

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139767.D
 Acq On : 11 Oct 2024 11:27
 Operator : RC/JU
 Sample : P4364-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-4.25-4.83

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-BF100124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139767.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	3	12	19	rVB	1844051	3020156	100.00%	8.487%
2	3.028	139	159	167	rVB2	26248	86066	2.85%	0.242%
3	4.199	349	358	362	rBV	20720	36857	1.22%	0.104%
4	4.528	406	414	420	rVB4	29731	55492	1.84%	0.156%
5	5.028	486	499	503	rBV2	29504	70684	2.34%	0.199%
6	5.087	503	509	515	rBV2	141522	214247	7.09%	0.602%
7	5.275	536	541	550	rBV2	28784	49508	1.64%	0.139%
8	5.493	563	578	587	rBV	1682624	2366057	78.34%	6.649%
9	5.716	612	616	619	rVV2	31514	48045	1.59%	0.135%
10	5.775	623	626	638	rVB2	23040	42354	1.40%	0.119%
11	5.887	638	645	649	rBV4	28272	51076	1.69%	0.144%
12	6.028	663	669	673	rBV4	32598	48700	1.61%	0.137%
13	6.116	678	684	690	rVV5	42498	83906	2.78%	0.236%
14	6.169	690	693	696	rVB	31161	35440	1.17%	0.100%
15	6.298	710	715	719	rBV	33931	53100	1.76%	0.149%
16	6.393	727	731	739	rVB4	41450	83468	2.76%	0.235%
17	6.498	739	749	755	rBV	1705547	2442459	80.87%	6.863%
18	6.693	778	782	786	rBV2	76600	104270	3.45%	0.293%
19	6.863	806	811	817	rVV	456743	592577	19.62%	1.665%
20	6.922	817	821	828	rVV5	37594	63705	2.11%	0.179%
21	7.134	851	857	861	rVB5	23787	41596	1.38%	0.117%
22	7.181	861	865	872	rBV2	22980	47885	1.59%	0.135%
23	7.257	872	878	883	rBV6	34043	71868	2.38%	0.202%
24	7.428	896	907	916	rVB	1180976	1674593	55.45%	4.706%
25	7.504	916	920	924	rVB5	34164	48109	1.59%	0.135%
26	7.557	924	929	934	rBV5	19044	44522	1.47%	0.125%
27	7.675	945	949	954	rVB3	59080	85857	2.84%	0.241%
28	7.887	981	985	991	rBV6	36473	55899	1.85%	0.157%
29	7.957	991	997	1004	rVB7	23790	65195	2.16%	0.183%
30	8.145	1021	1029	1036	rBV2	546673	986811	32.67%	2.773%
31	8.198	1036	1038	1047	rVB2	63985	96121	3.18%	0.270%
32	8.281	1047	1052	1056	rBV5	22360	36154	1.20%	0.102%
33	8.363	1063	1066	1071	rVB3	28533	38944	1.29%	0.109%
34	8.428	1072	1077	1083	rBV5	35648	66465	2.20%	0.187%
35	8.563	1096	1100	1105	rBV	114612	148271	4.91%	0.417%
36	8.734	1125	1129	1134	rVB	85521	102985	3.41%	0.289%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.857	1146	1150	1154	rVB	188964	223114	7.39%	0.627%
38	8.957	1163	1167	1171	rBV	169725	201201	6.66%	0.565%
39	9.092	1187	1190	1194	rVB2	29601	37178	1.23%	0.104%
40	9.163	1199	1202	1206	rVB	66676	78505	2.60%	0.221%
41	9.222	1206	1212	1217	rBV	2010863	2507229	83.02%	7.045%
42	9.298	1220	1225	1228	rBV	126970	192744	6.38%	0.542%
43	9.416	1241	1245	1251	rBV	34501	59486	1.97%	0.167%
44	9.486	1252	1257	1261	rVV	93962	146705	4.86%	0.412%
45	9.557	1261	1269	1272	rVV	187155	303770	10.06%	0.854%
46	9.586	1272	1274	1276	rVV	125691	141246	4.68%	0.397%
47	9.616	1276	1279	1285	rVV2	126430	191621	6.34%	0.538%
48	9.675	1285	1289	1298	rVB	95996	156119	5.17%	0.439%
49	9.757	1299	1303	1307	rVB2	74646	98262	3.25%	0.276%
50	9.828	1308	1315	1319	rBV	110100	160485	5.31%	0.451%
51	9.898	1320	1327	1331	rBV	554606	802703	26.58%	2.256%
52	9.934	1331	1333	1337	rVV2	123827	129539	4.29%	0.364%
53	10.004	1341	1345	1349	rBV	44164	61161	2.03%	0.172%
54	10.057	1349	1354	1357	rBV6	40948	74728	2.47%	0.210%
55	10.104	1357	1362	1365	rVV2	166861	236916	7.84%	0.666%
56	10.139	1365	1368	1373	rVV3	79803	110276	3.65%	0.310%
57	10.216	1377	1381	1384	rBV	84227	120500	3.99%	0.339%
58	10.245	1384	1386	1392	rVB	56019	64005	2.12%	0.180%
59	10.322	1392	1399	1403	rBV3	173769	361175	11.96%	1.015%
60	10.445	1415	1420	1427	rVB2	157680	241288	7.99%	0.678%
61	10.545	1433	1437	1443	rVB2	70354	111935	3.71%	0.315%
62	10.610	1443	1448	1454	rBV2	263636	374560	12.40%	1.053%
63	10.692	1457	1462	1467	rBV	967158	1236121	40.93%	3.474%
64	10.810	1476	1482	1489	rVB	322263	531030	17.58%	1.492%
65	10.992	1509	1513	1516	rBV4	50555	77943	2.58%	0.219%
66	11.128	1531	1536	1544	rBV3	84764	217517	7.20%	0.611%
67	11.192	1544	1547	1551	rVV2	85283	123289	4.08%	0.346%
68	11.245	1551	1556	1559	rVV2	201025	310697	10.29%	0.873%
69	11.280	1559	1562	1568	rVB2	112624	168889	5.59%	0.475%
70	11.386	1576	1580	1582	rBV	435959	589252	19.51%	1.656%
71	11.416	1582	1585	1589	rVV	723419	916392	30.34%	2.575%
72	11.463	1589	1593	1596	rVV	150058	188925	6.26%	0.531%
73	11.492	1596	1598	1602	rVB2	28795	38182	1.26%	0.107%
74	11.622	1616	1620	1625	rBV2	90450	149396	4.95%	0.420%
75	11.675	1625	1629	1633	rVB2	156368	200217	6.63%	0.563%
76	11.916	1666	1670	1675	rVB	488300	637396	21.10%	1.791%

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77	11.998	1681	1684	1692	rVB2	207739	415564	13.76%	1.168%
78	12.080	1694	1698	1703	rBV	154596	216462	7.17%	0.608%
79	12.186	1712	1716	1718	rBV	87772	109246	3.62%	0.307%
80	12.369	1744	1747	1749	rBV2	39386	46210	1.53%	0.130%
81	12.439	1755	1759	1762	rBV	127912	200361	6.63%	0.563%
82	12.469	1762	1764	1768	rVB2	124815	152251	5.04%	0.428%
83	12.604	1783	1787	1791	rBV	734900	885285	29.31%	2.488%
84	12.698	1800	1803	1806	rBV	67556	83905	2.78%	0.236%
85	12.833	1820	1826	1831	rBV	622682	938628	31.08%	2.638%
86	12.975	1845	1850	1857	rVB	1110923	1524528	50.48%	4.284%
87	13.045	1859	1862	1870	rVV6	67662	137546	4.55%	0.387%
88	13.198	1885	1888	1890	rBV	83518	98526	3.26%	0.277%
89	13.263	1896	1899	1903	rVB2	77923	95707	3.17%	0.269%
90	13.539	1943	1946	1950	rBV2	88222	135883	4.50%	0.382%
91	13.874	2000	2003	2012	rVB3	159107	291776	9.66%	0.820%
92	14.027	2023	2029	2032	rBV2	607874	1074206	35.57%	3.019%
93	14.186	2053	2056	2060	rBV3	86231	105241	3.48%	0.296%
94	14.492	2105	2108	2113	rVB3	107862	144245	4.78%	0.405%
95	15.074	2202	2207	2215	rBV	437106	980797	32.48%	2.756%
96	15.380	2255	2259	2265	rVB	263279	409625	13.56%	1.151%
97	15.445	2265	2270	2275	rVB	325306	489620	16.21%	1.376%
98	15.510	2276	2281	2293	rVB2	352080	740894	24.53%	2.082%
99	16.980	2526	2531	2539	rVB2	149160	311101	10.30%	0.874%
100	17.427	2602	2607	2622	rVB	116002	268390	8.89%	0.754%

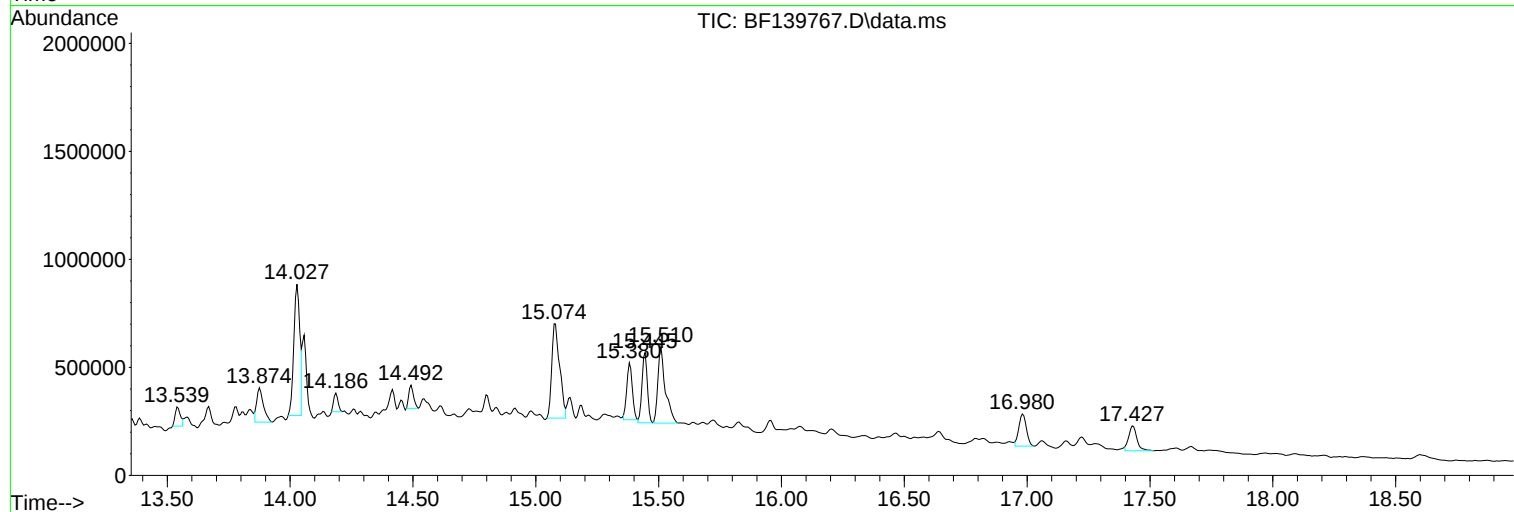
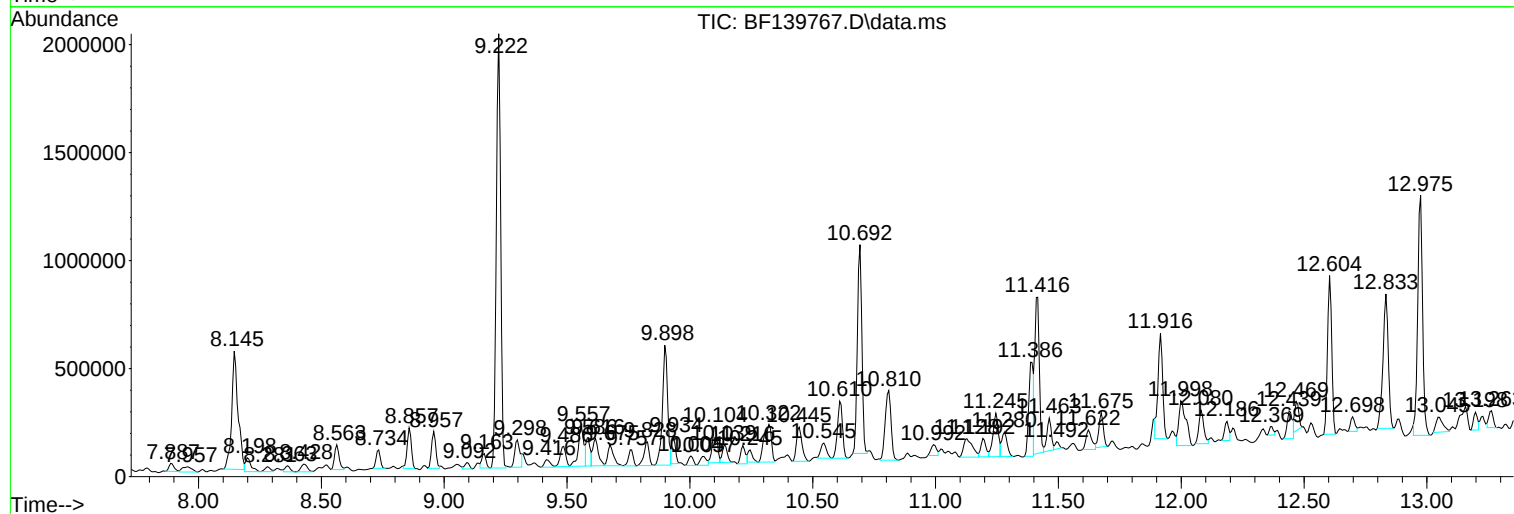
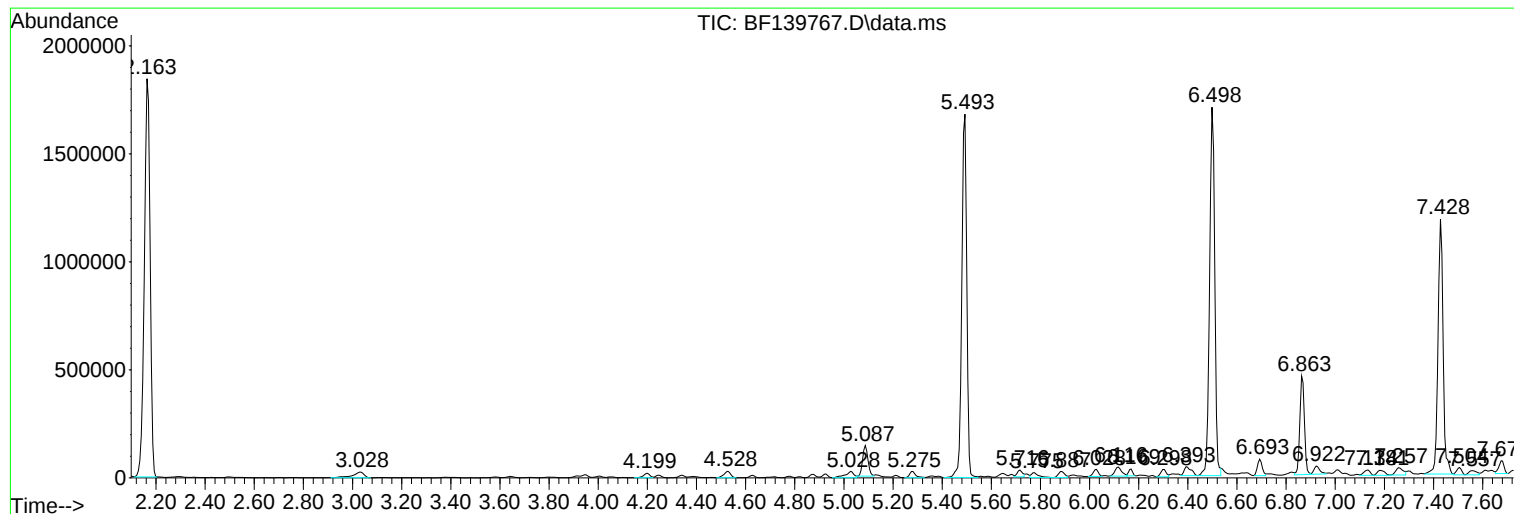
Sum of corrected areas: 35587136

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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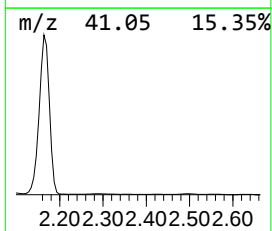
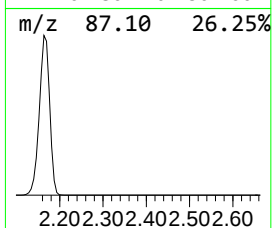
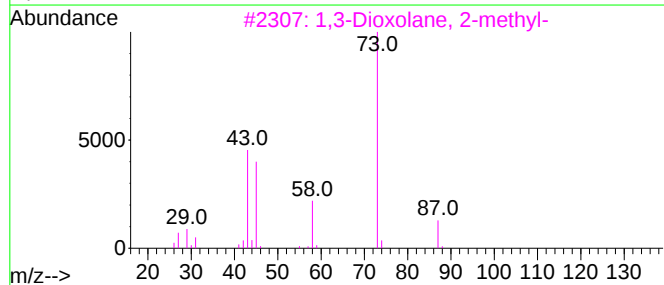
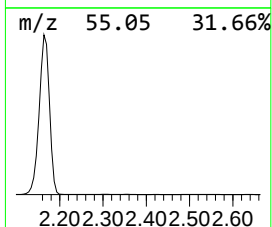
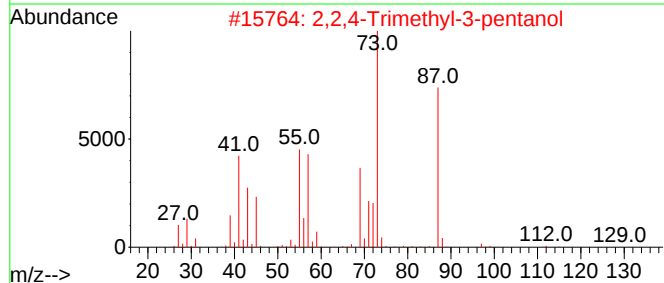
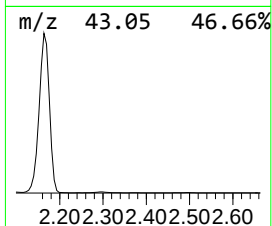
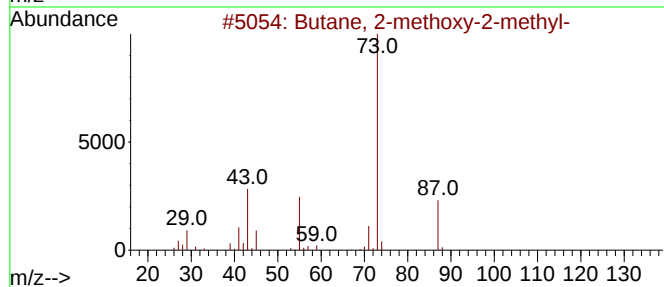
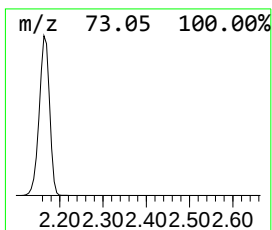
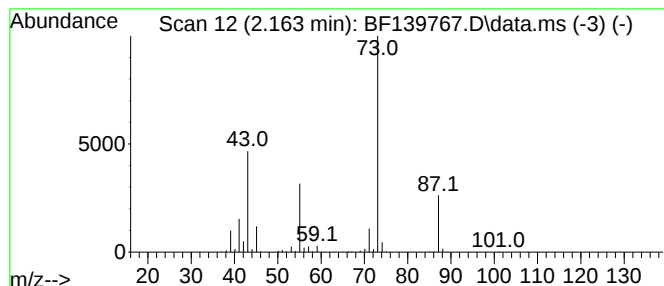
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	101.93 ng	3020160	1,4-Dichlorobenzene-d4	6.863

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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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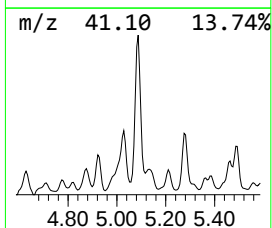
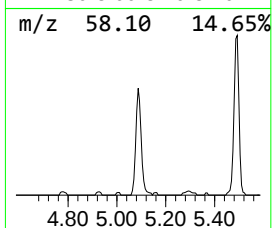
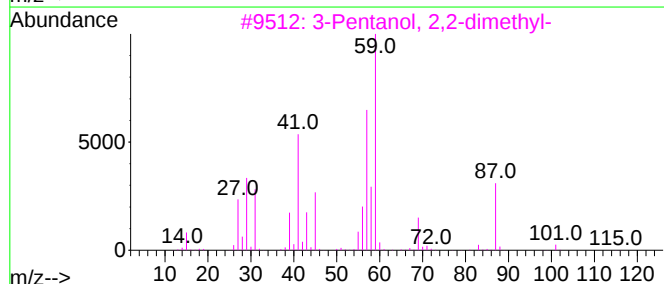
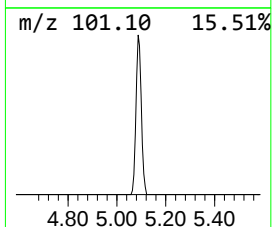
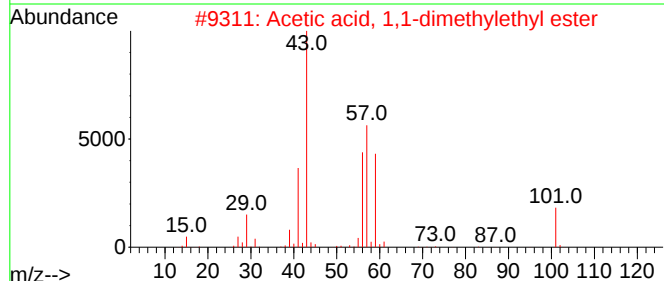
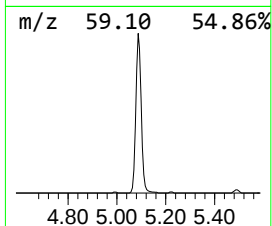
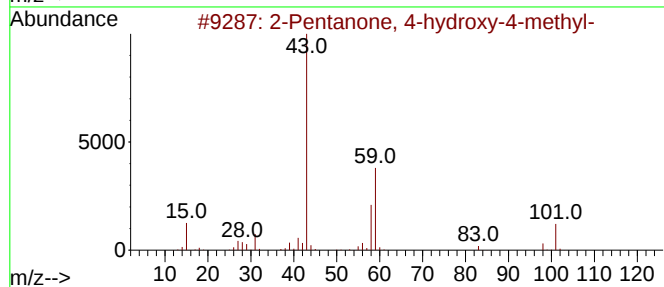
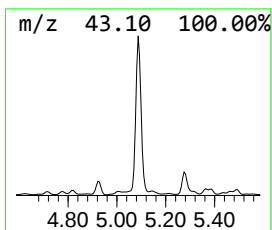
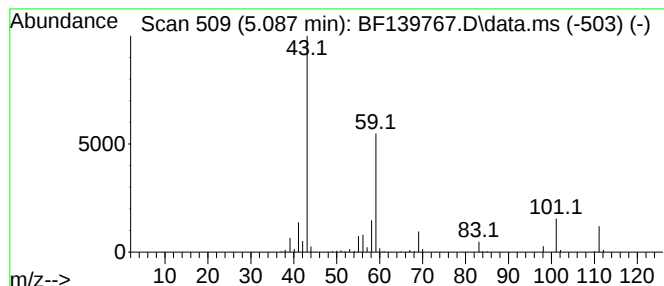
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	7.23 ng	214247	1,4-Dichlorobenzene-d4	6.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	33	
3	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	25	
4	3-Octanol	130	C8H18O	000589-98-0	25	
5	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	23	



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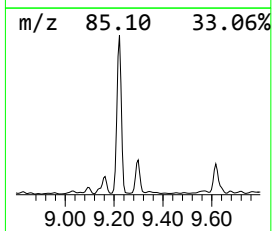
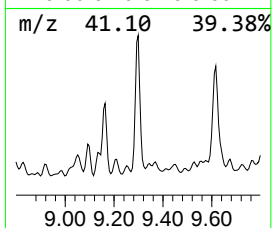
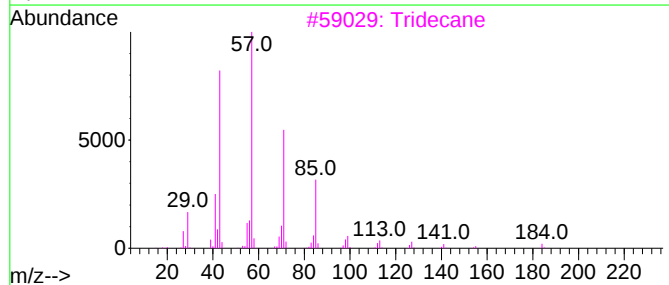
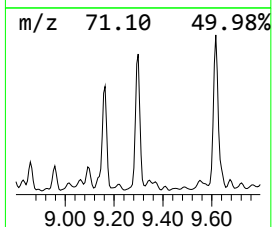
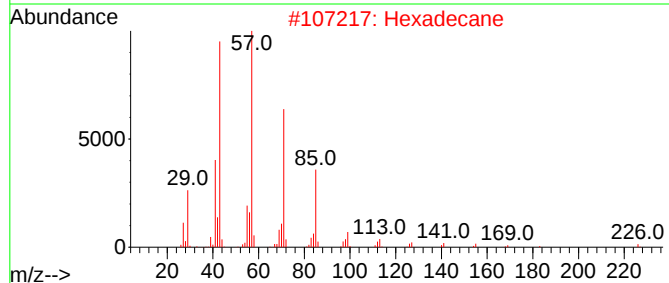
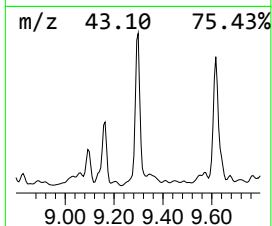
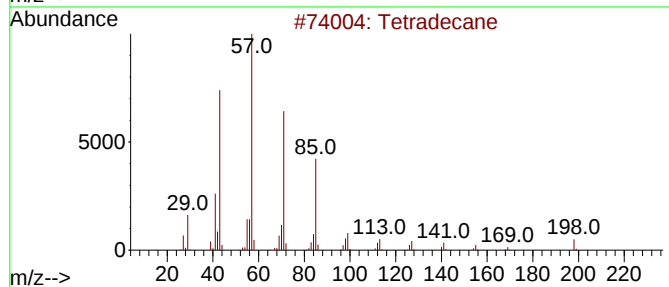
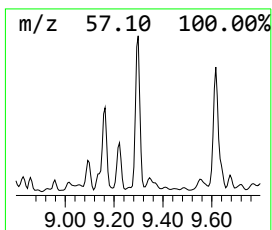
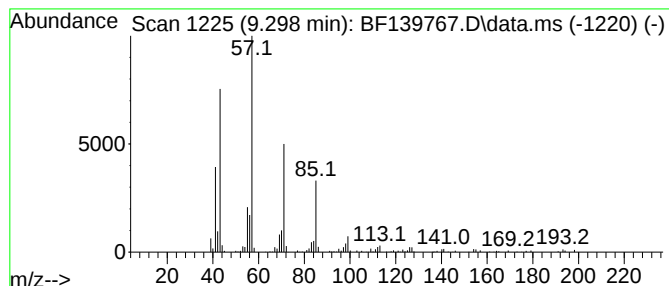
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	4.80 ng	192744	Acenaphthene-d10	9.898

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-4.25-4.83

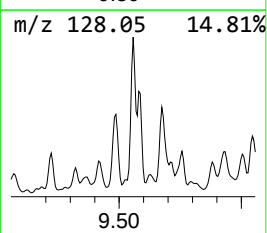
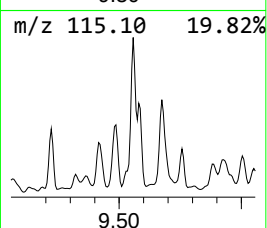
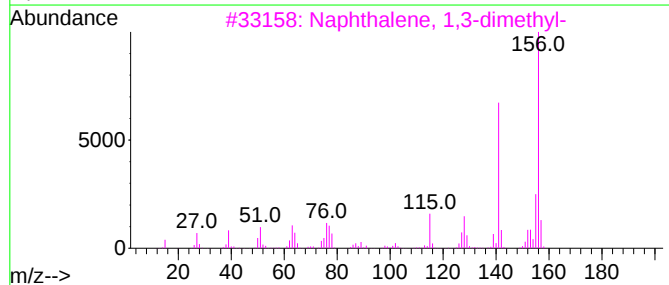
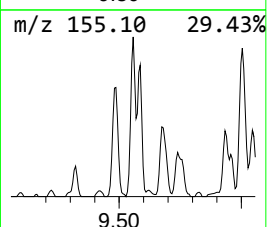
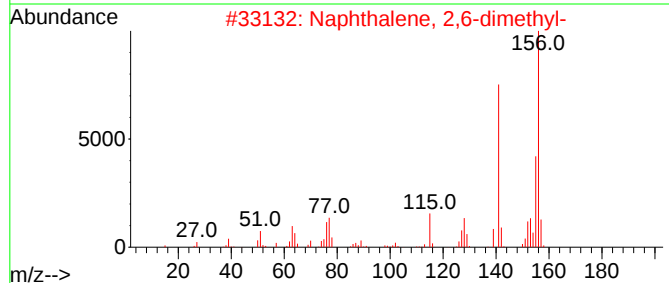
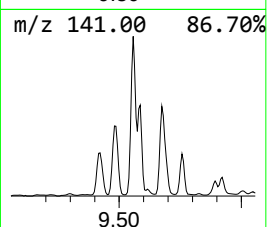
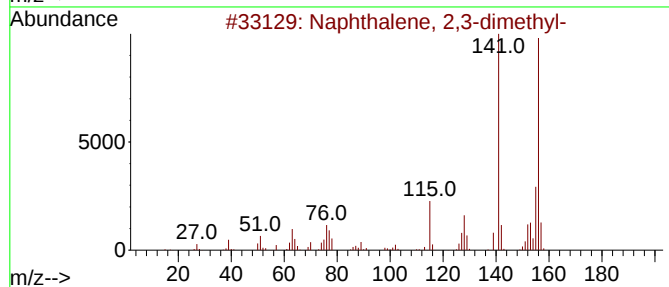
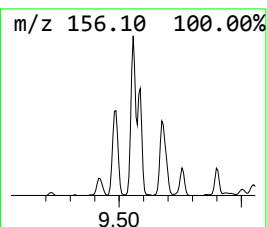
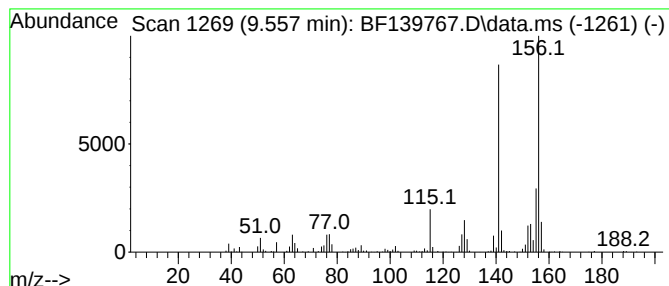
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	7.57 ng	303770	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-4.25-4.83

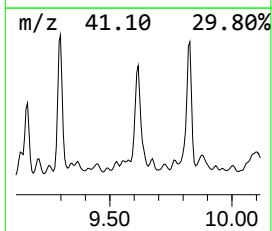
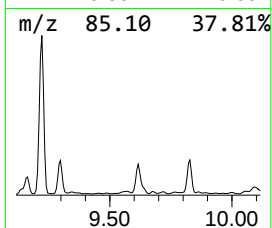
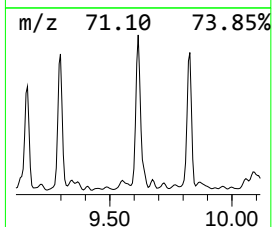
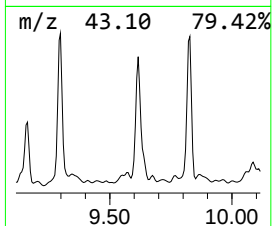
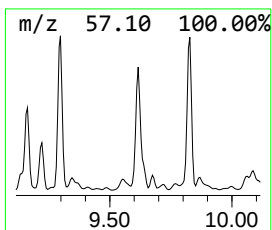
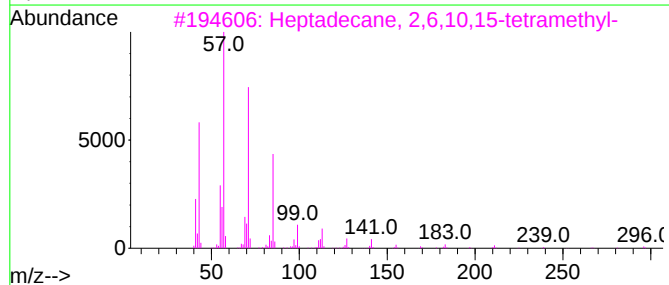
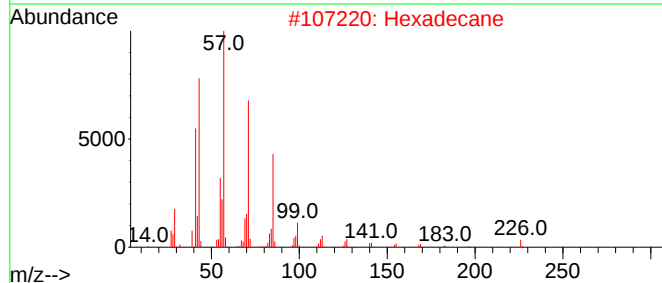
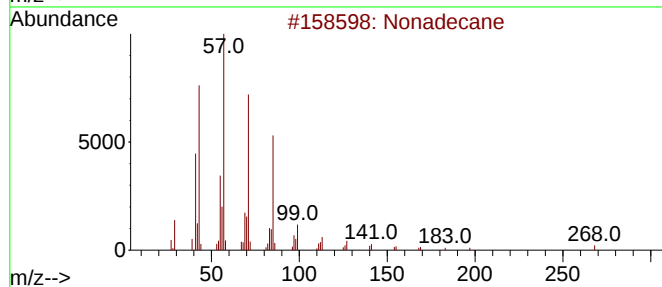
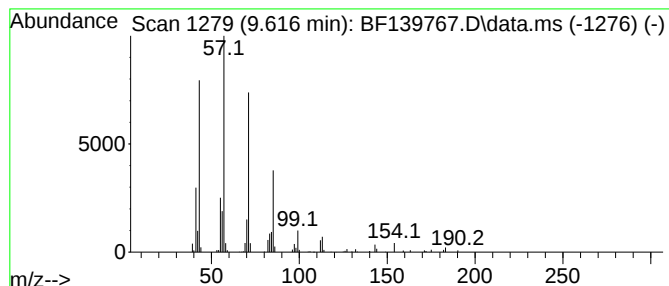
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	4.77 ng	191621	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Hexadecane	226	C16H34	000544-76-3	86
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4			Tetradecane	198	C14H30	000629-59-4	78
5			Dodecane	170	C12H26	000112-40-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-4.25-4.83

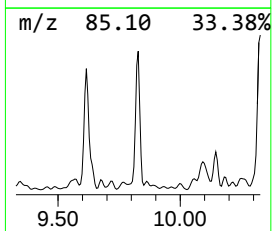
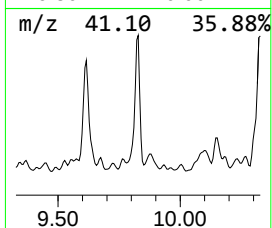
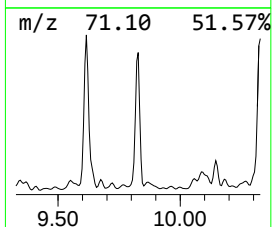
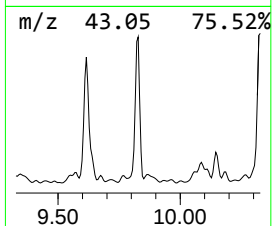
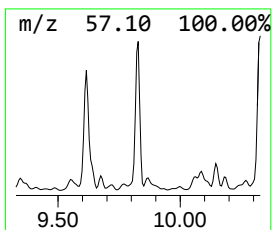
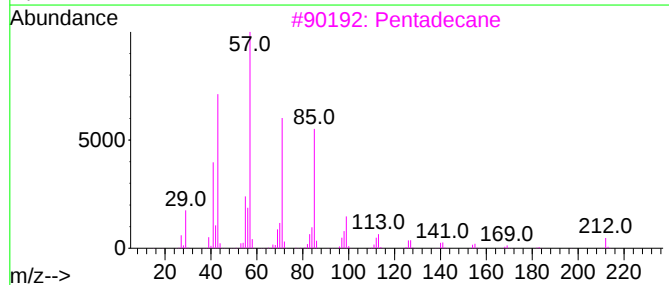
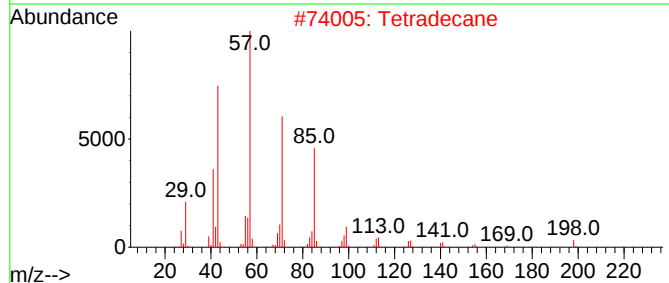
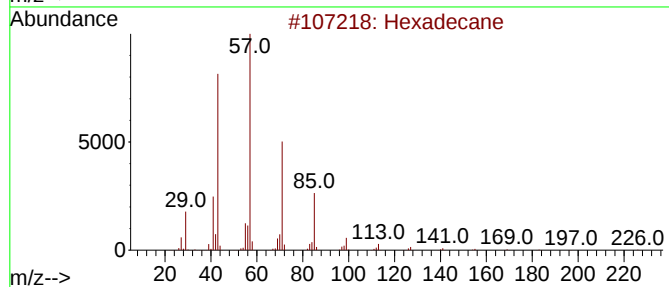
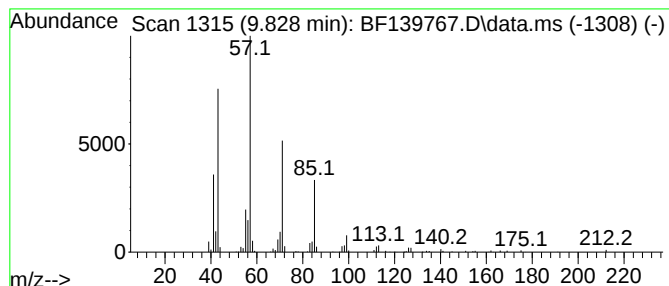
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	4.00 ng	160485	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Pentadecane	212	C15H32	000629-62-9	87
4			Tridecane	184	C13H28	000629-50-5	78
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
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ALS Vial : 6 Sample Multiplier: 1

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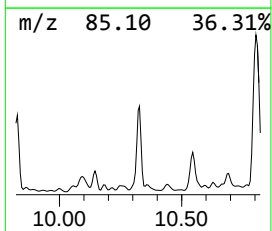
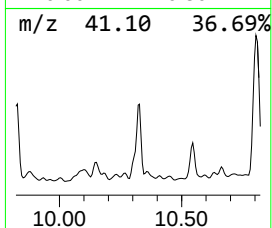
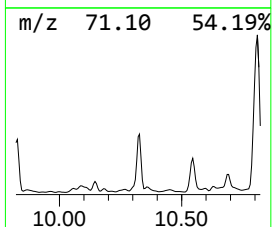
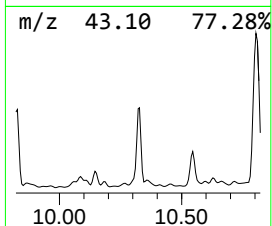
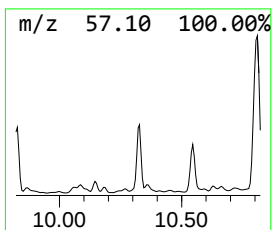
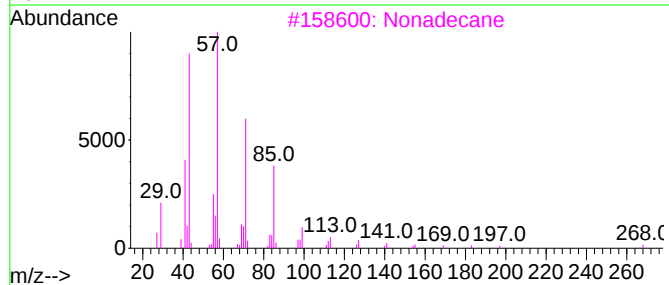
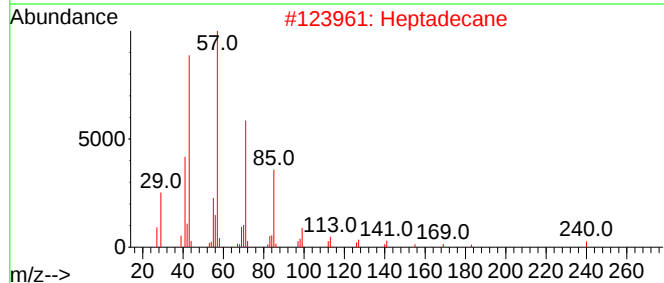
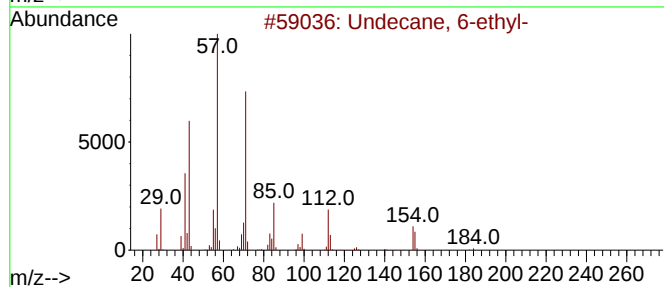
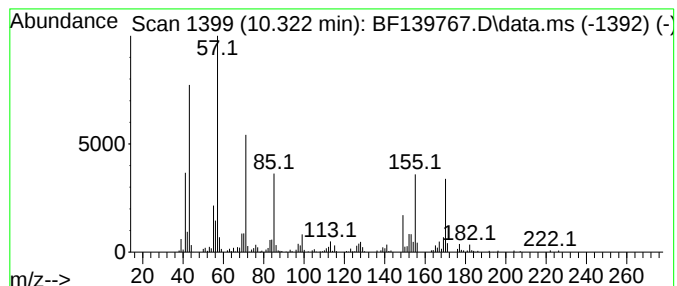
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 6-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	9.00 ng	361175	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-ethyl-	184	C13H28	017312-60-6	50
2			Heptadecane	240	C17H36	000629-78-7	49
3			Nonadecane	268	C19H40	000629-92-5	49
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	46
5			Hexadecane	226	C16H34	000544-76-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-01-4.25-4.83

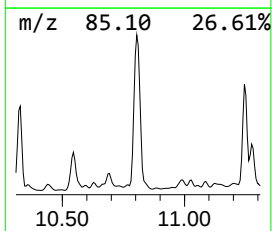
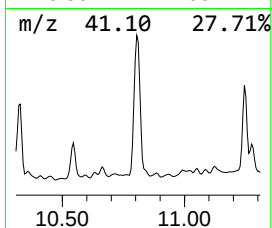
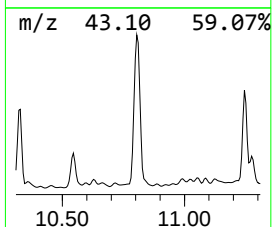
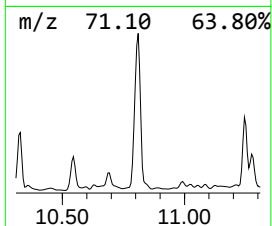
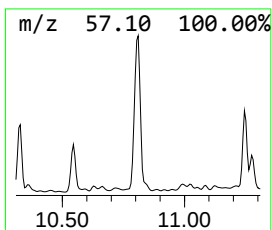
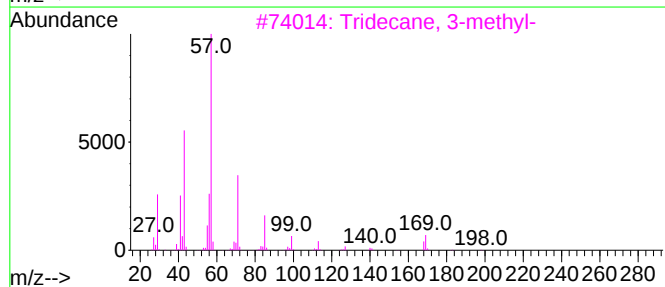
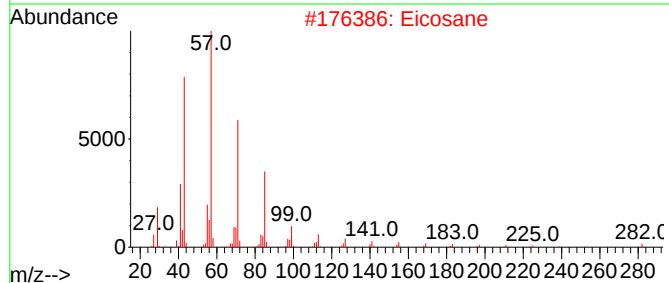
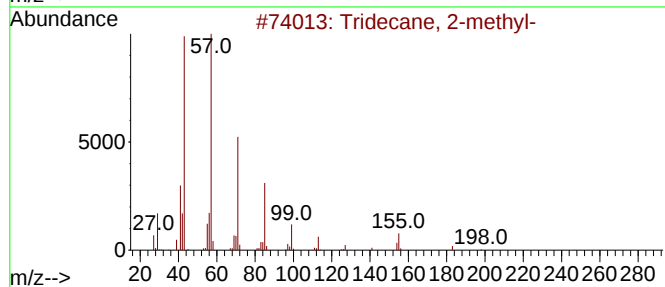
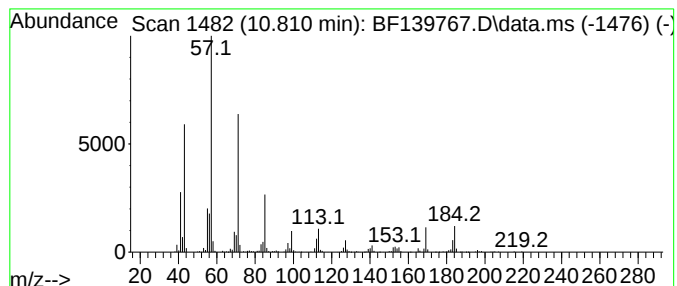
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	18.02 ng	531030	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
2			Eicosane	282	C20H42	000112-95-8	72
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	70
4			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	70
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
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ClientSampleId :
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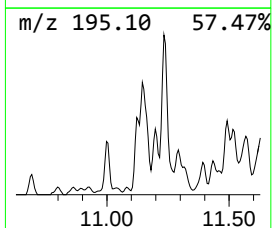
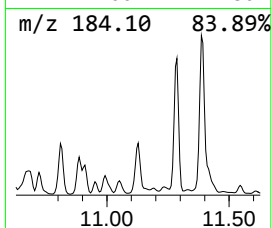
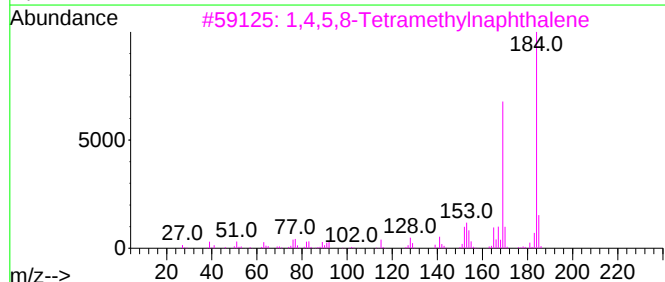
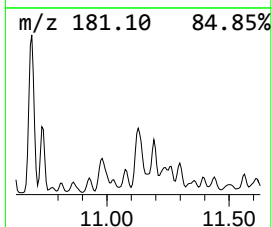
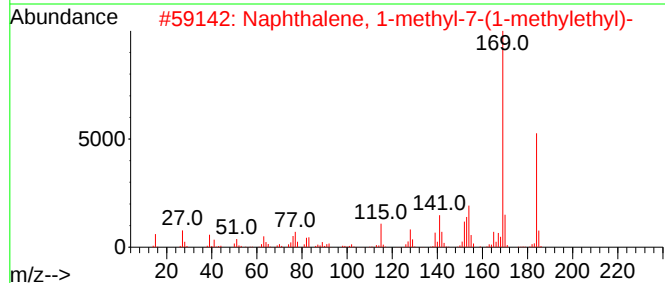
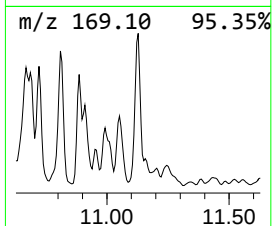
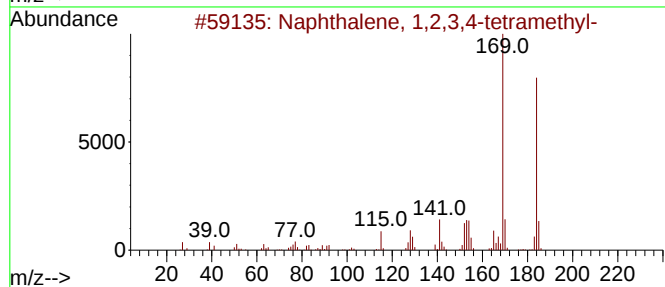
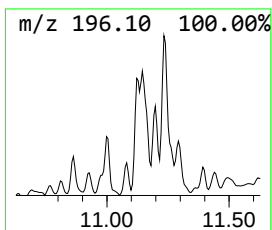
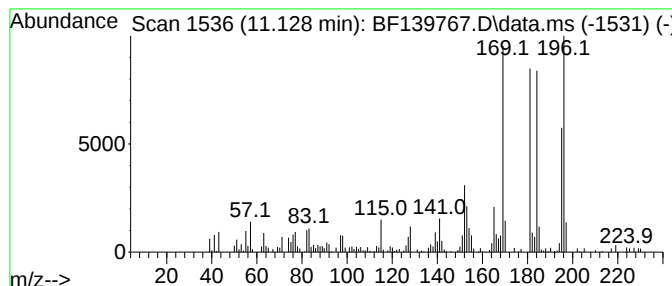
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetram... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.128	7.38 ng	217517	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	86
2		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	83
3		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	64
4		3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	46
5		Chamazulene	184	C14H16	000529-05-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

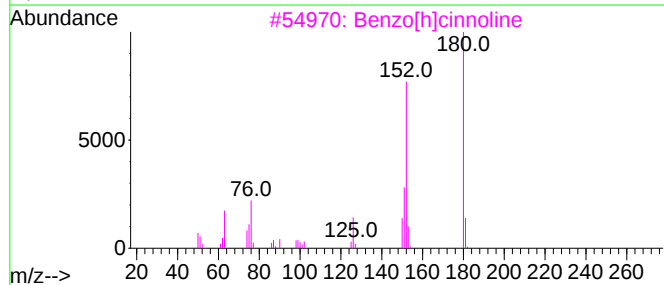
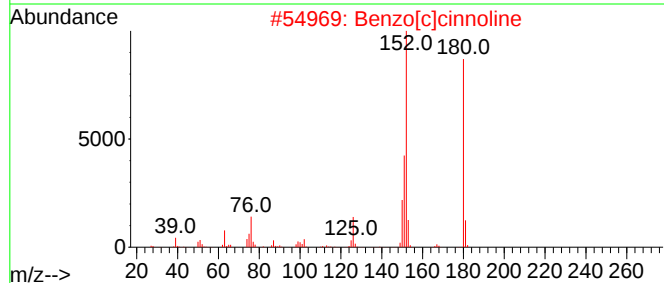
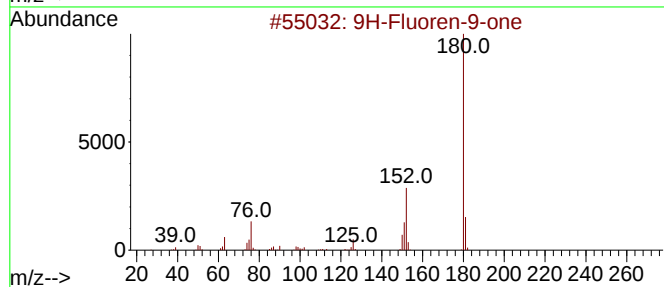
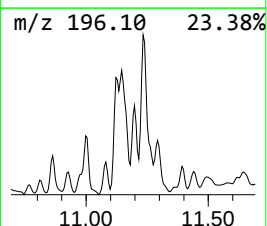
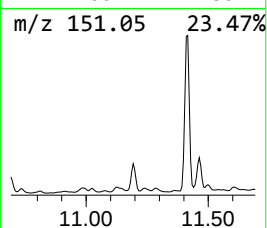
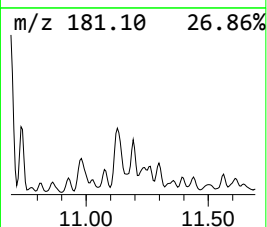
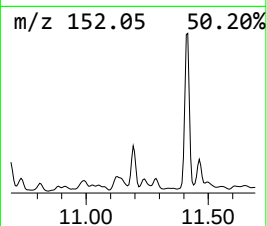
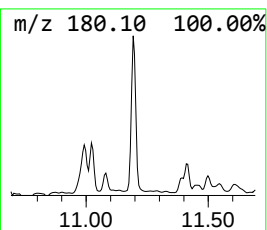
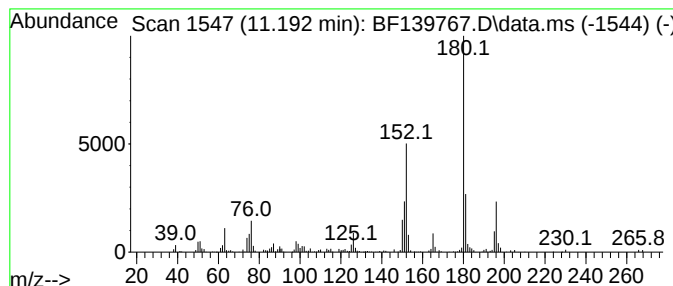
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.192	4.18 ng	123289	Phenanthrene-d10		11.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one		180	C13H8O	000486-25-9	94
2	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	81
3	Benzo[h]cinnoline		180	C12H8N2	000230-31-9	81
4	Diphenic anhydride		224	C14H8O3	006050-13-1	74
5	9,10-Phenanthrenedione		208	C14H8O2	000084-11-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

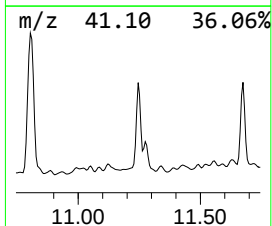
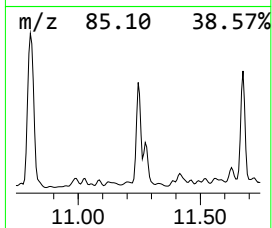
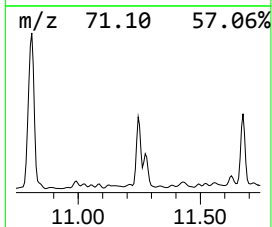
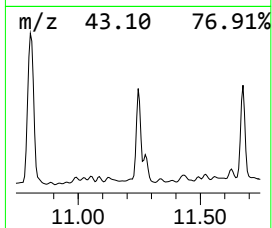
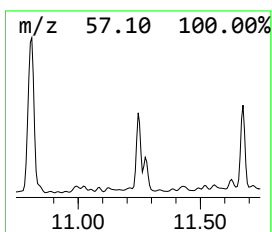
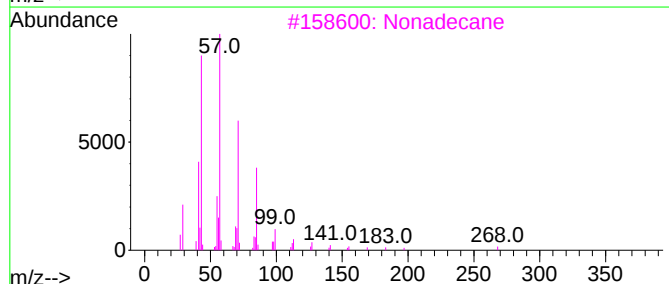
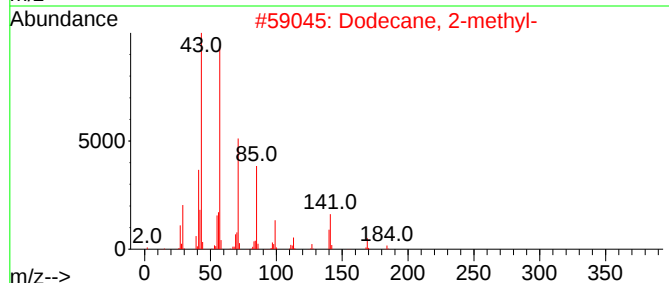
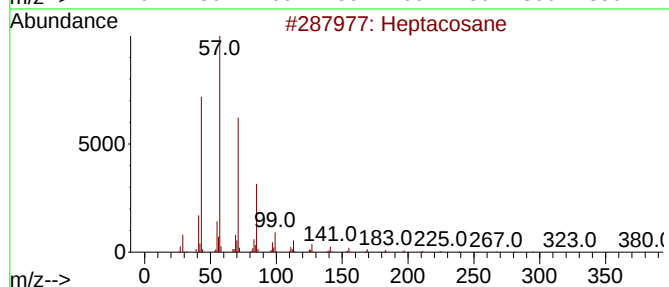
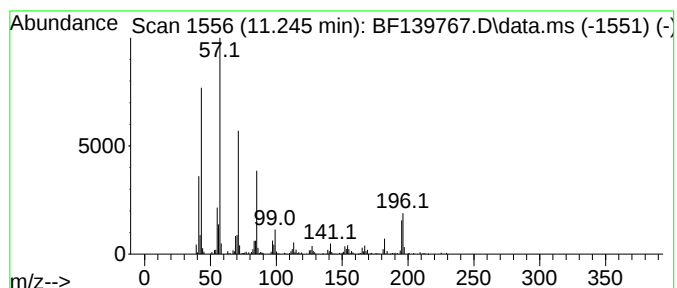
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SB-01-4.25-4.83

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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 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.245	10.55 ng	310697	Phenanthrene-d10	11.386	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	76
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	76
3	Nonadecane	268	C19H40	000629-92-5	76
4	Eicosane	282	C20H42	000112-95-8	68
5	Hexadecane	226	C16H34	000544-76-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-01-4.25-4.83

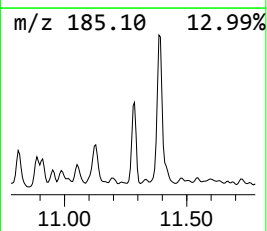
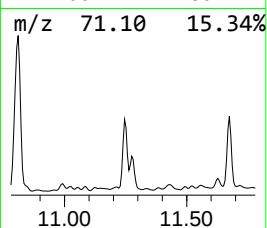
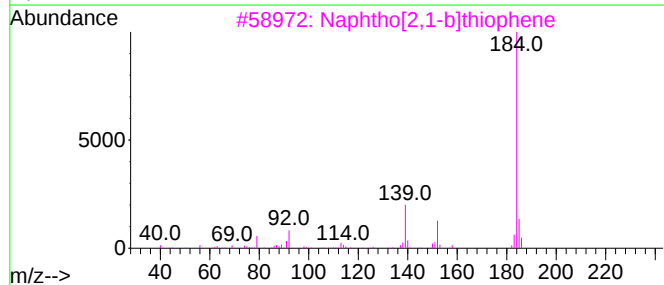
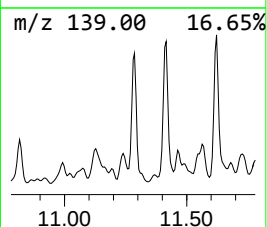
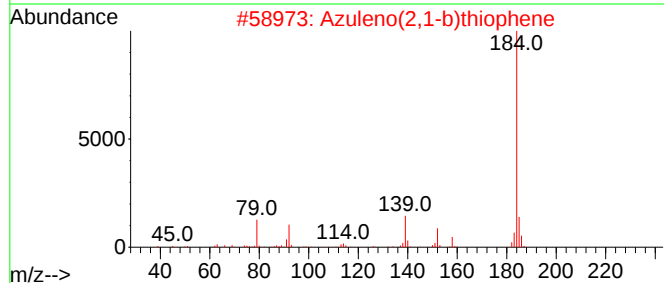
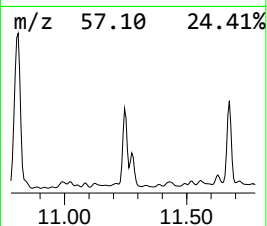
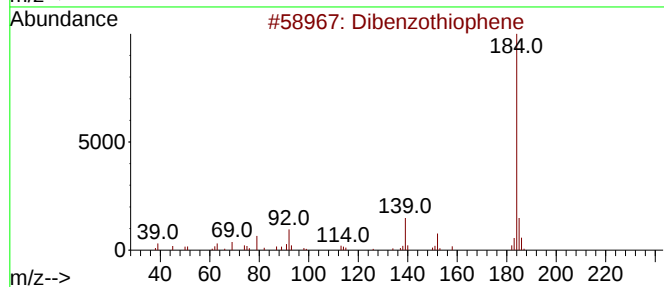
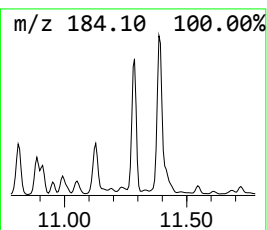
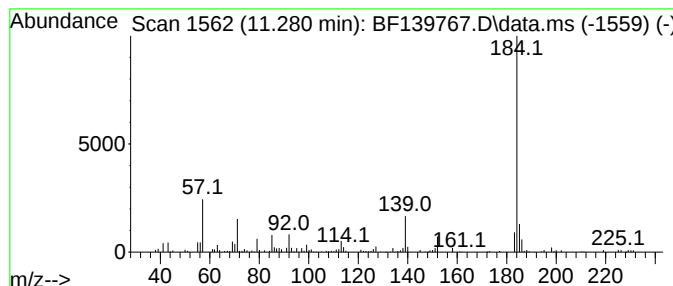
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	5.73 ng	168889	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	86
4		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72
5		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-01-4.25-4.83

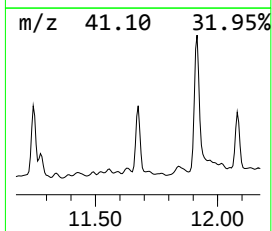
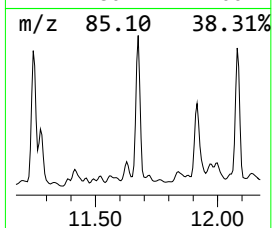
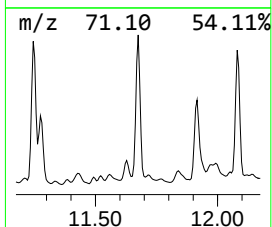
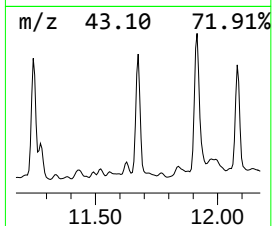
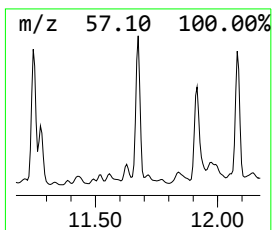
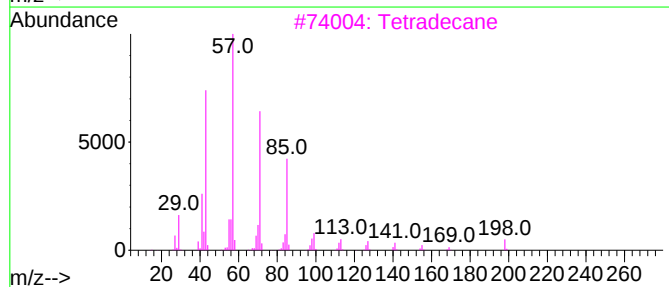
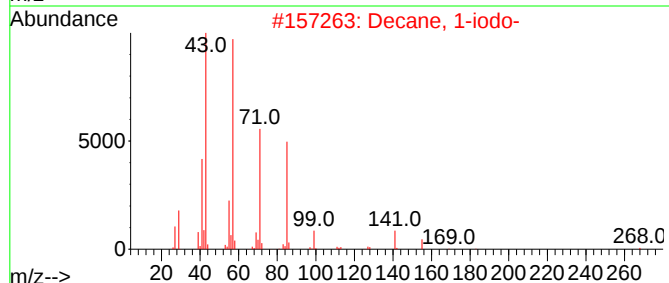
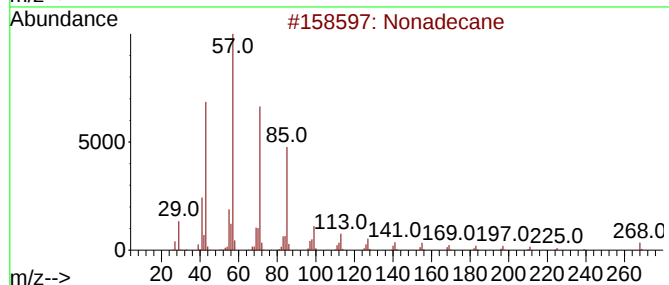
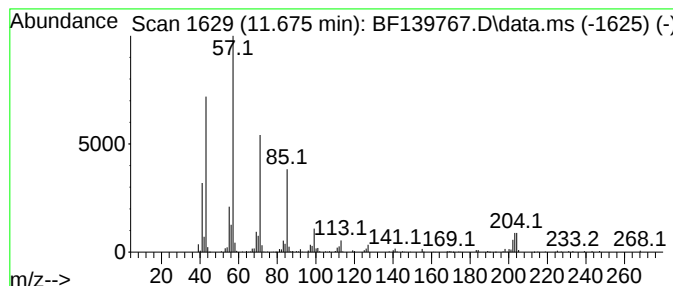
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.675	6.80 ng	200217	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	94
2		Decane, 1-iodo-	268	C10H21I	002050-77-3	81
3		Tetradecane	198	C14H30	000629-59-4	80
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
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Operator : RC/JU
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Instrument :
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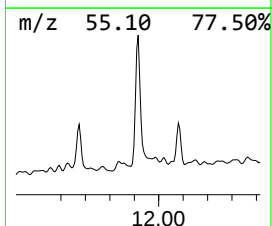
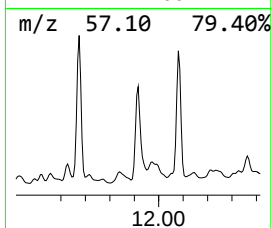
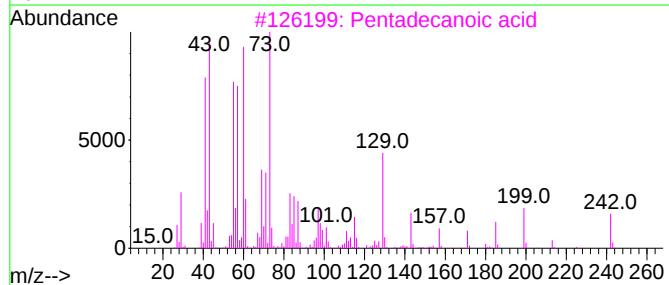
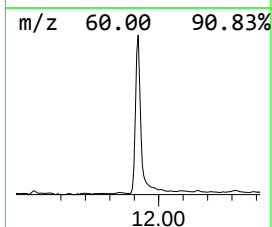
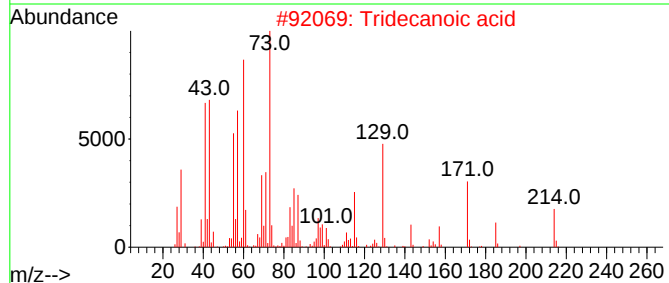
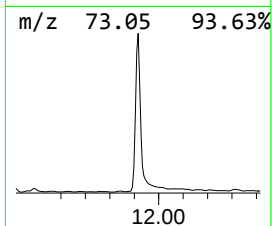
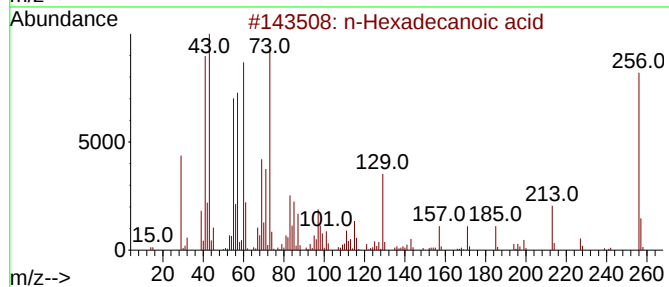
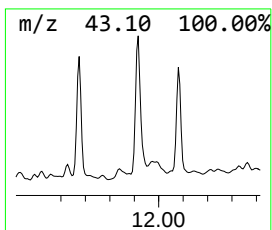
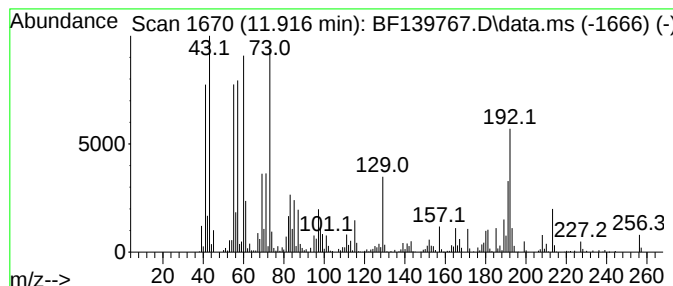
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	21.63 ng	637396	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-01-4.25-4.83

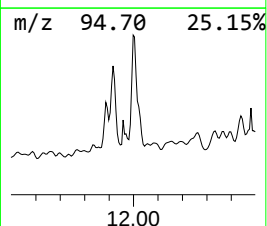
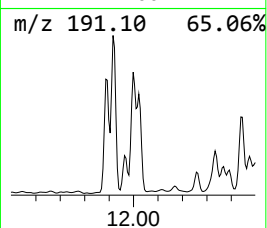
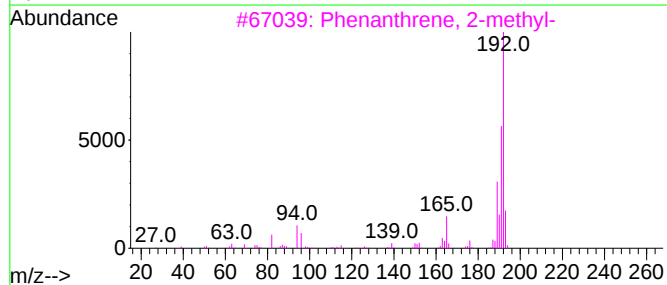
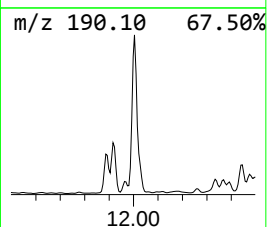
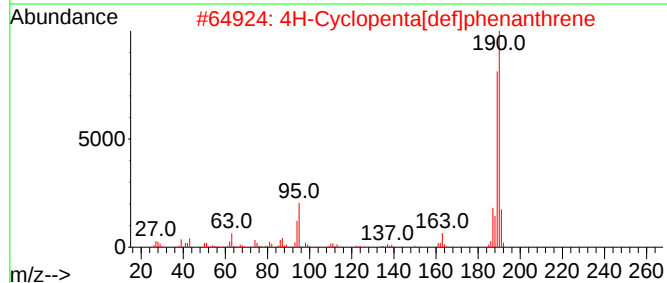
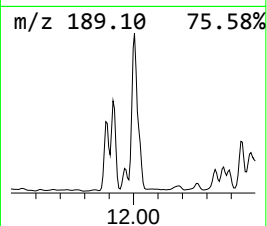
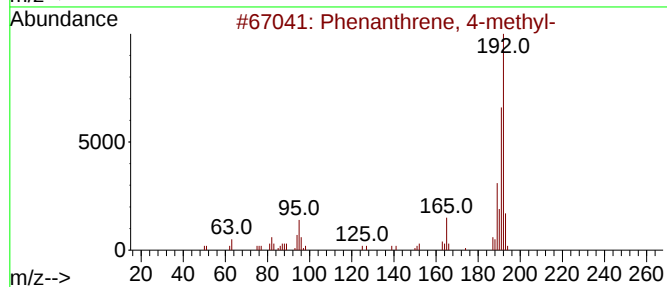
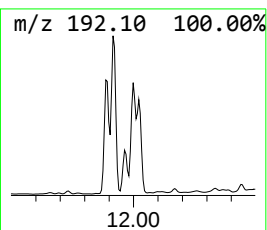
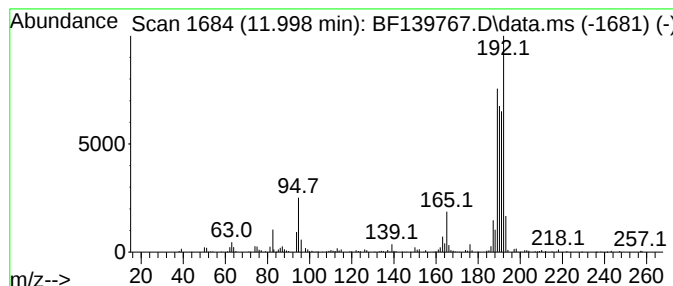
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	14.10 ng	415564	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
4			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	50
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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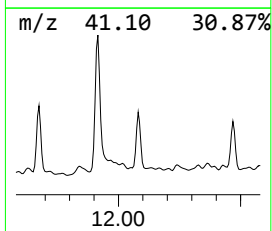
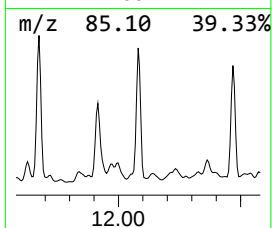
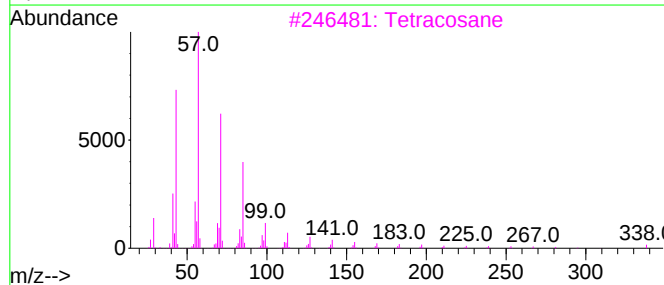
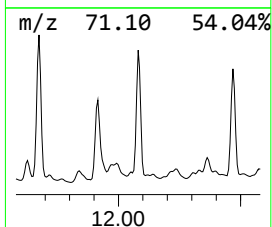
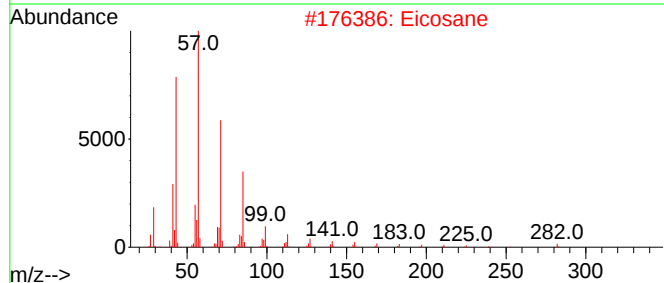
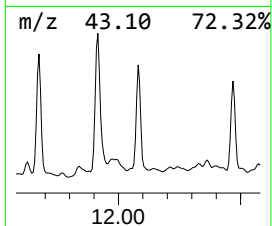
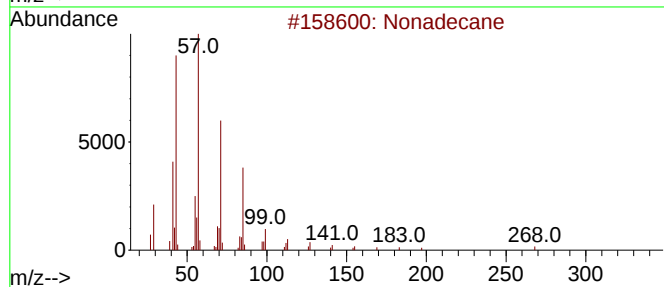
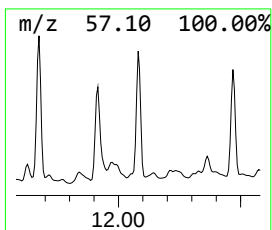
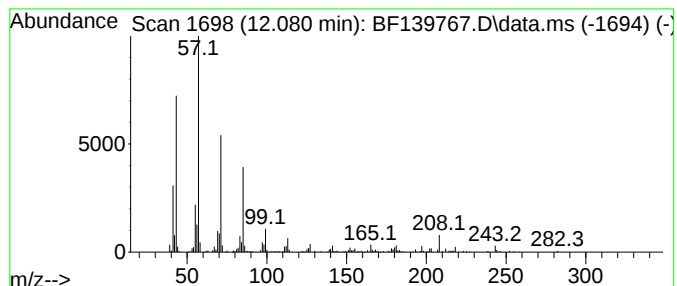
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	7.35 ng	216462	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	87
2		Eicosane	282	C20H42	000112-95-8	87
3		Tetracosane	338	C24H50	000646-31-1	83
4		Pentadecane	212	C15H32	000629-62-9	83
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

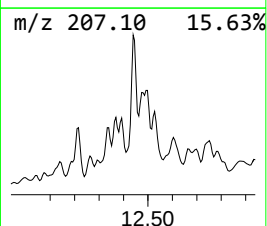
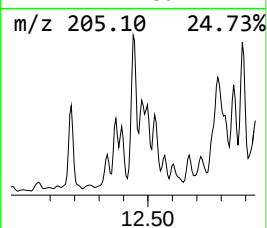
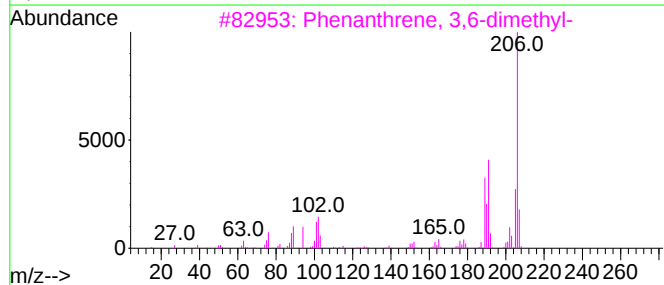
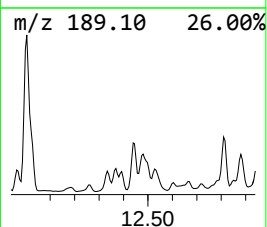
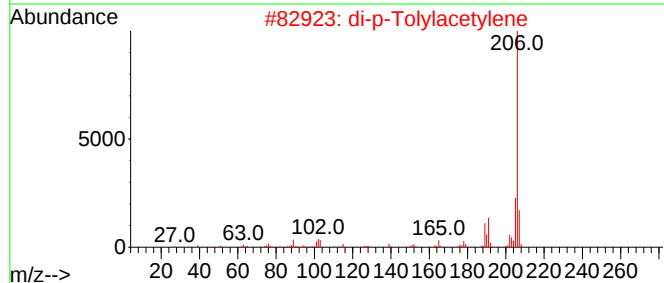
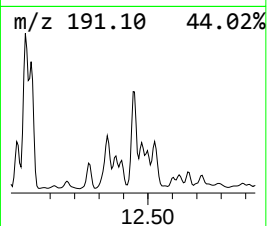
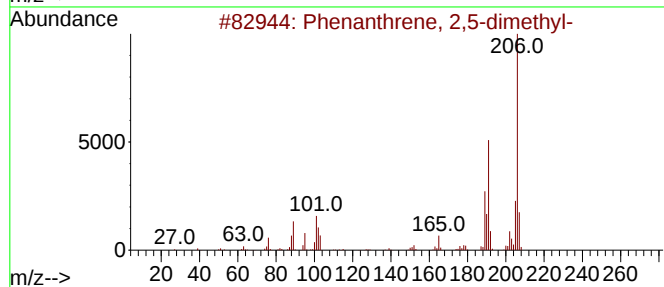
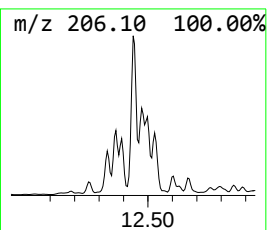
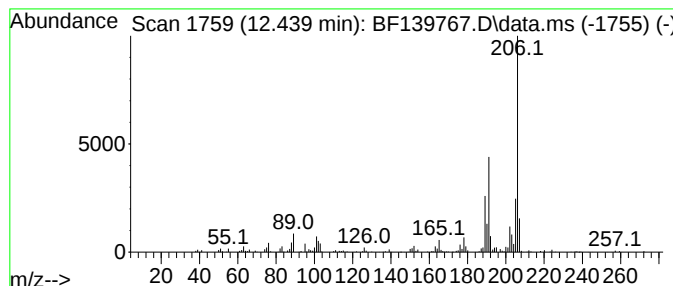
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ClientSampleId :
SB-01-4.25-4.83

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.439	6.80 ng	200361	Phenanthrene-d10		11.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene		206	C16H14	002789-88-0	91
3	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	91
4	9,10-Dimethylantracene		206	C16H14	000781-43-1	90
5	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-4.25-4.83

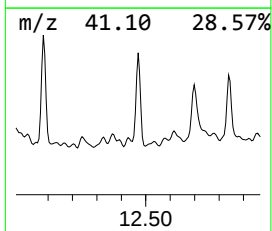
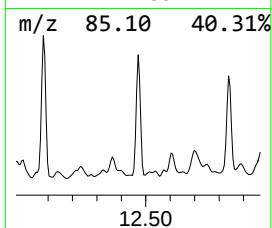
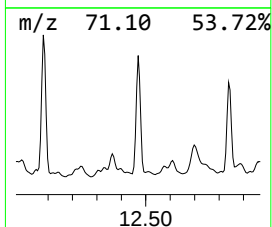
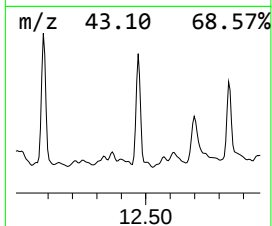
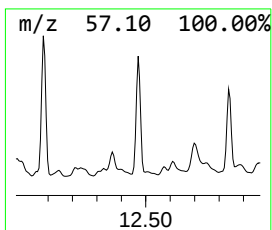
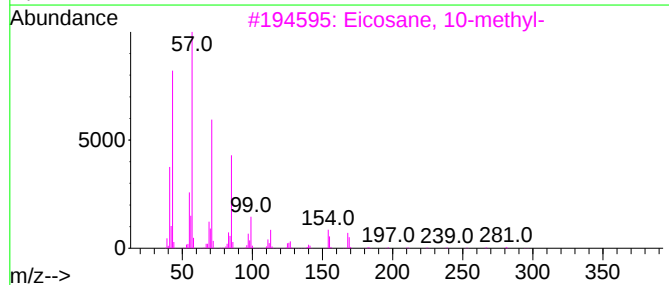
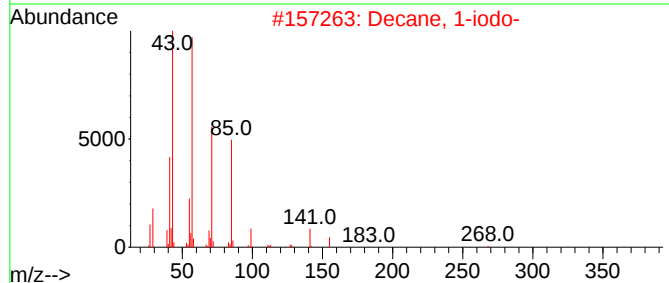
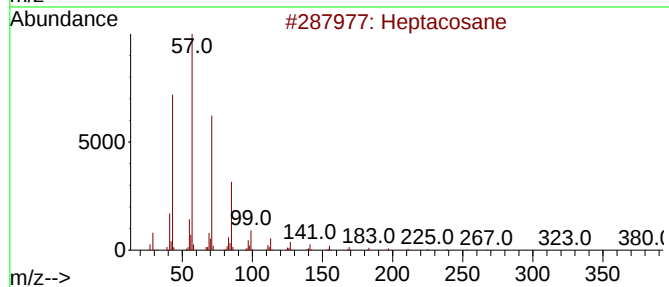
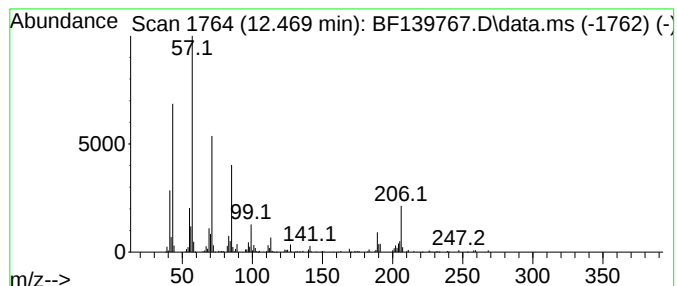
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane, 10-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	5.17 ng	152251	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	64
2			Decane, 1-iodo-	268	C10H21I	002050-77-3	60
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
4			Eicosane	282	C20H42	000112-95-8	58
5			Heptadecane	240	C17H36	000629-78-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

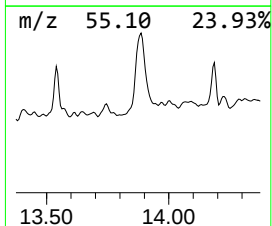
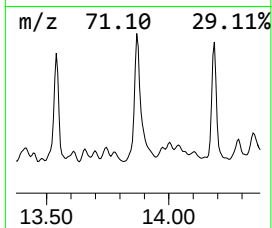
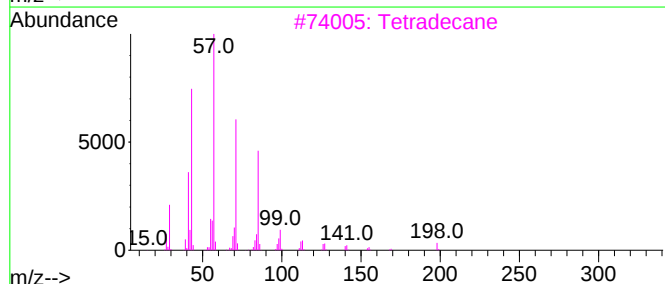
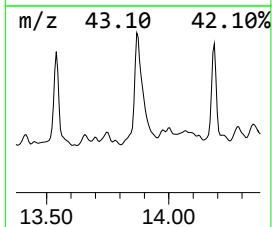
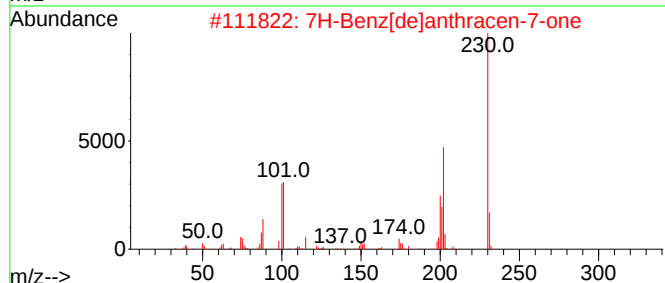
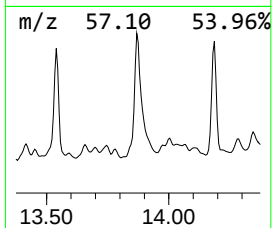
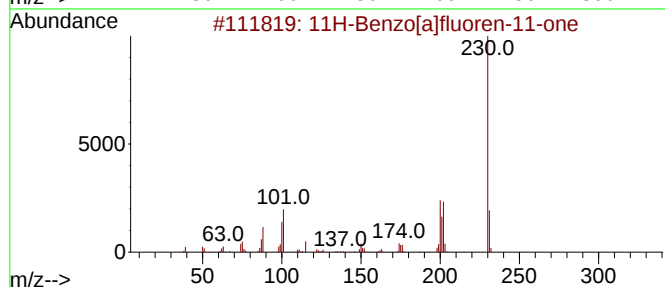
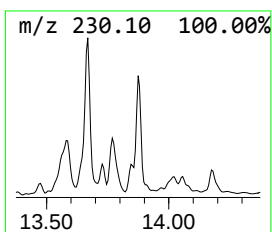
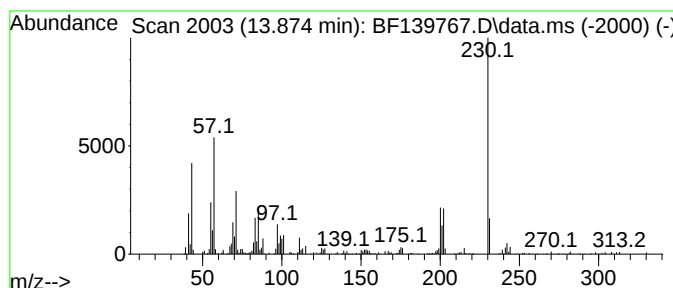
Instrument :
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ClientSampleId :
SB-01-4.25-4.83

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.874	5.43 ng	291776	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	70
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
3	Tetradecane	198	C14H30	000629-59-4	53
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	49
5	5-Nitro-2,3-dimethyl-1,7-trimeth...	230	C13H14N2O2	003480-19-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-01-4.25-4.83

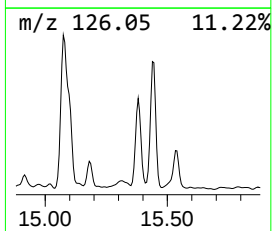
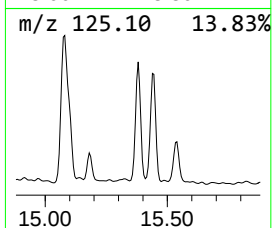
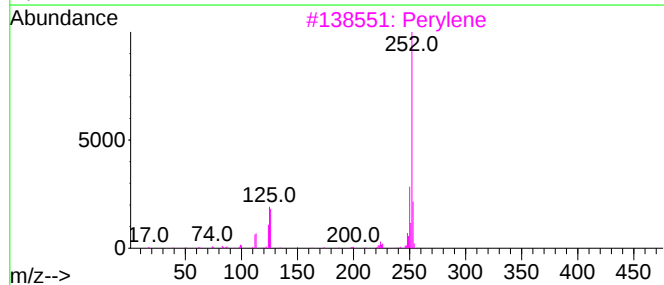
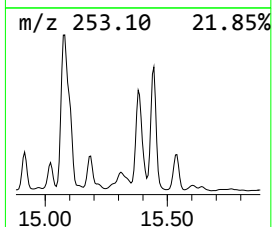
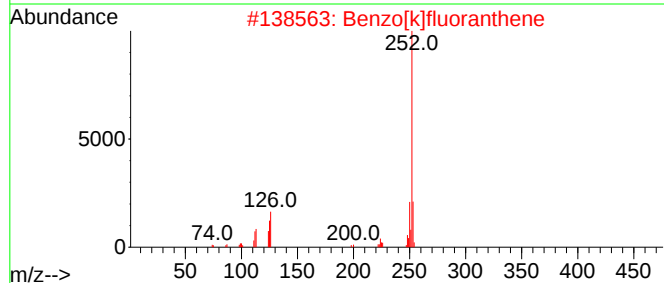
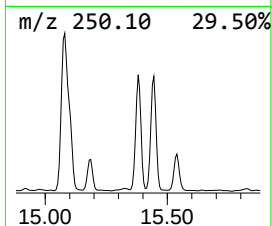
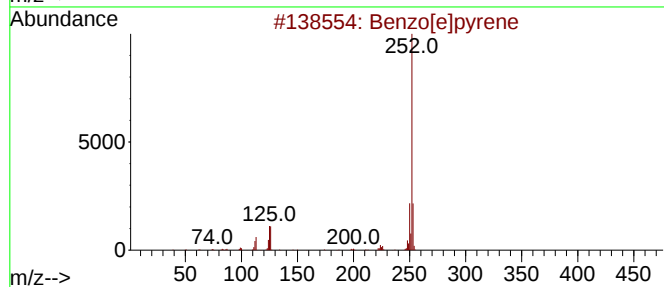
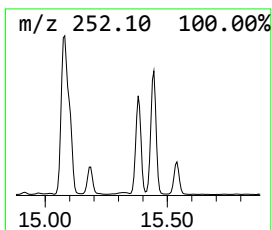
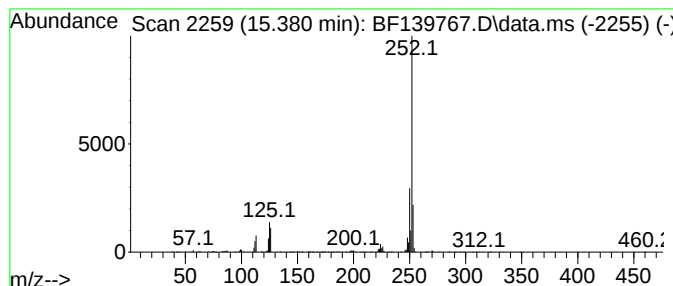
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	11.06 ng	409625	Perylene-d12	15.510

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	97
3		Perylene	252	C20H12	000198-55-0	97
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139767.D
Acq On : 11 Oct 2024 11:27
Operator : RC/JU
Sample : P4364-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-4.25-4.83

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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...	2.163	101.9	ng	3020160	1	6.863	592577	20.0
2-Pentanone, 4-...	5.087	7.2	ng	214247	1	6.863	592577	20.0
Tetradecane	9.298	4.8	ng	192744	3	9.898	802703	20.0
Naphthalene, 2,...	9.557	7.6	ng	303770	3	9.898	802703	20.0
Nonadecane	9.616	4.8	ng	191621	3	9.898	802703	20.0
Hexadecane	9.828	4.0	ng	160485	3	9.898	802703	20.0
Undecane, 6-ethyl-	10.322	9.0	ng	361175	3	9.898	802703	20.0
Tridecane, 2-me...	10.810	18.0	ng	531030	4	11.386	589252	20.0
Naphthalene, 1,...	11.128	7.4	ng	217517	4	11.386	589252	20.0
9H-Fluoren-9-one	11.192	4.2	ng	123289	4	11.386	589252	20.0
Heptacosane	11.245	10.6	ng	310697	4	11.386	589252	20.0
Dibenzothiophene	11.281	5.7	ng	168889	4	11.386	589252	20.0
Decane, 1-iodo-	11.675	6.8	ng	200217	4	11.386	589252	20.0
n-Hexadecanoic ...	11.916	21.6	ng	637396	4	11.386	589252	20.0
Phenanthrene, 4...	11.998	14.1	ng	415564	4	11.386	589252	20.0
Eicosane	12.080	7.3	ng	216462	4	11.386	589252	20.0
Phenanthrene, 2...	12.439	6.8	ng	200361	4	11.386	589252	20.0
Eicosane, 10-me...	12.469	5.2	ng	152251	4	11.386	589252	20.0
11H-Benzo[a]flu...	13.874	5.4	ng	291776	5	14.033	1074210	20.0
Benzo[e]pyrene	15.380	11.1	ng	409625	6	15.510	740894	20.0