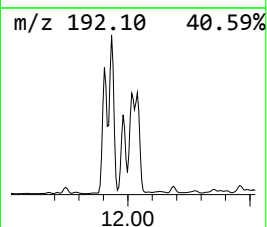
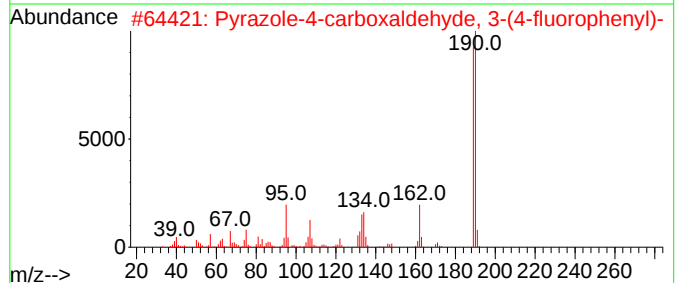
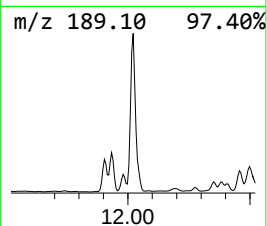
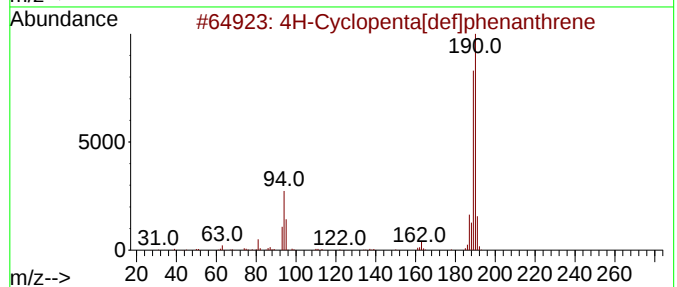
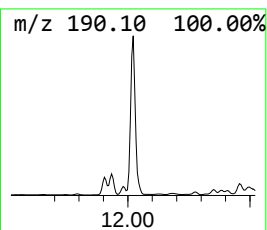
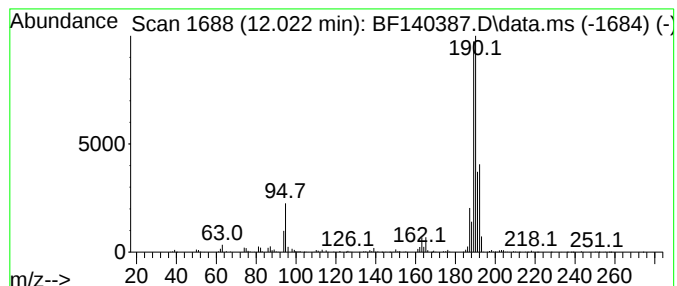
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	23.55 ng	850311	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	52
3			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5			2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140387.D
Acq On : 15 Nov 2024 02:16
Operator : RC/JU
Sample : P4798-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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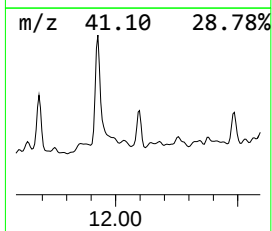
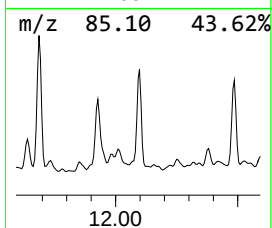
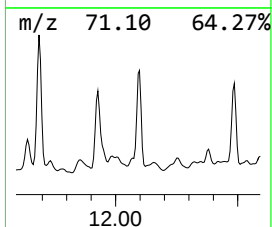
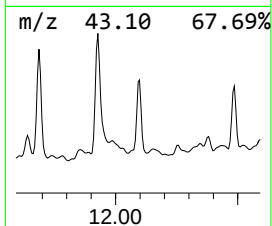
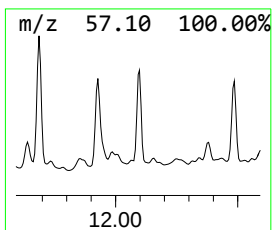
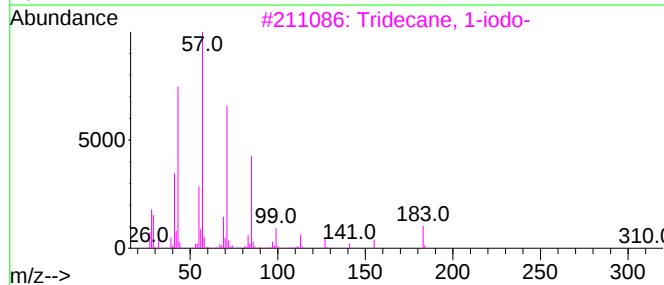
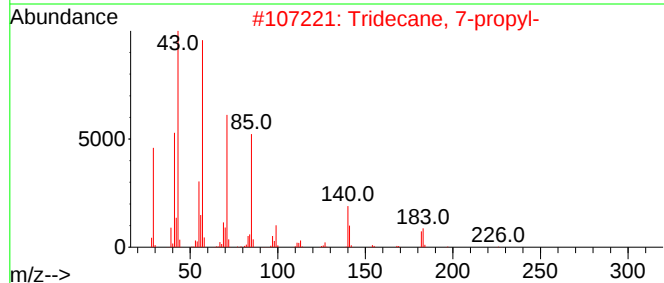
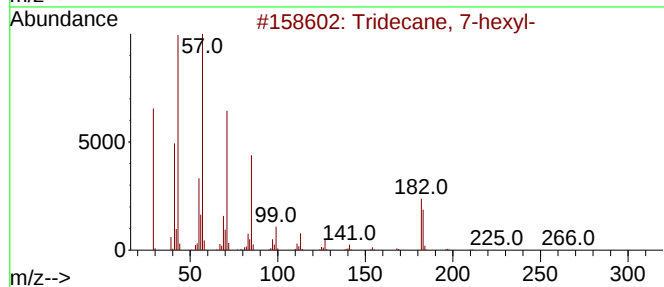
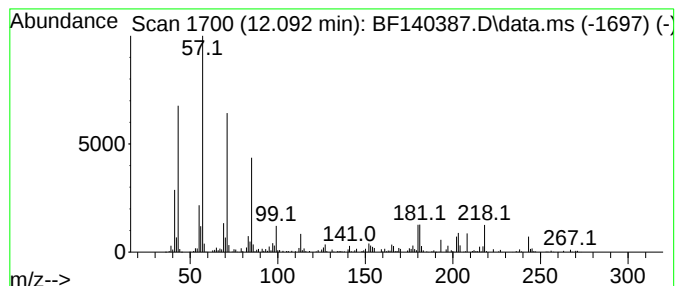
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane, 7-hexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	3.75 ng	135527	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	62
2			Tridecane, 7-propyl-	226	C16H34	055045-09-5	62
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	62
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	62
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
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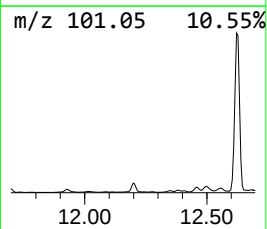
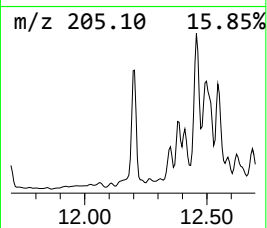
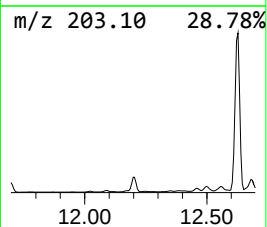
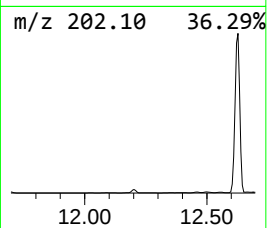
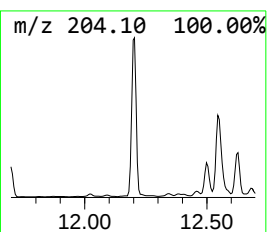
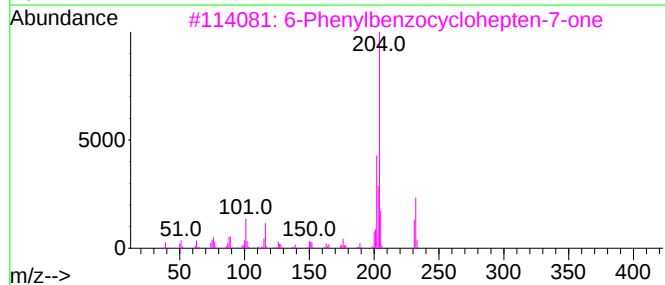
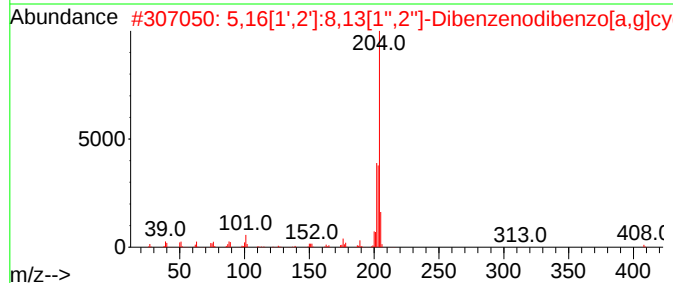
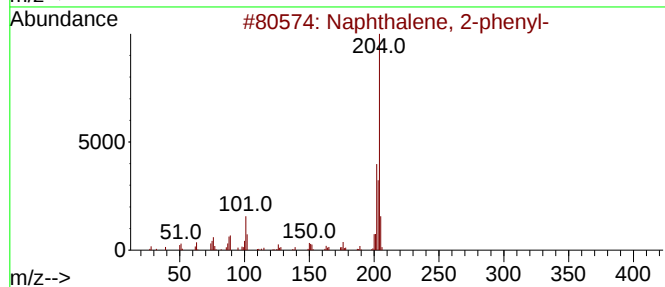
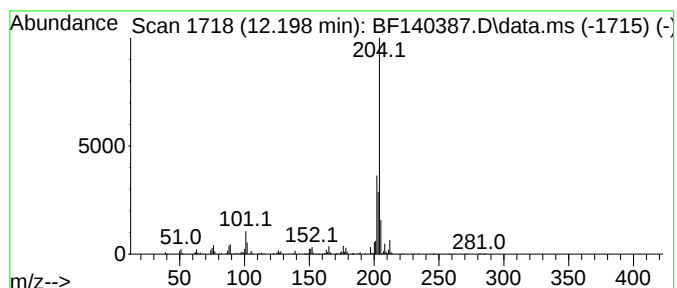
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.198	5.82 ng	210168	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
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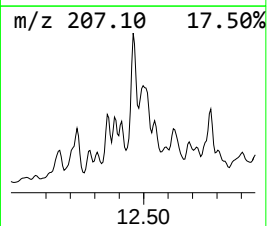
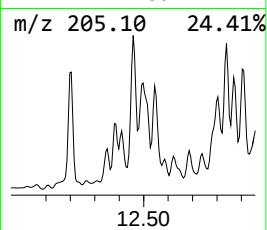
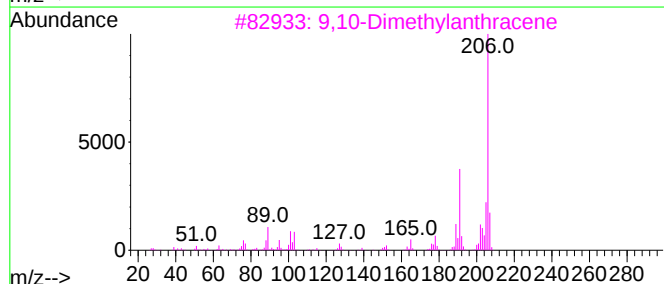
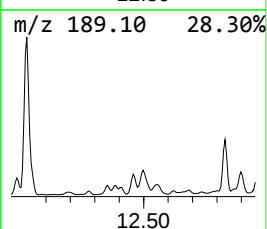
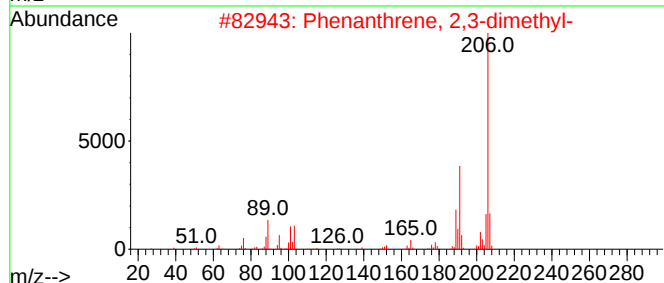
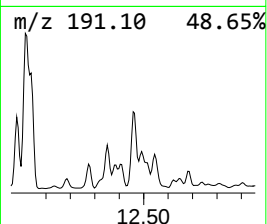
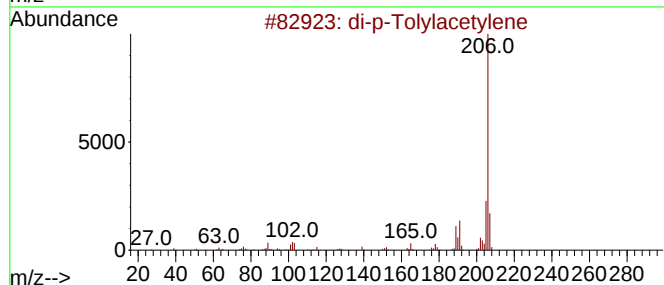
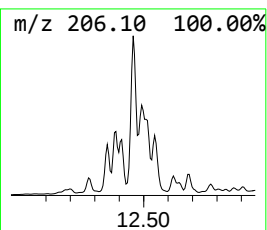
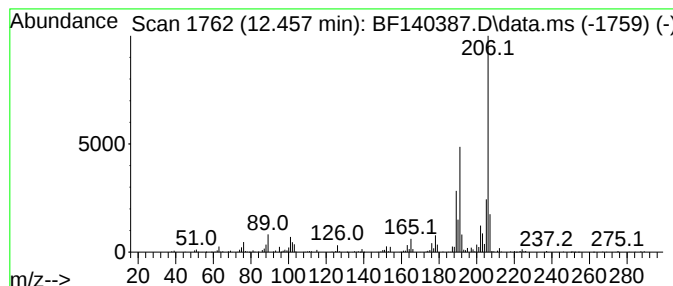
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	6.18 ng	223010	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140387.D
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Sample : P4798-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

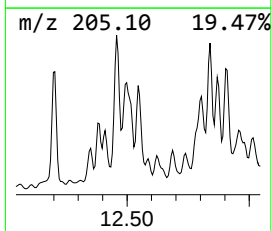
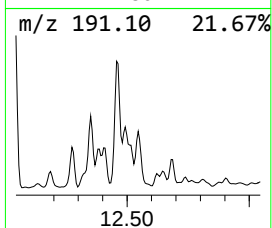
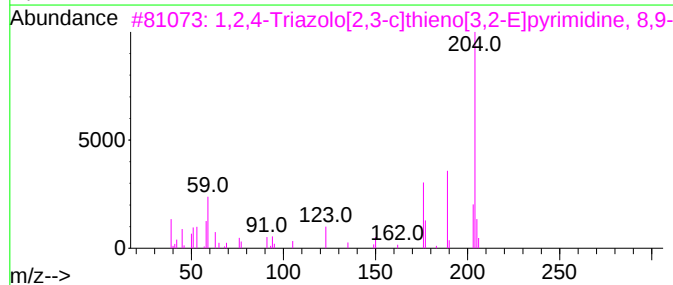
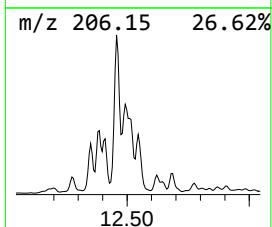
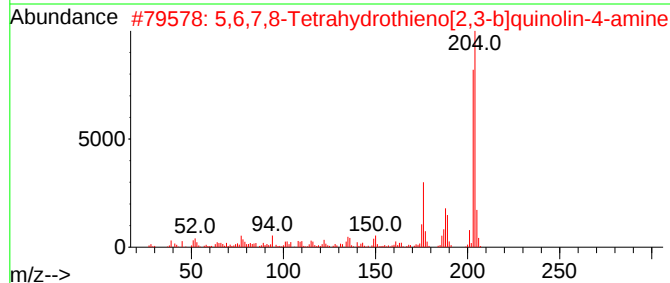
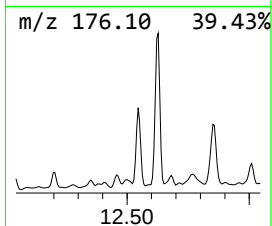
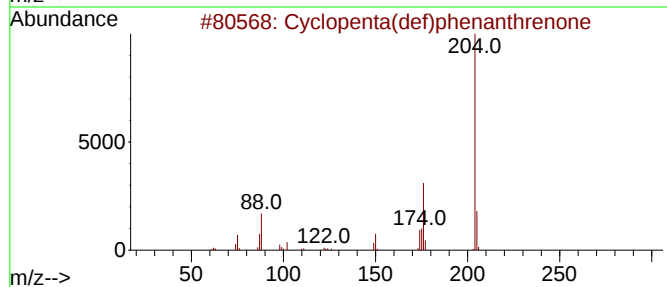
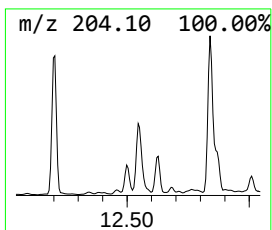
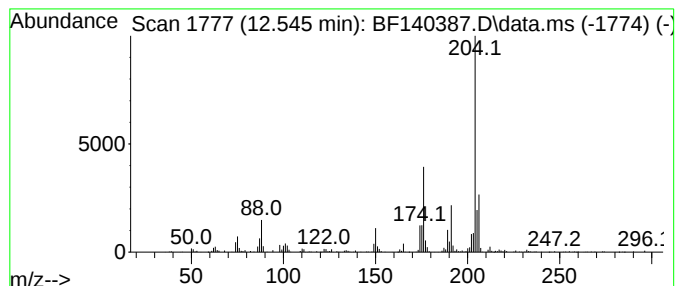
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.545	4.34 ng	156668	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	53
3	1,2,4-Triazolo[2,3-c]thieno[3,2-...		204	C9H8N4S	113246-88-1	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile		204	C14H8N2	004341-02-0	47
5	4(equat)-(but-3-en-1-ynyl)-2(axi...		219	C14H21NO	038423-22-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
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Acq On : 15 Nov 2024 02:16
Operator : RC/JU
Sample : P4798-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

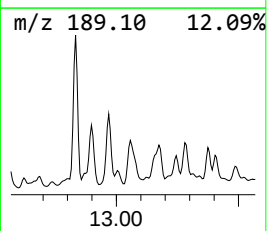
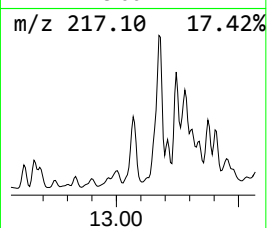
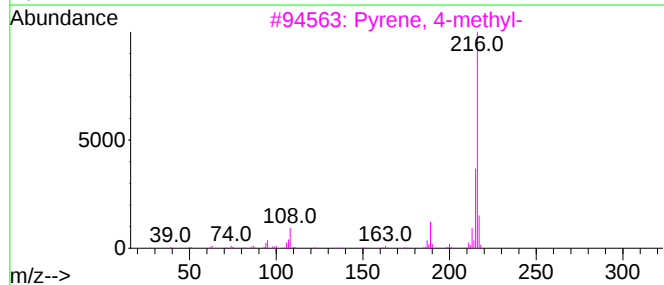
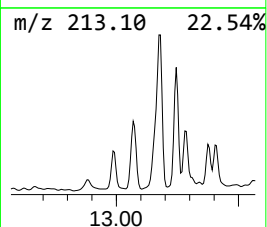
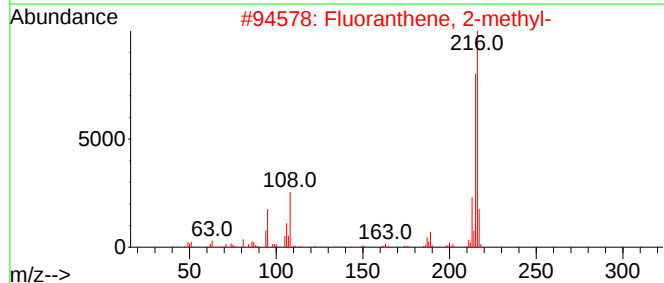
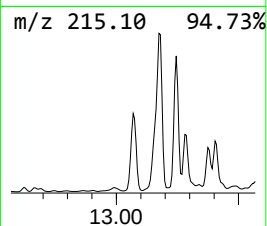
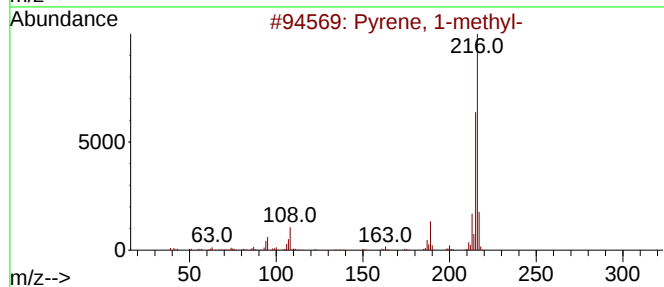
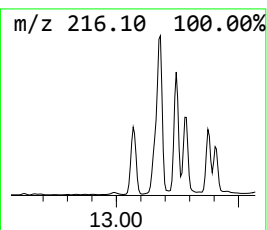
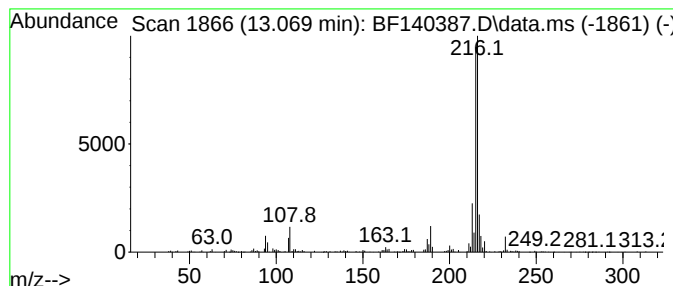
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ClientSampleId :
MH-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.069	3.54 ng	350639	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140387.D
Acq On : 15 Nov 2024 02:16
Operator : RC/JU
Sample : P4798-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

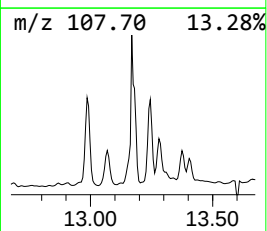
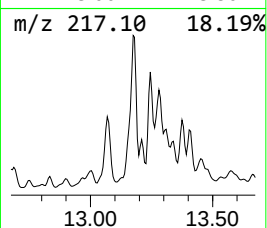
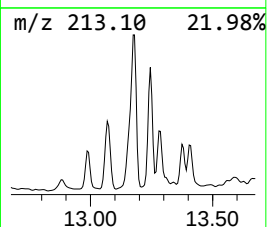
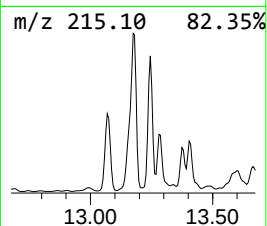
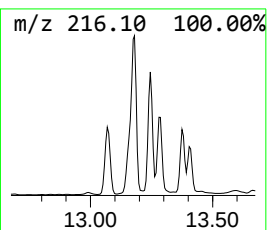
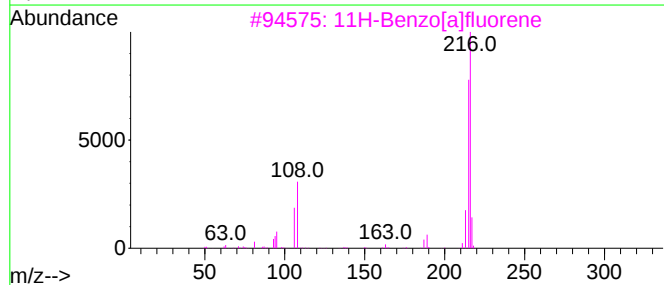
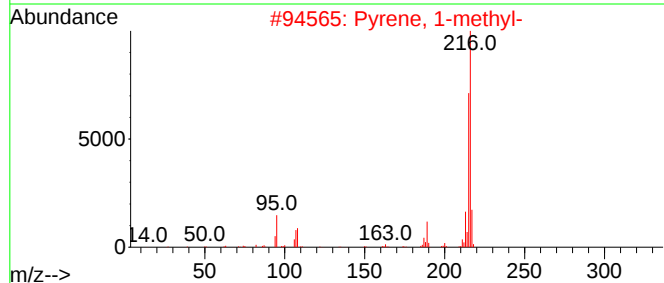
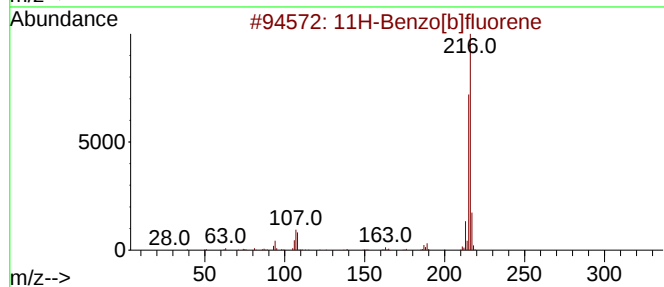
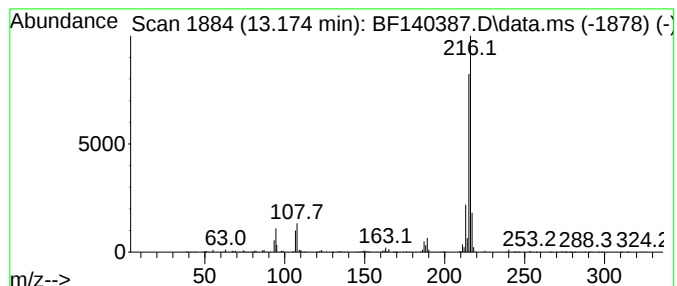
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.174	6.12 ng	606429	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140387.D
Acq On : 15 Nov 2024 02:16
Operator : RC/JU
Sample : P4798-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-6

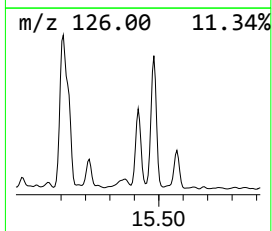
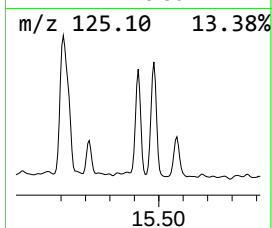
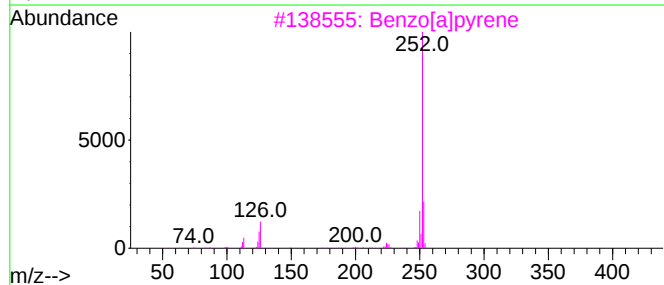
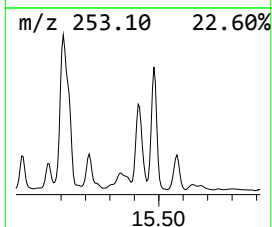
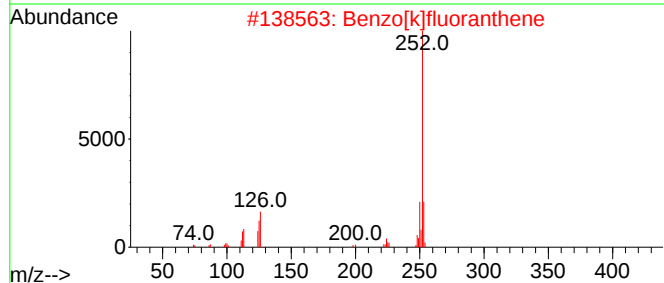
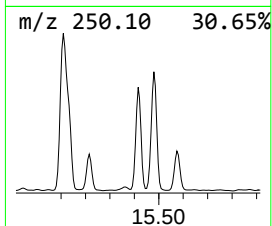
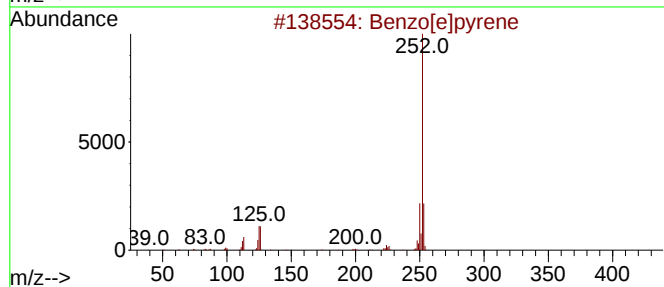
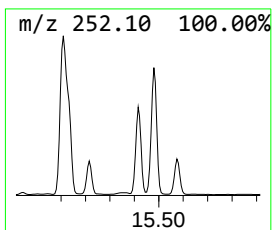
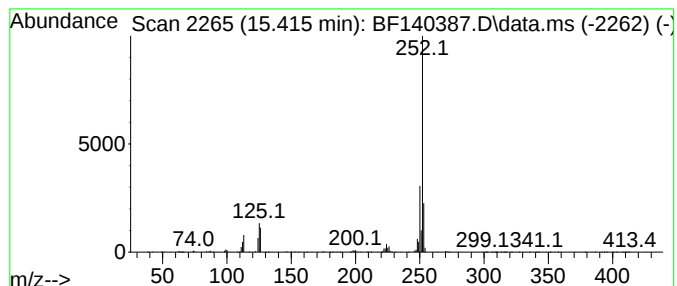
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	43.58 ng	581875	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140387.D
Acq On : 15 Nov 2024 02:16
Operator : RC/JU
Sample : P4798-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.146	36.0	ng	1301980	1	6.875	723816	20.0
2-Pentanone, 4-...	5.093	5.5	ng	200271	1	6.875	723816	20.0
Naphthalene, 2,...	9.569	3.8	ng	168639	3	9.910	879058	20.0
Hexadecane	10.333	5.7	ng	251119	3	9.910	879058	20.0
Benzophenone	10.622	10.5	ng	461649	3	9.910	879058	20.0
Tridecane	10.822	12.8	ng	462849	4	11.404	722094	20.0
Octacosane	11.257	7.2	ng	258042	4	11.404	722094	20.0
Dibenzothiophene	11.298	7.7	ng	278855	4	11.404	722094	20.0
Nonadecane	11.686	4.2	ng	152147	4	11.404	722094	20.0
Phenanthrene, 1...	11.904	6.9	ng	248421	4	11.404	722094	20.0
Anthracene, 1-m...	11.933	20.0	ng	721760	4	11.404	722094	20.0
Phenanthrene, 2...	11.980	5.2	ng	185845	4	11.404	722094	20.0
4H-Cyclopenta[d...	12.022	23.6	ng	850311	4	11.404	722094	20.0
Tridecane, 7-he...	12.092	3.8	ng	135527	4	11.404	722094	20.0
Naphthalene, 2-...	12.198	5.8	ng	210168	4	11.404	722094	20.0
di-p-Tolylacety...	12.457	6.2	ng	223010	4	11.404	722094	20.0
Cyclopenta(def)...	12.545	4.3	ng	156668	4	11.404	722094	20.0
Pyrene, 1-methyl-	13.069	3.5	ng	350639	5	14.051	1981280	20.0
11H-Benzo[b]flu...	13.174	6.1	ng	606429	5	14.051	1981280	20.0
Benzo[e]pyrene	15.415	43.6	ng	581875	6	15.545	267065	20.0