

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139538.D
 Acq On : 25 Sep 2024 19:47
 Operator : RC/JU
 Sample : P4172-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20425

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-BF091324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139538.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	5	12	23	rVB	1021588	1552176	89.12%	7.374%
2	5.093	500	510	516	rBV	93505	144452	8.29%	0.686%
3	5.498	572	579	584	rBV	1204019	1622895	93.18%	7.710%
4	6.504	744	750	769	rVB	1298508	1741742	100.00%	8.275%
5	6.875	808	813	818	rBV	449225	537617	30.87%	2.554%
6	6.934	818	823	827	rVB	45235	55330	3.18%	0.263%
7	7.434	902	908	914	rBV	797590	1065694	61.19%	5.063%
8	7.686	947	951	957	rVB	28904	39212	2.25%	0.186%
9	8.157	1025	1031	1036	rBV	548045	677780	38.91%	3.220%
10	8.210	1036	1040	1044	rVV	24155	30322	1.74%	0.144%
11	8.369	1063	1067	1073	rVB3	14215	21485	1.23%	0.102%
12	8.445	1076	1080	1085	rVB5	15990	25831	1.48%	0.123%
13	8.575	1098	1102	1107	rBV	23222	34661	1.99%	0.165%
14	9.175	1201	1204	1208	rVB	20972	24592	1.41%	0.117%
15	9.228	1208	1213	1219	rBV	1011241	1309979	75.21%	6.224%
16	9.310	1223	1227	1231	rVV3	18284	25379	1.46%	0.121%
17	9.569	1267	1271	1273	rVV3	13722	18605	1.07%	0.088%
18	9.622	1277	1280	1284	rVB2	24357	34750	2.00%	0.165%
19	9.775	1303	1306	1309	rBV3	18282	23784	1.37%	0.113%
20	9.822	1310	1314	1318	rVB2	20937	30015	1.72%	0.143%
21	9.910	1323	1329	1333	rVV	556751	699657	40.17%	3.324%
22	9.945	1333	1335	1340	rVB3	17279	22962	1.32%	0.109%
23	10.316	1395	1398	1404	rBV4	30694	44506	2.56%	0.211%
24	10.457	1419	1422	1427	rBV2	19222	25577	1.47%	0.122%
25	10.622	1446	1450	1456	rVB	92740	116194	6.67%	0.552%
26	10.698	1458	1463	1469	rBV	680141	877464	50.38%	4.169%
27	10.822	1480	1484	1491	rVB	65406	91478	5.25%	0.435%
28	11.292	1560	1564	1570	rVB2	68749	103427	5.94%	0.491%
29	11.398	1577	1582	1584	rBV	475739	626789	35.99%	2.978%
30	11.921	1664	1671	1677	rBV2	210090	341767	19.62%	1.624%
31	12.010	1683	1686	1694	rVB3	85332	155194	8.91%	0.737%
32	12.610	1784	1788	1793	rVB	463513	562853	32.32%	2.674%
33	12.839	1821	1827	1832	rVB	441140	644556	37.01%	3.062%
34	12.980	1846	1851	1858	rVB	649144	856779	49.19%	4.071%
35	13.057	1859	1864	1871	rVB3	38509	74588	4.28%	0.354%
36	13.233	1891	1894	1896	rBV	26632	27414	1.57%	0.130%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.268	1896	1900	1904	rBV2	77361	94975	5.45%	0.451%
38	13.363	1912	1916	1918	rBV2	77393	91190	5.24%	0.433%
39	13.392	1918	1921	1925	rVB	65562	75997	4.36%	0.361%
40	13.674	1964	1969	1973	rVB	112644	168465	9.67%	0.800%
41	13.733	1975	1979	1982	rBV	98461	115920	6.66%	0.551%
42	13.774	1982	1986	1995	rBV5	138865	341803	19.62%	1.624%
43	13.851	1995	1999	2001	rBV2	64356	92982	5.34%	0.442%
44	13.880	2002	2004	2008	rVB2	92543	119884	6.88%	0.570%
45	13.957	2014	2017	2022	rBV3	27160	61028	3.50%	0.290%
46	14.033	2022	2030	2033	rBV2	537374	1008974	57.93%	4.794%
47	14.115	2041	2044	2051	rBV3	126517	169793	9.75%	0.807%
48	14.198	2051	2058	2065	rVV4	103248	240552	13.81%	1.143%
49	14.315	2076	2078	2081	rVB2	41926	40694	2.34%	0.193%
50	14.351	2081	2084	2087	rVB2	31406	31547	1.81%	0.150%
51	14.421	2087	2096	2099	rBV	325964	647876	37.20%	3.078%
52	14.457	2099	2102	2105	rVB	131896	150742	8.65%	0.716%
53	14.545	2114	2117	2120	rBV2	76765	89878	5.16%	0.427%
54	14.721	2144	2147	2149	rBV3	34071	43536	2.50%	0.207%
55	14.757	2149	2153	2159	rVV	174086	357767	20.54%	1.700%
56	14.810	2159	2162	2165	rVV2	151456	218114	12.52%	1.036%
57	14.845	2165	2168	2172	rVV	165184	234654	13.47%	1.115%
58	14.886	2173	2175	2178	rVV	47550	62544	3.59%	0.297%
59	14.921	2179	2181	2188	rVB3	56669	98825	5.67%	0.470%
60	15.080	2203	2208	2215	rBV	214675	440272	25.28%	2.092%
61	15.386	2255	2260	2265	rBV	174269	263204	15.11%	1.250%
62	15.445	2265	2270	2276	rVV	189106	325959	18.71%	1.549%
63	15.510	2276	2281	2302	rVB2	237193	603989	34.68%	2.870%
64	15.827	2332	2335	2339	rBV	46895	66428	3.81%	0.316%
65	15.868	2339	2342	2349	rVB	72715	109322	6.28%	0.519%
66	15.957	2350	2357	2361	rBV6	44086	139988	8.04%	0.665%
67	16.980	2526	2531	2539	rVB2	60871	134857	7.74%	0.641%
68	17.421	2601	2606	2617	rVB	54350	118711	6.82%	0.564%

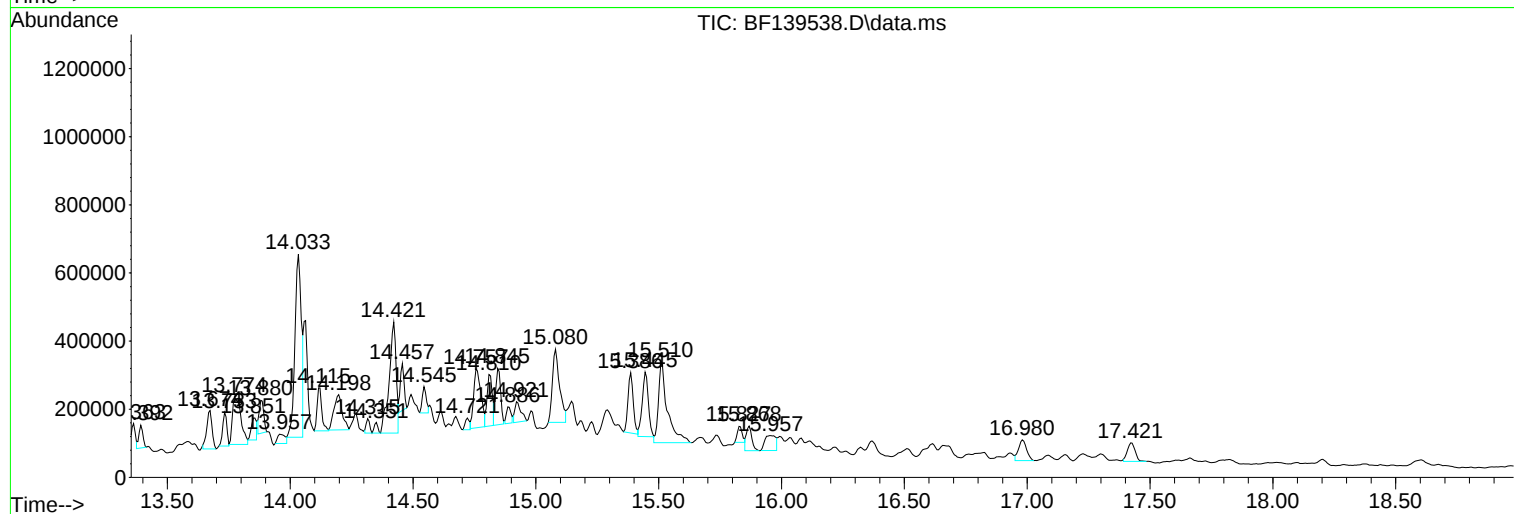
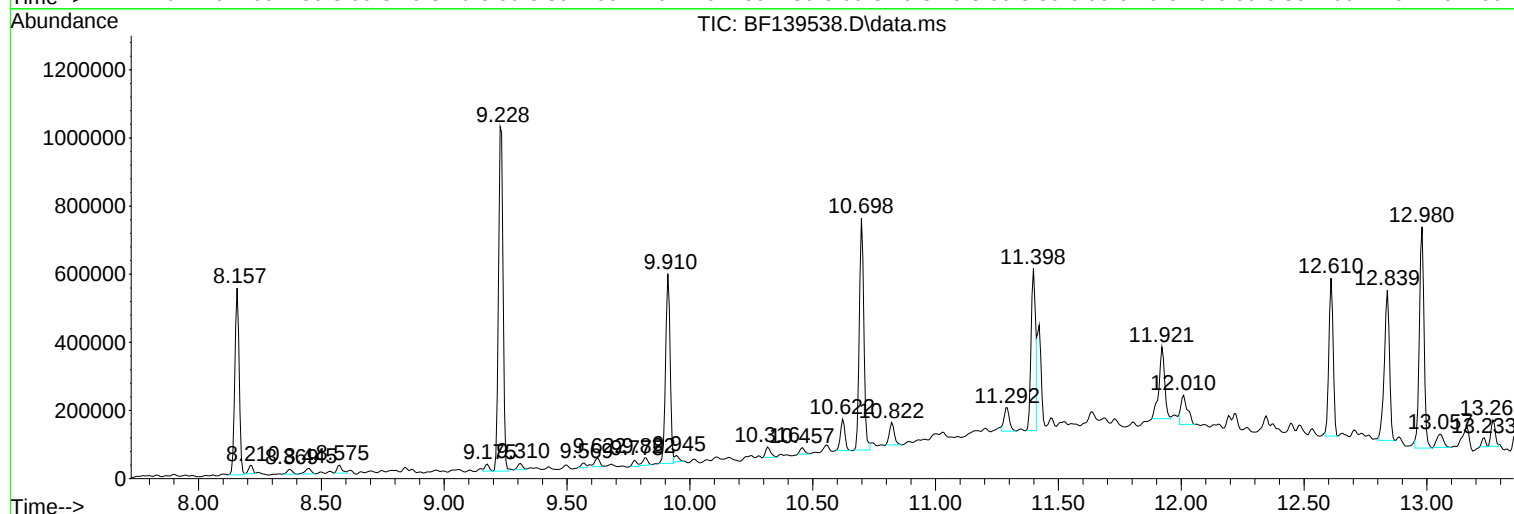
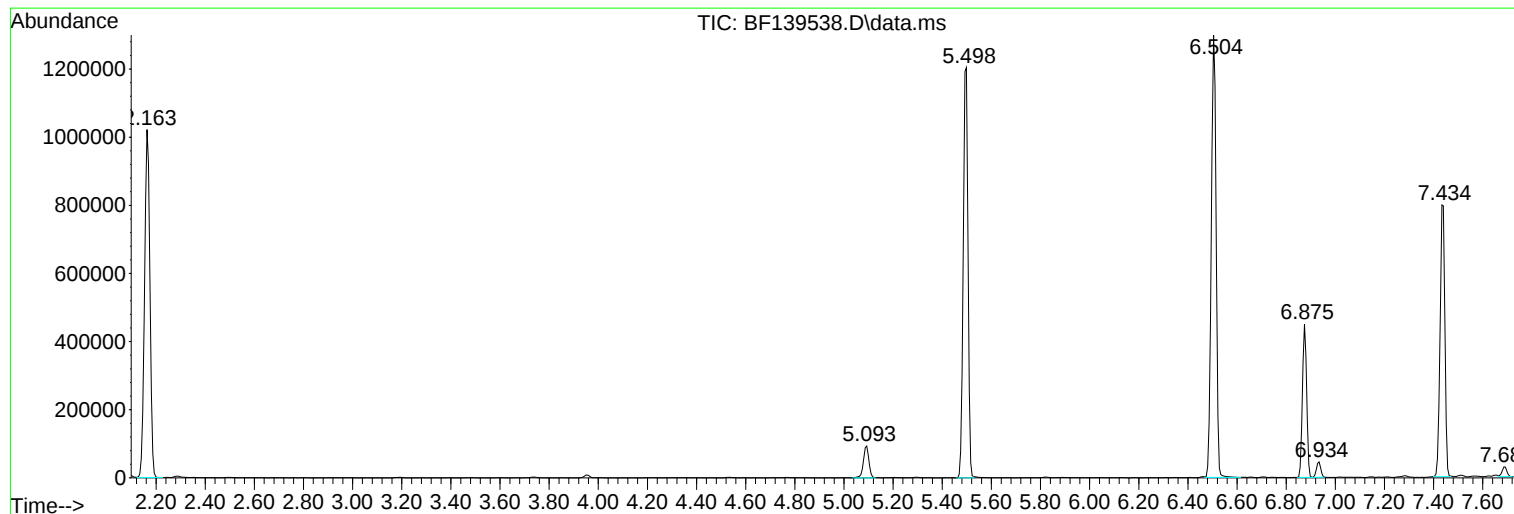
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ClientSampleId :
CHRT-20425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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Operator : RC/JU
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ALS Vial : 11 Sample Multiplier: 1

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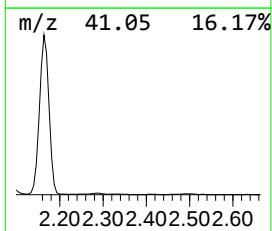
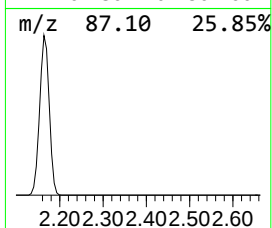
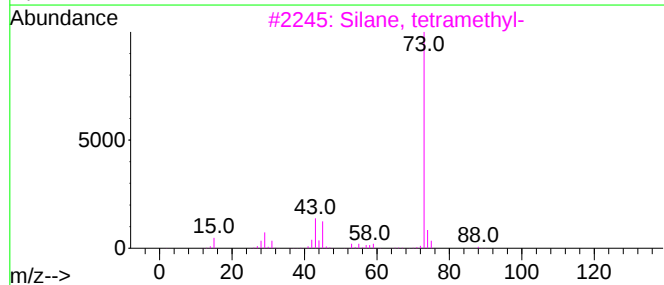
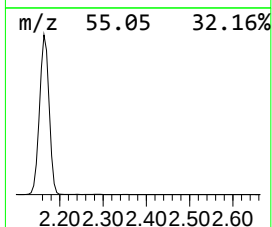
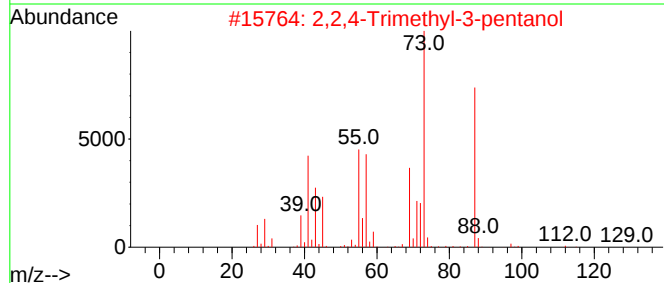
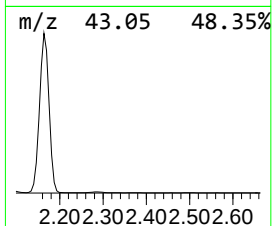
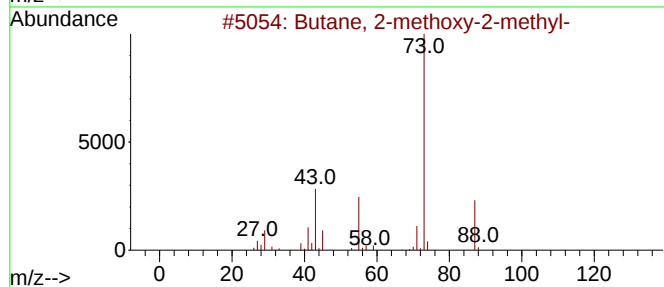
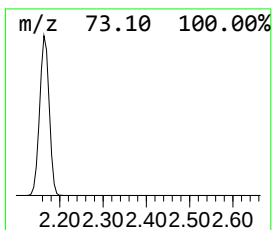
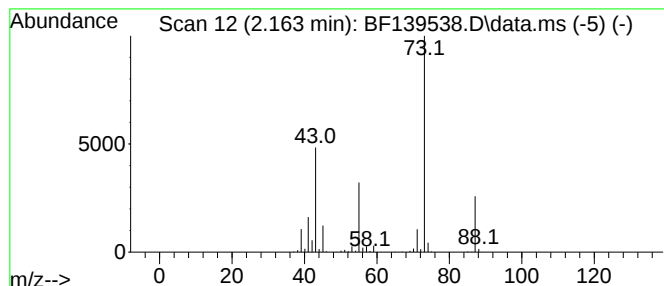
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	57.74 ng	1552180	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	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23



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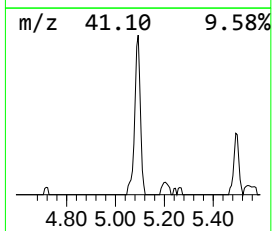
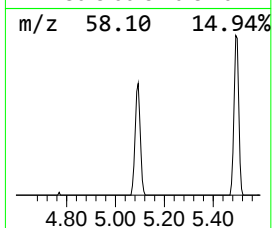
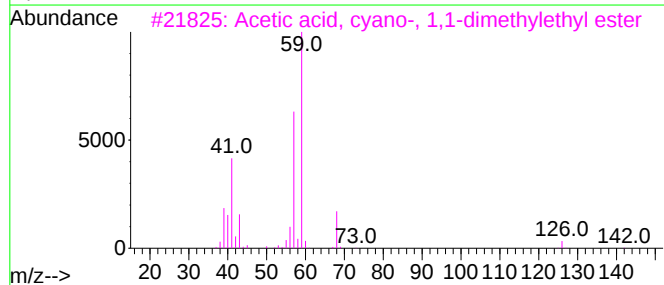
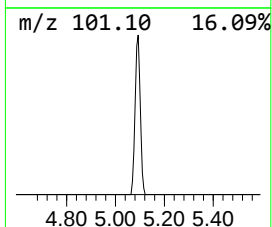
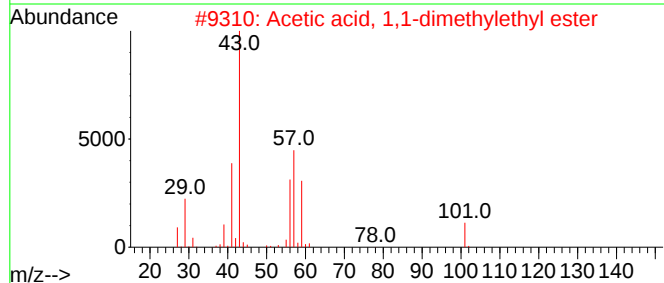
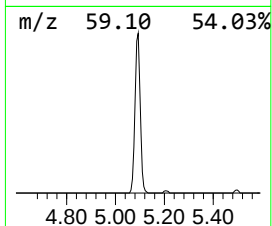
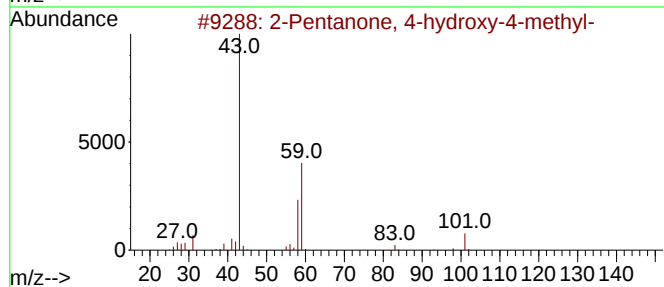
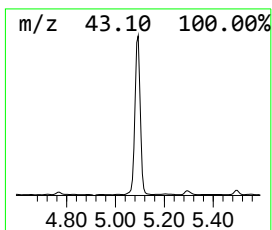
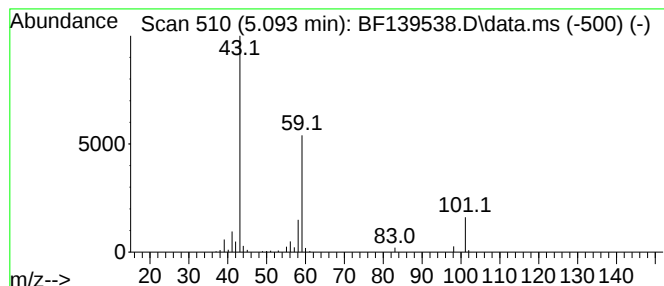
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	5.37 ng	144452	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	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12



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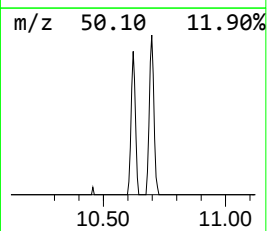
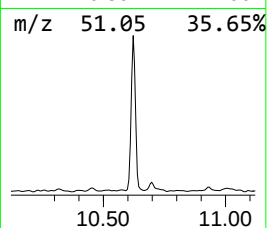
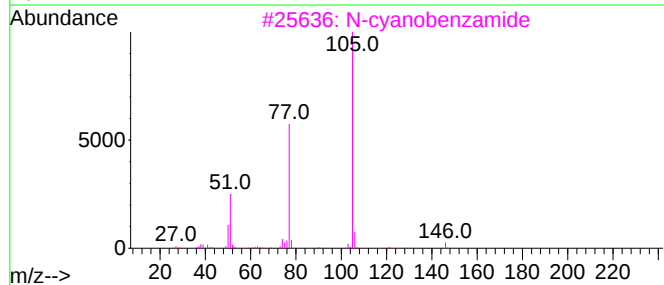
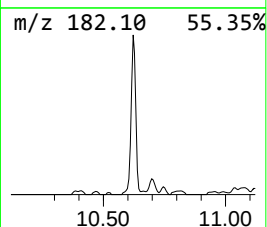
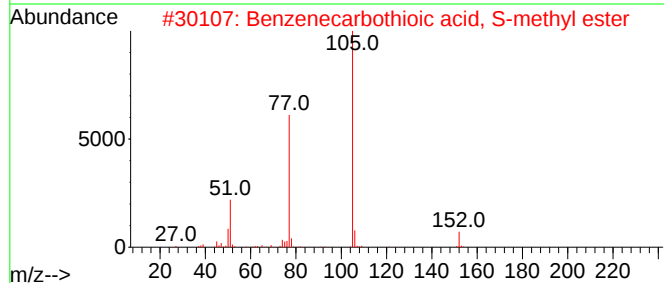
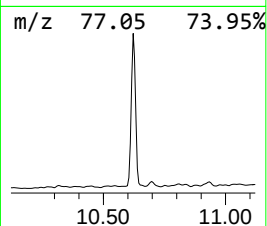
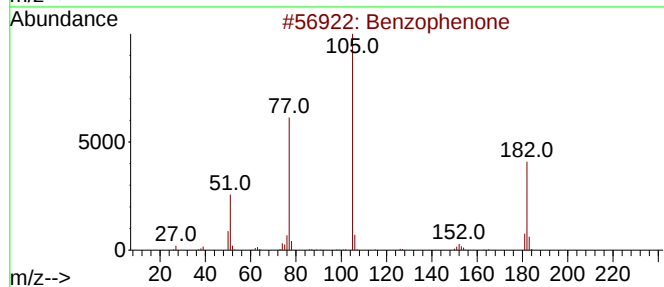
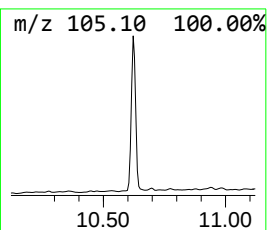
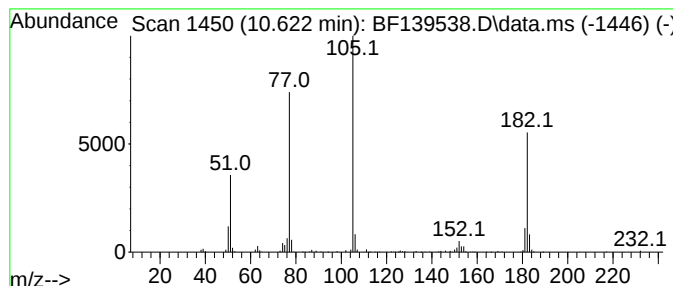
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	3.32 ng	116194	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	70
3			N-cyanobenzamide	146	C8H6N2O	015150-25-1	64
4			Vinyl benzoate	148	C9H8O2	000769-78-8	52
5			Benzoylformic acid	150	C8H6O3	000611-73-4	52



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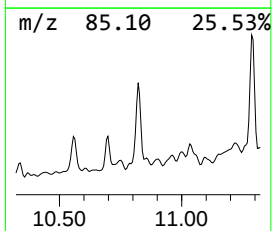
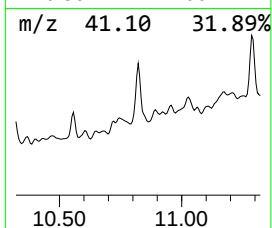
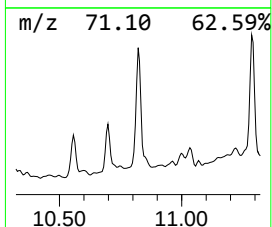
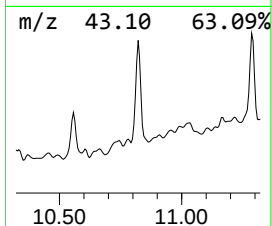
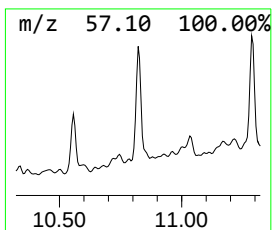
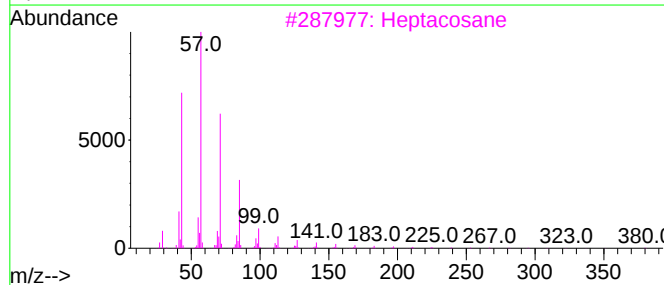
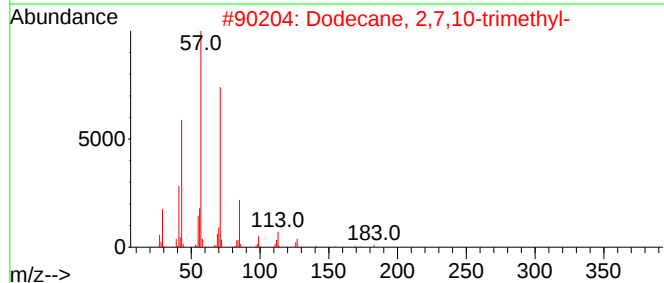
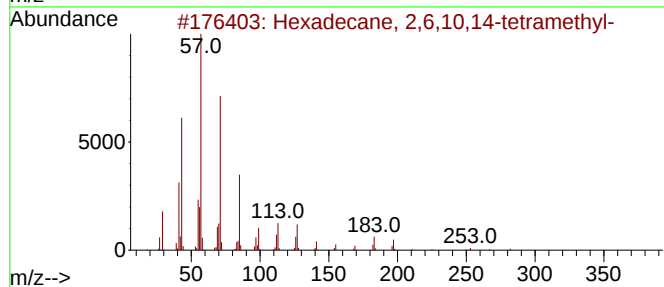
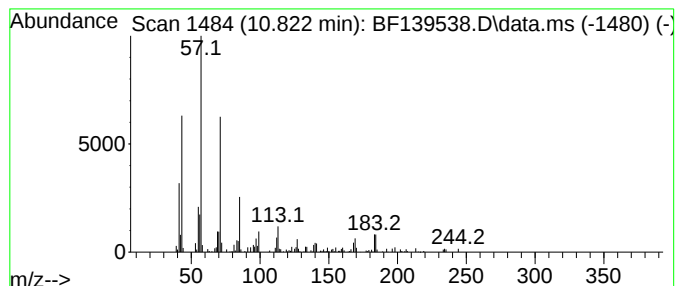
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane, 2,6,10,14-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	2.92 ng	91478	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3			Heptacosane	380	C27H56	000593-49-7	72
4			Pentadecane	212	C15H32	000629-62-9	72
5			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	68



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Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
Operator : RC/JU
Sample : P4172-04
Misc :
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ClientSampleId :
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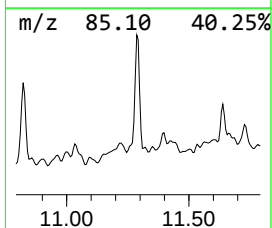
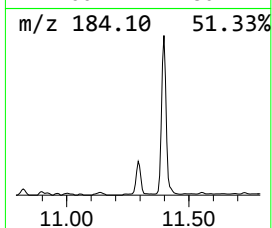
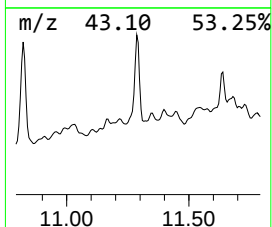
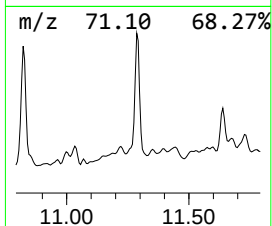
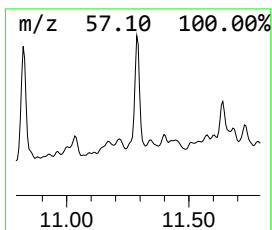
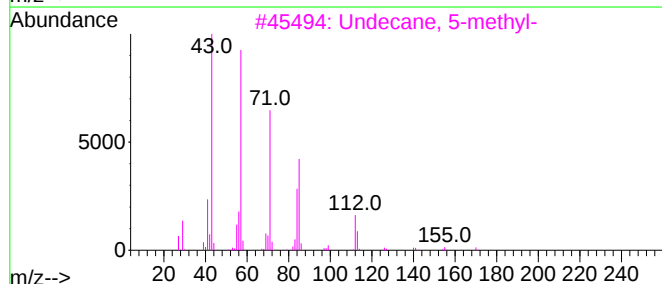
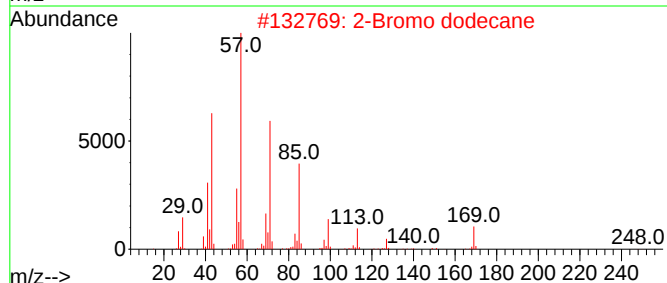
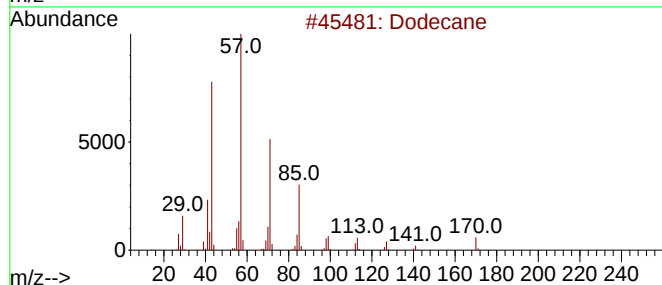
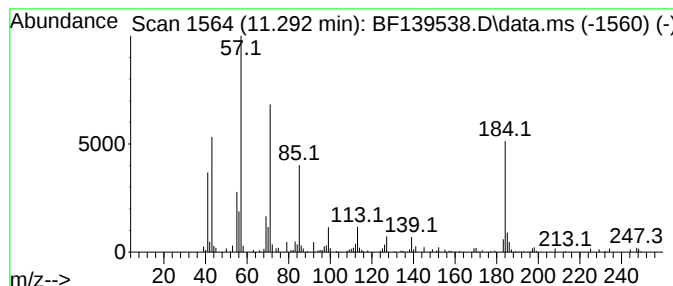
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	3.30 ng	103427	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	70
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	58
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	58
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
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Sample : P4172-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
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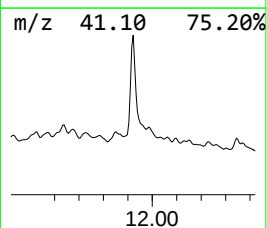
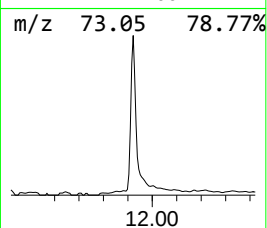
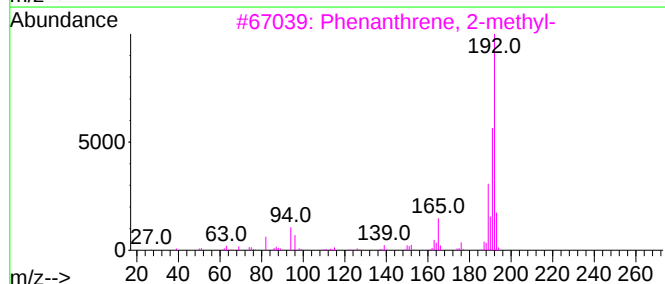
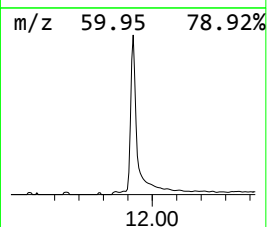
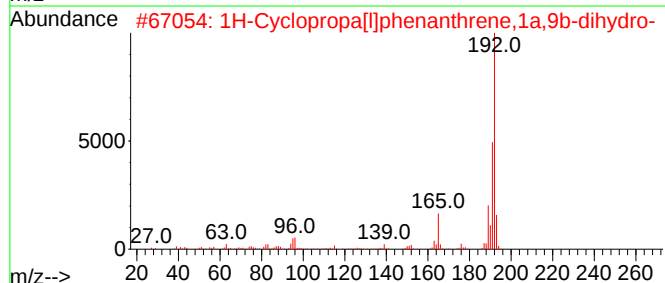
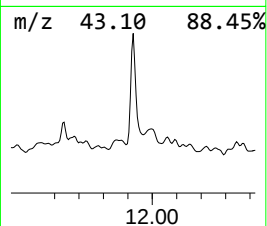
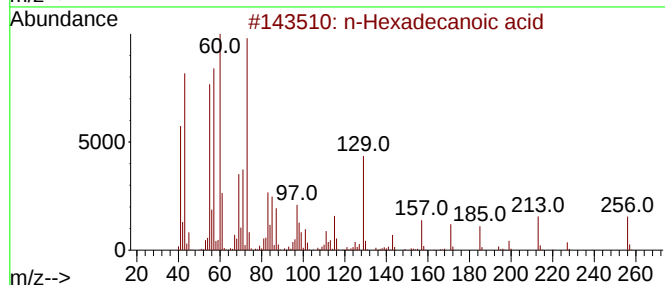
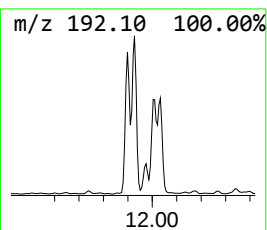
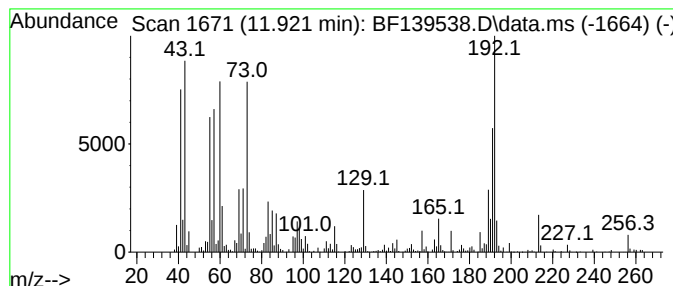
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	10.91 ng	341767	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
Operator : RC/JU
Sample : P4172-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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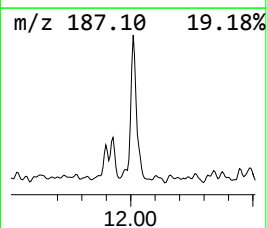
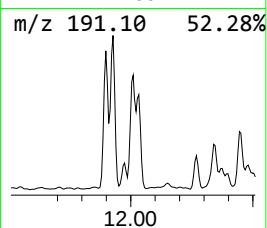
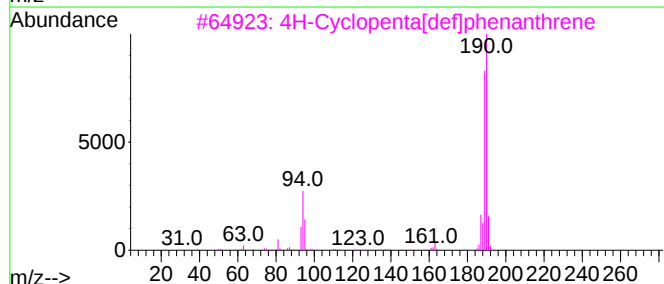
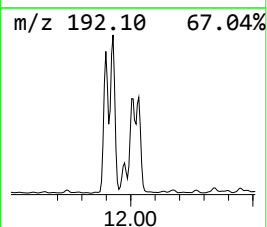
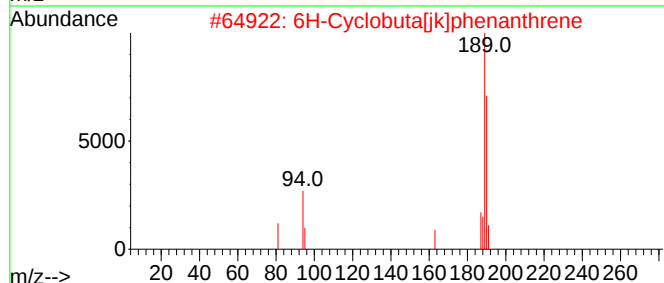
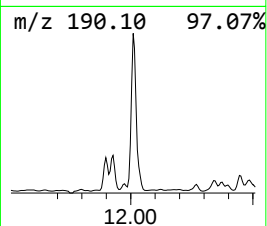
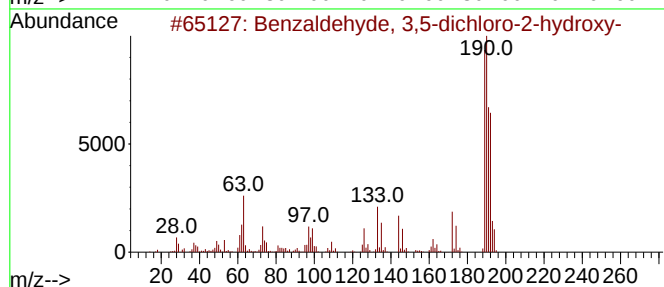
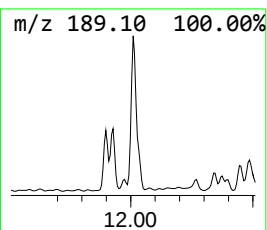
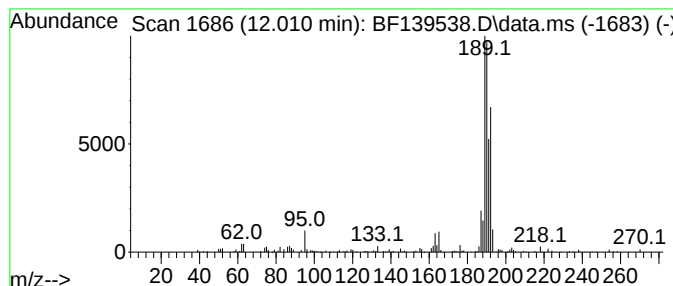
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	4.95 ng	155194	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4			5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
5			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
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Sample : P4172-04
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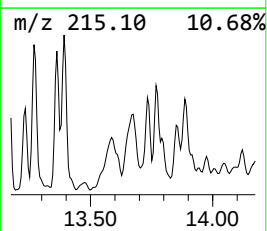
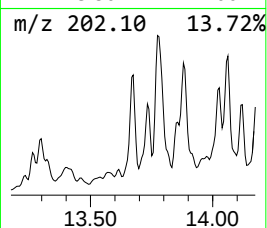
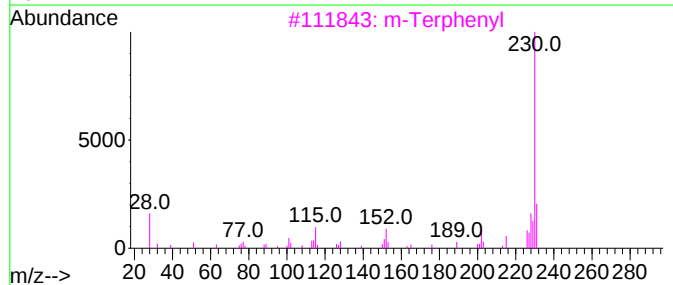
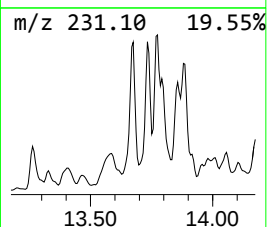
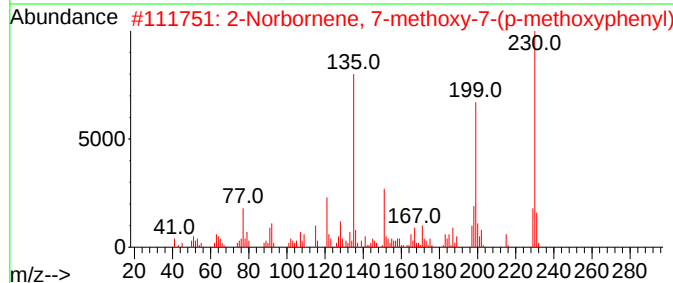
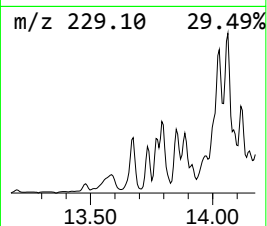
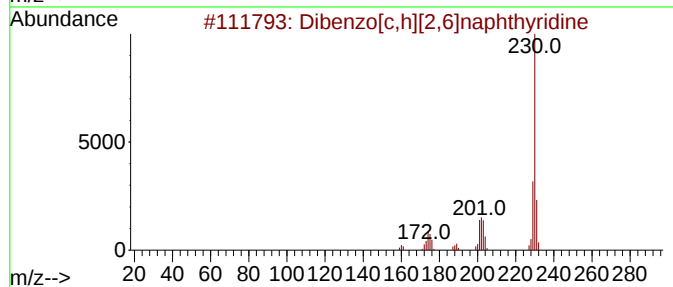
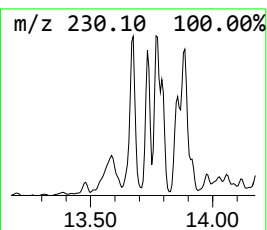
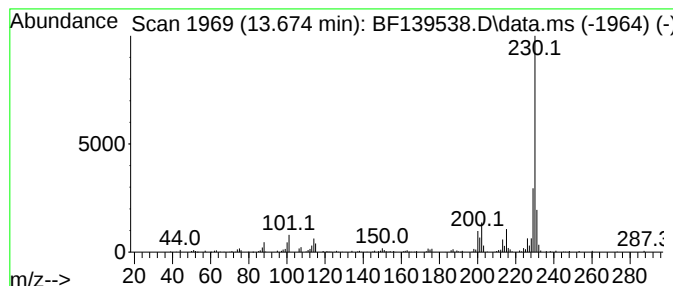
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzo[c,h][2,6]naphthyridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.674	3.34 ng	168465	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	80
2	2-Norbornene, 7-methoxy-7-(p-met...	230	C15H18O2	027999-78-6	80
3	m-Terphenyl	230	C18H14	000092-06-8	74
4	2,2'-Bi-1H-indene	230	C18H14	000787-61-1	72
5	Visnagin	230	C13H10O4	000082-57-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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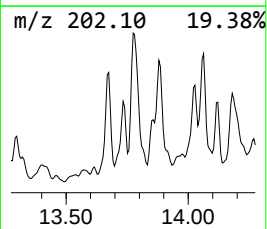
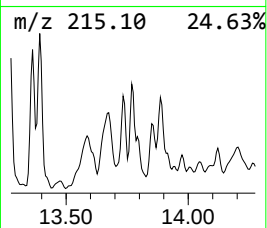
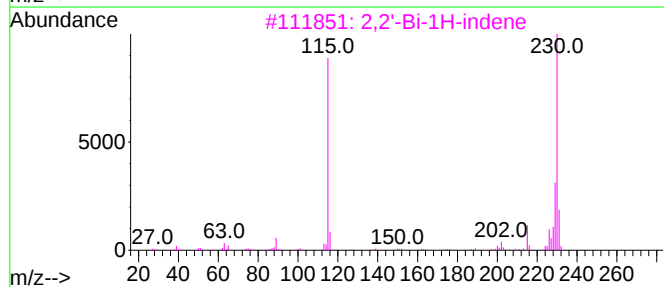
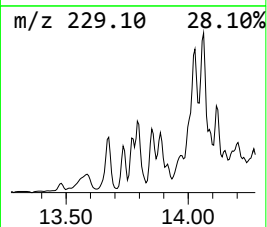
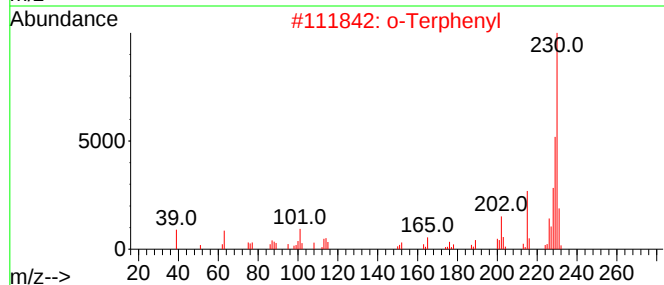
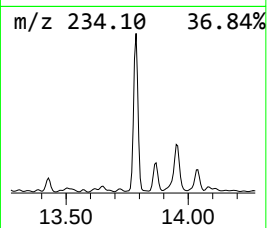
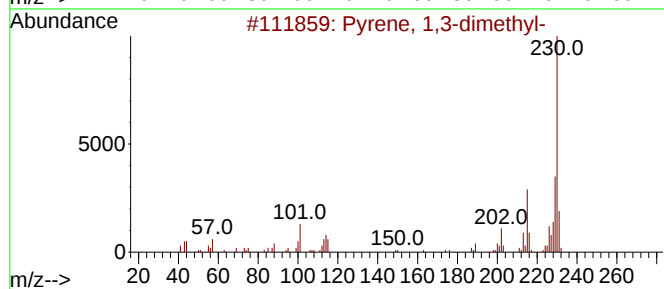
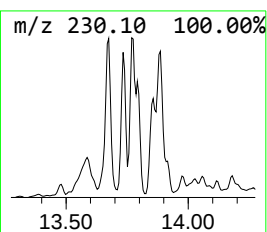
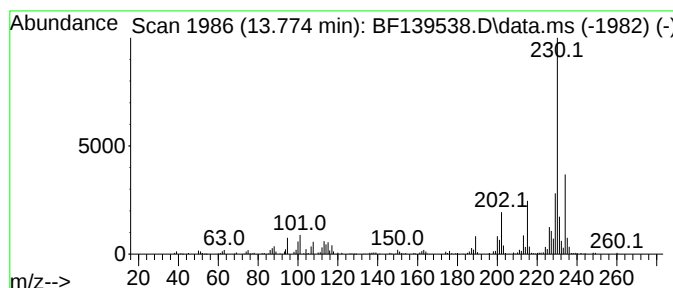
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pyrene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	6.78 ng	341803	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	89
2			o-Terphenyl	230	C18H14	000084-15-1	70
3			2,2'-Bi-1H-indene	230	C18H14	000787-61-1	58
4			Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	58
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
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ClientSampleId :
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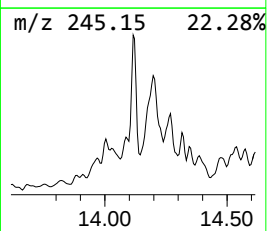
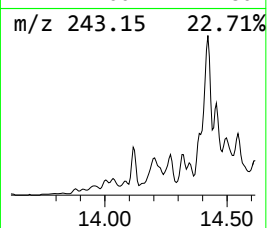
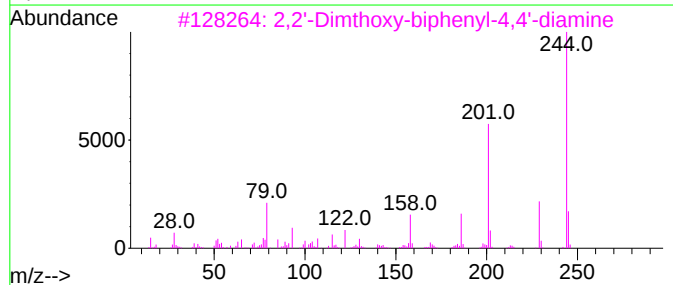
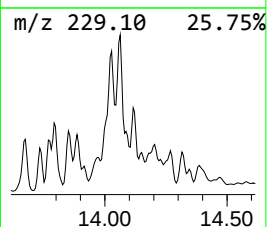
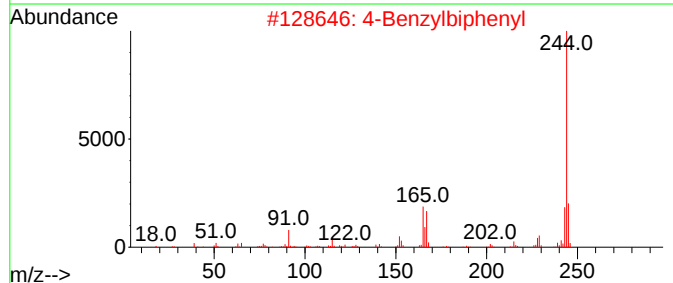
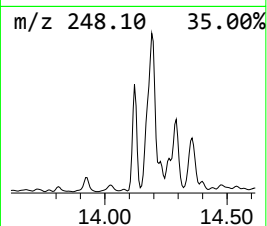
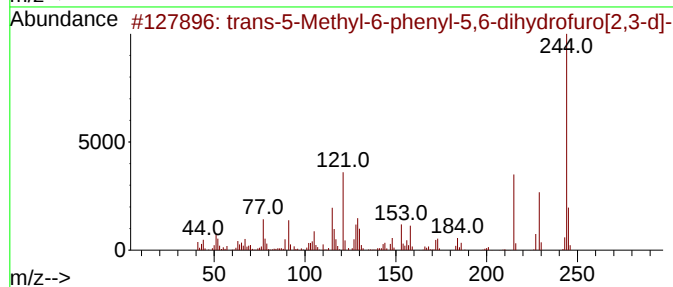
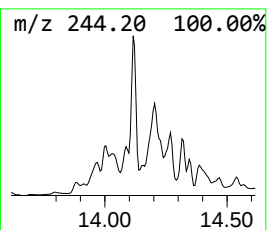
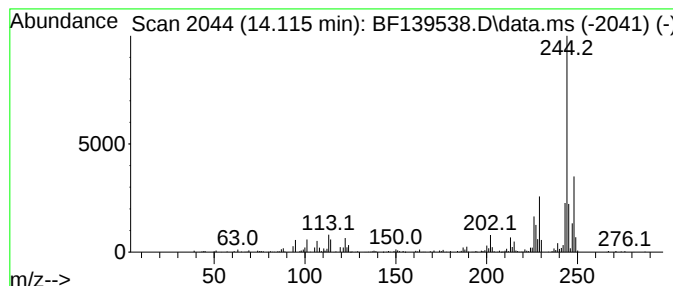
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 trans-5-Methyl-6-phenyl-5,6... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.116	3.37 ng	169793	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-5-Methyl-6-phenyl-5,6-dihy...	244	C13H12N2O3	1000212-27-9	53
2			4-Benzylbiphenyl	244	C19H16	000613-42-3	49
3			2,2'-Dimethoxy-biphenyl-4,4'-diamine	244	C14H16N2O2	004746-75-2	49
4			p-Terphenyl-d14	244	C18D14	001718-51-0	49
5			Pyrido[2,3-b]indole, 2-phenyl-	244	C17H12N2	064677-58-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
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ClientSampleId :
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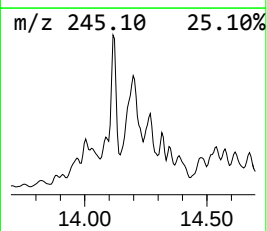
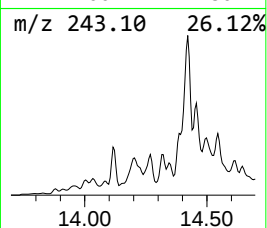
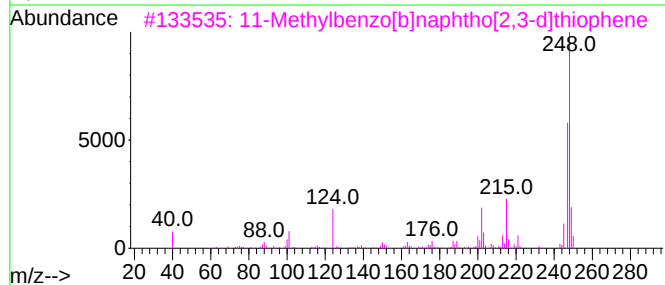
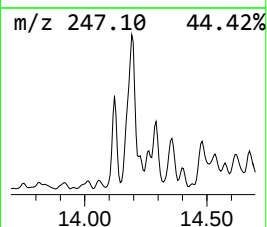
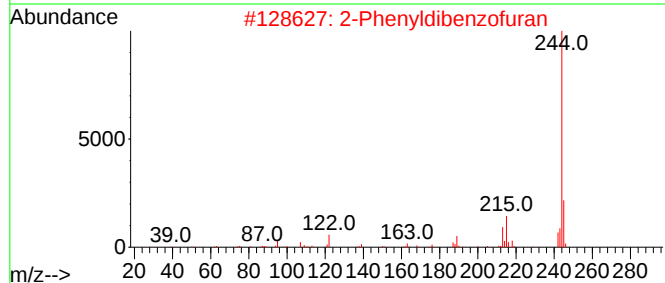
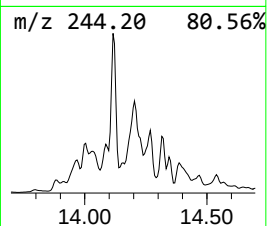
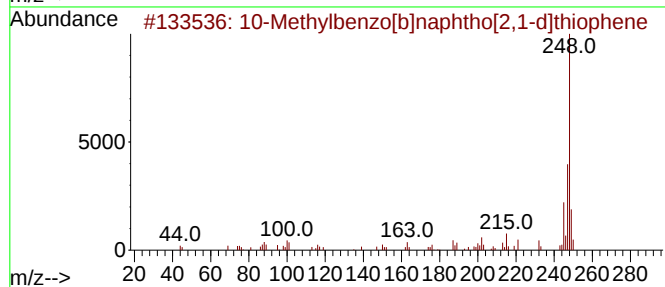
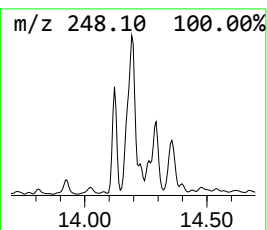
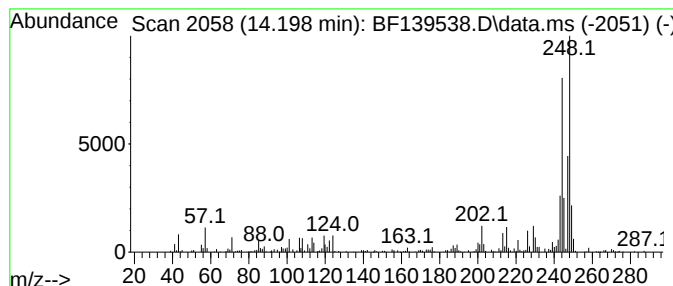
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 10-Methylbenzo[b]naphtho[2,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.198	4.77 ng	240552	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylbenzo[b]naphtho[2,1-d]t...	248	C17H12S	083821-58-3	64
2			2-Phenyldibenzofuran	244	C18H12O	078210-31-8	60
3			11-Methylbenzo[b]naphtho[2,3-d]t...	248	C17H12S	079966-33-9	50
4			3-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	004567-45-7	49
5			Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024360-63-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
Operator : RC/JU
Sample : P4172-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-20425

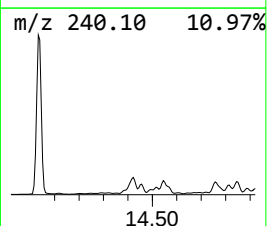
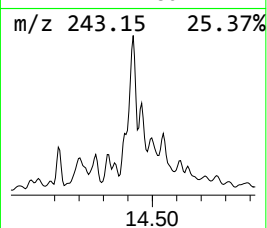
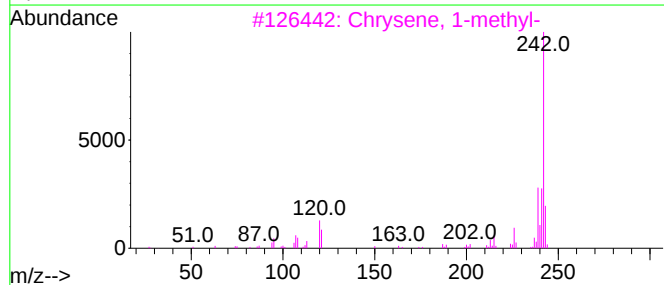
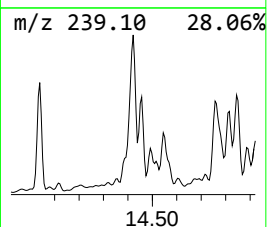
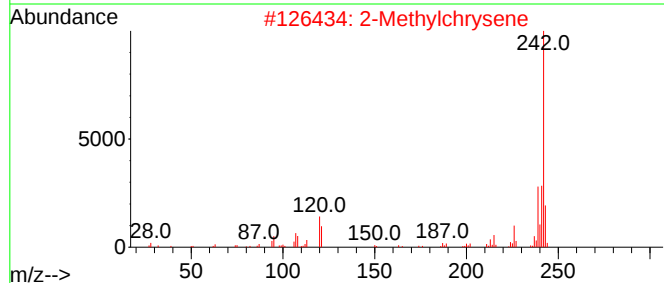
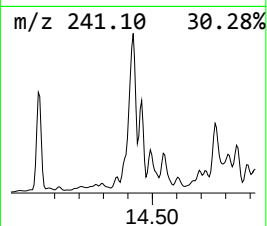
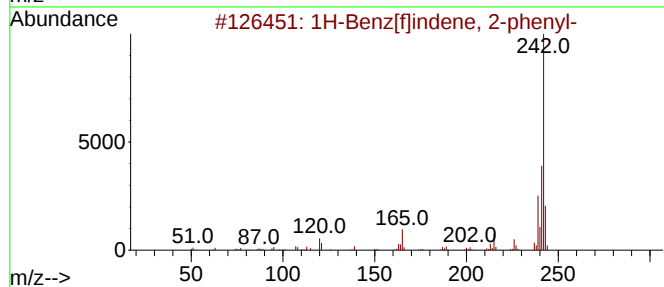
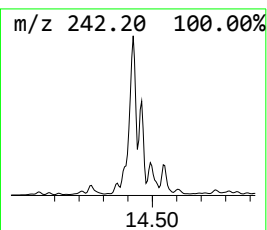
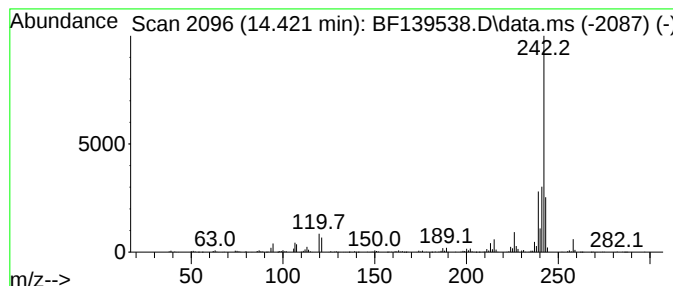
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Benz[f]indene, 2-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.421	12.84 ng	647876	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	96
2			2-Methylchrysene	242	C19H14	003351-32-4	95
3			Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
4			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	95
5			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
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Sample : P4172-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHRT-20425

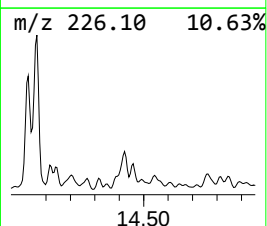
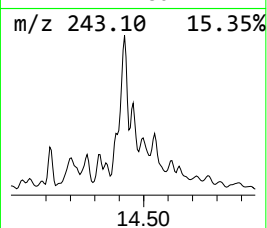
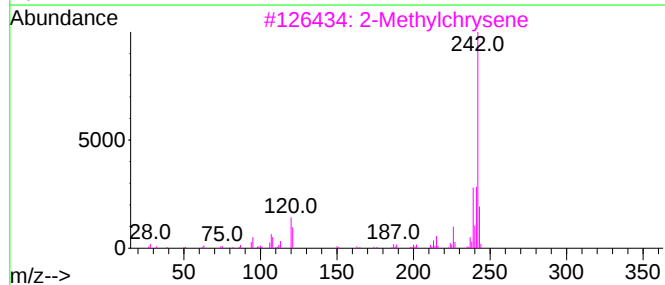
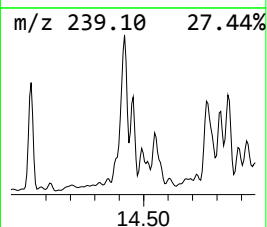
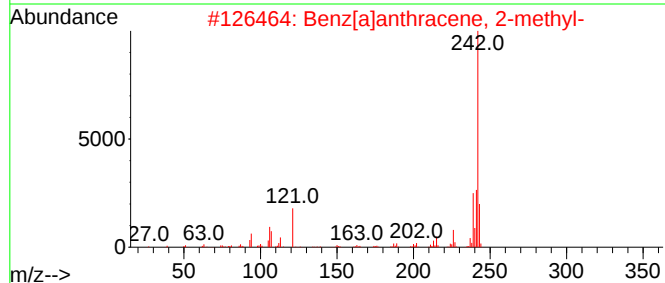
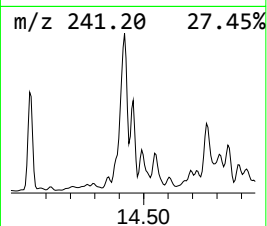
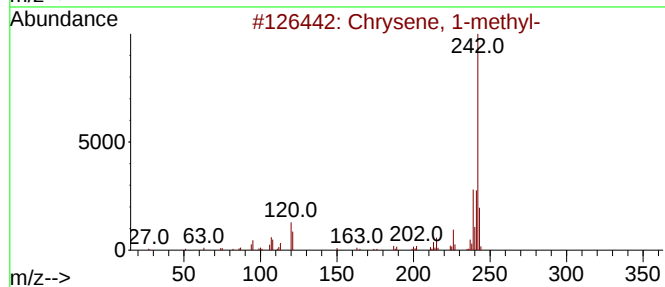
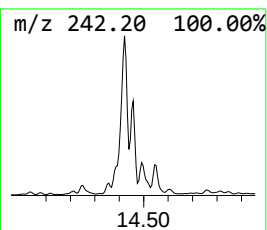
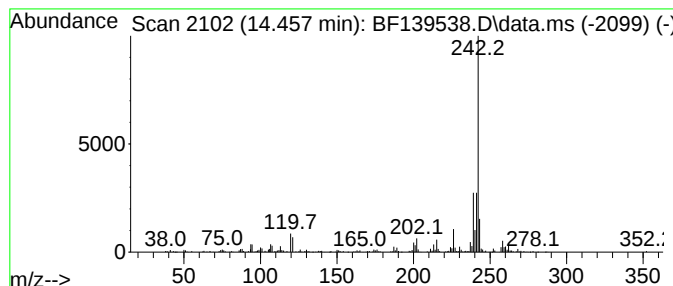
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Chrysene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	2.99 ng	150742	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	95
3			2-Methylchrysene	242	C19H14	003351-32-4	93
4			Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	93
5			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
Operator : RC/JU
Sample : P4172-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

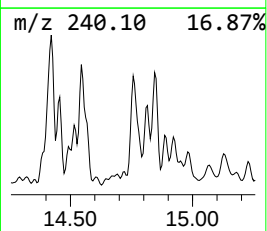
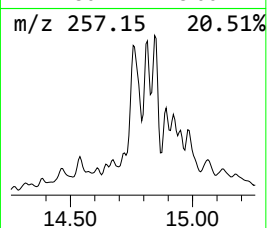
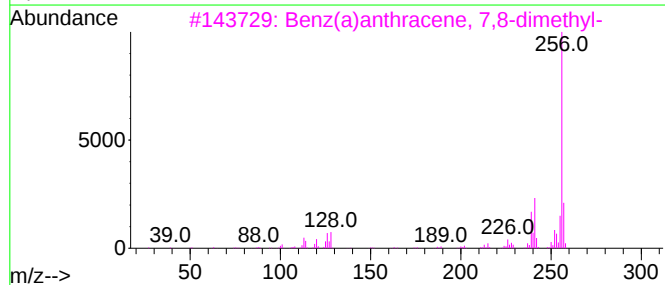
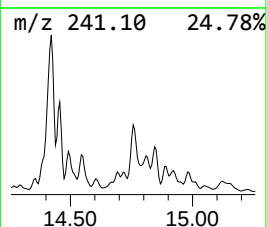
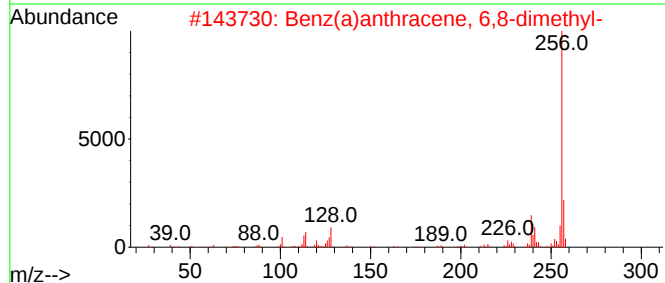
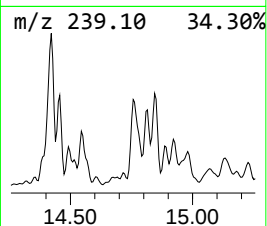
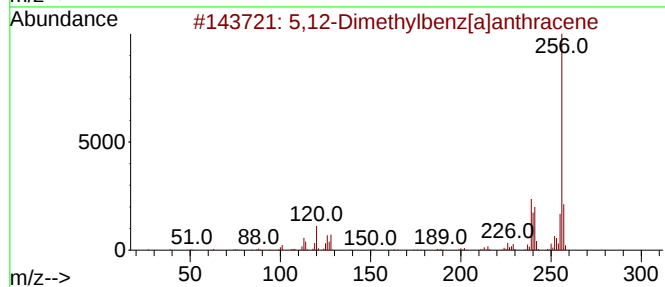
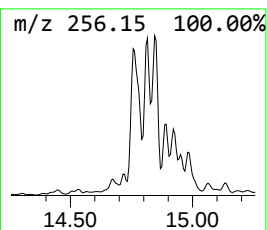
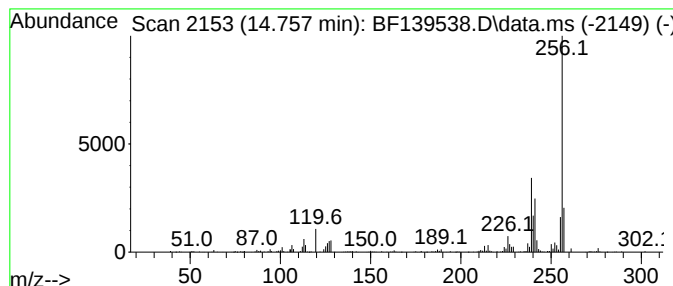
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5,12-Dimethylbenz[a]anthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.757	7.09 ng	357767	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	93
2	Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	93
3	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	91
4	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	89
5	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
Operator : RC/JU
Sample : P4172-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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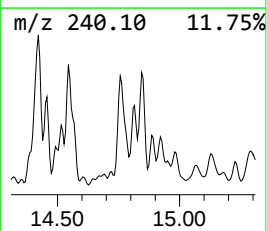
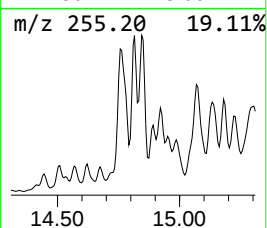
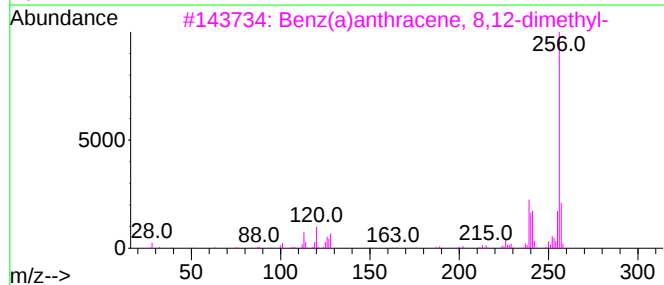
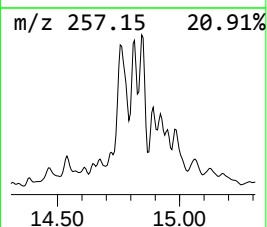
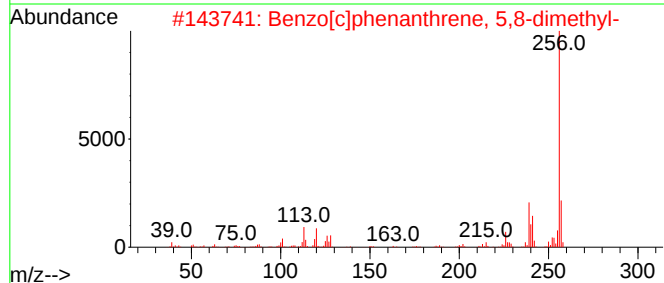
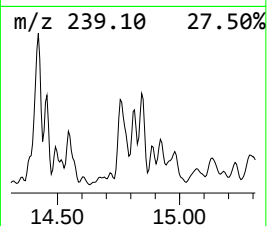
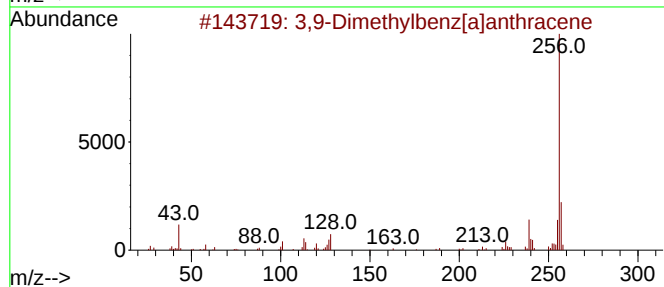
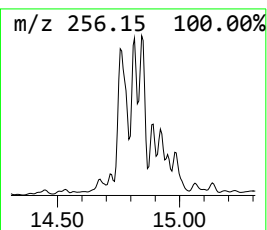
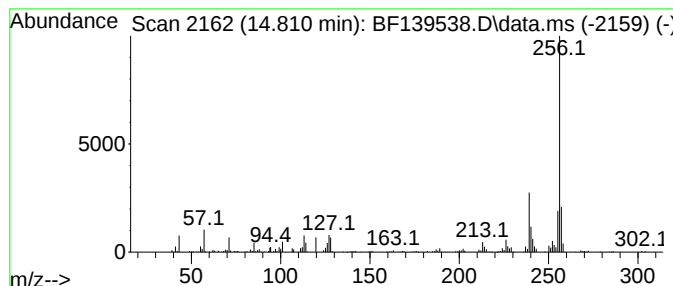
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3,9-Dimethylbenz[a]anthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	7.22 ng	218114	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	97
2			Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	93
3			Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	93
4			Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	93
5			Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
Operator : RC/JU
Sample : P4172-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

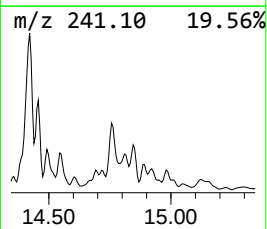
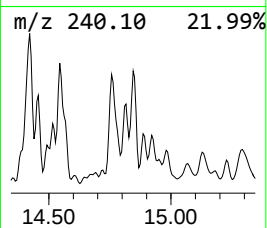
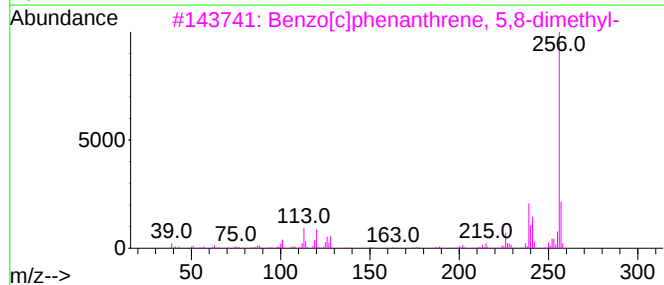
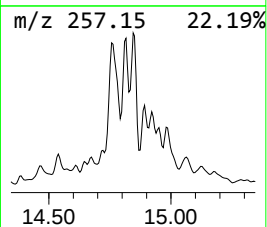
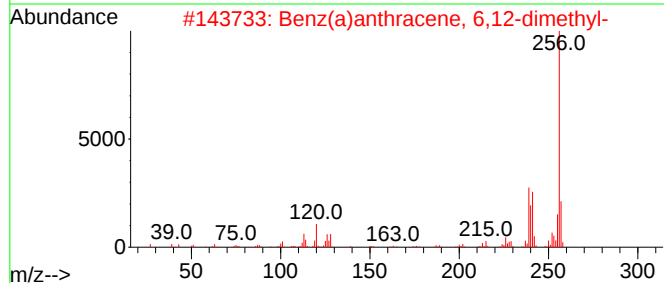
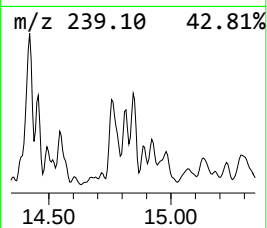
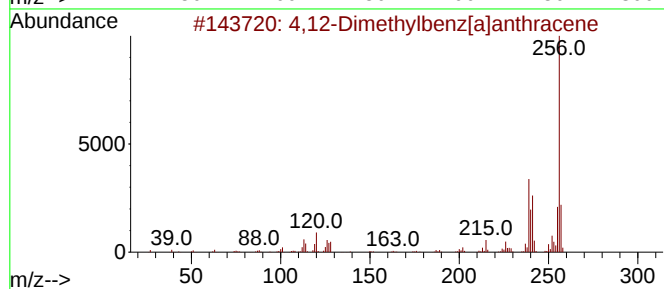
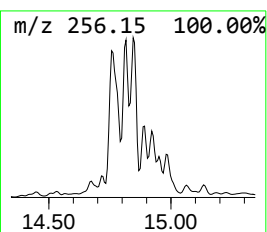
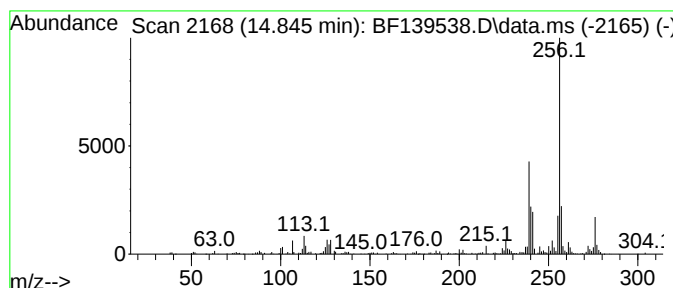
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4,12-Dimethylbenz[a]anthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.845	7.77 ng	234654	Perylene-d12	15.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	93
2	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	92
3	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	90
4	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	89
5	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

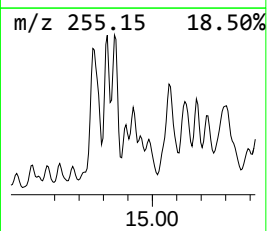
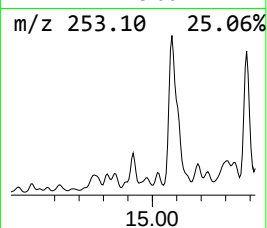
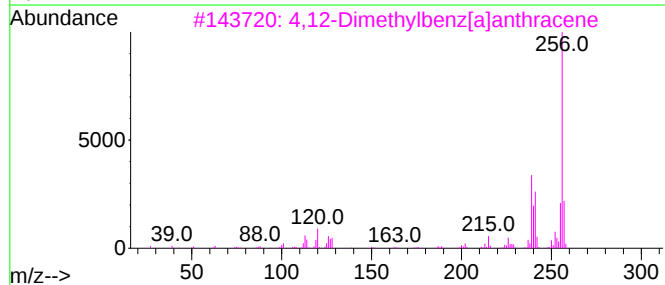
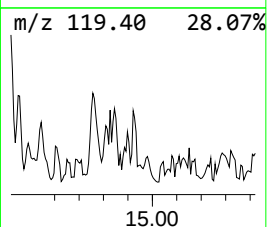
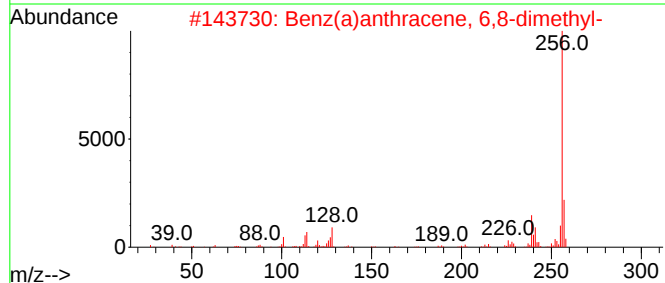
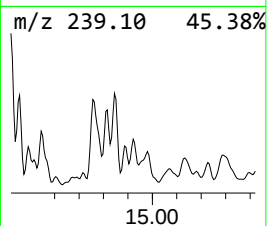
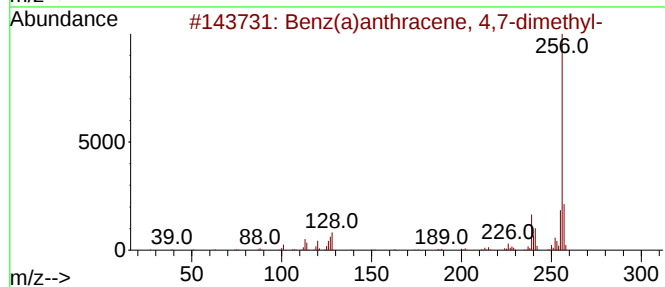
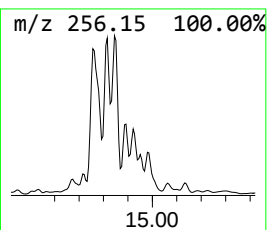
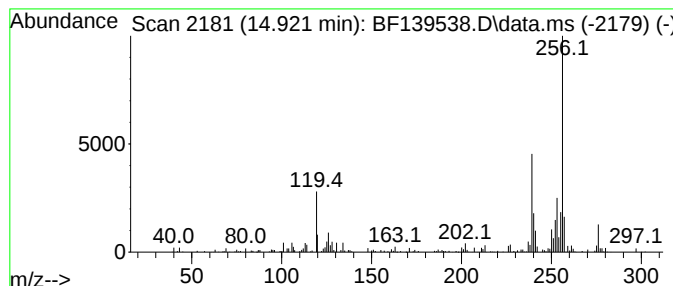
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benz(a)anthracene, 4,7-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.921	3.27 ng	98825	Perylene-d12	15.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	70
2	Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	53
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	53
4	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	49
5	3,4-Dihydro-1,1'-binaphthalene	256	C20H16	021039-44-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
Operator : RC/JU
Sample : P4172-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-20425

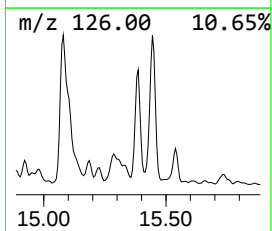
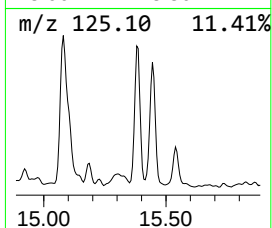
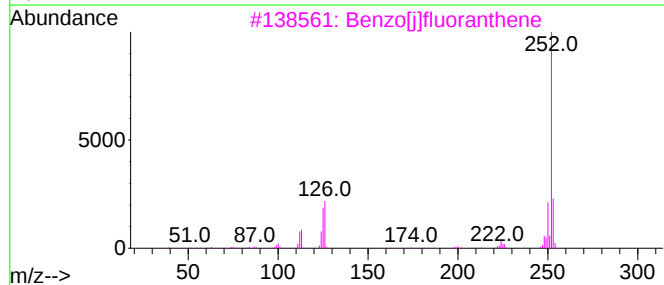
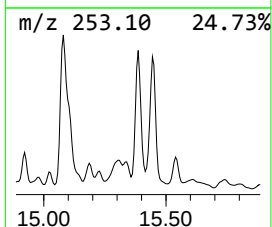
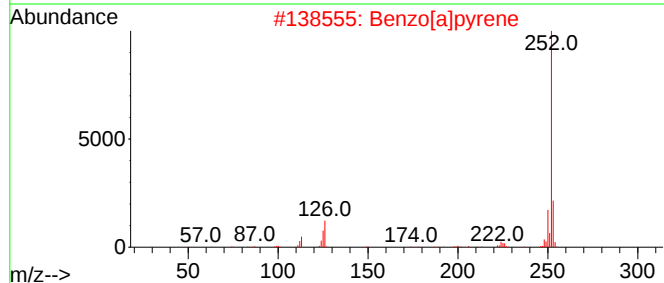
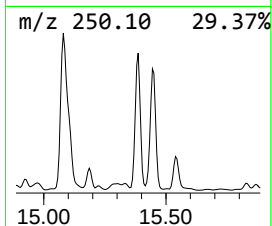
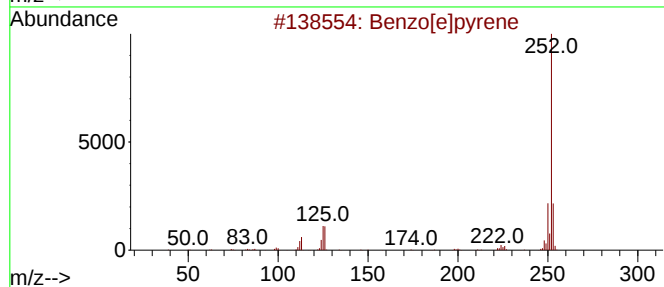
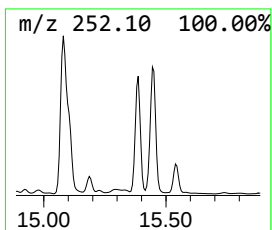
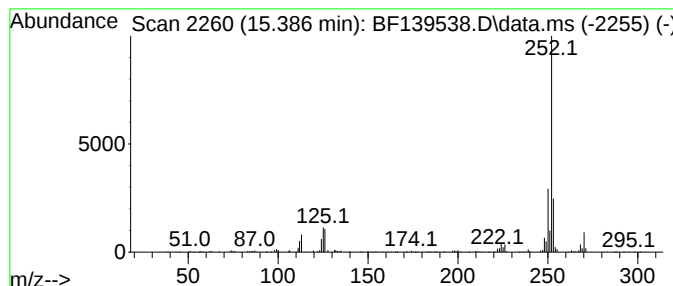
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	8.72 ng	263204	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
Operator : RC/JU
Sample : P4172-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

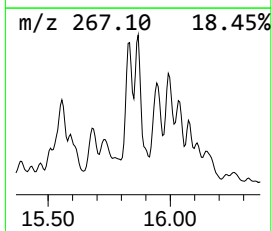
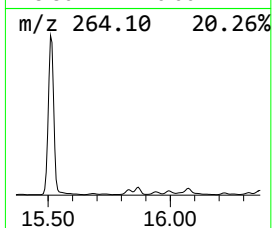
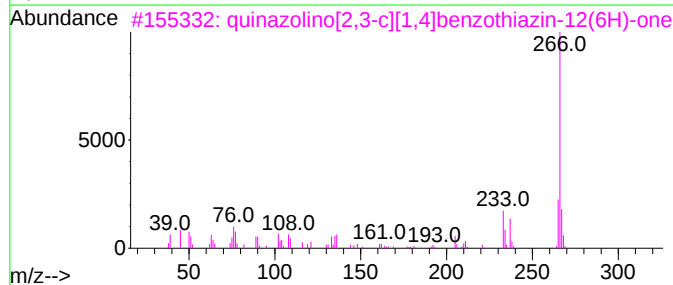
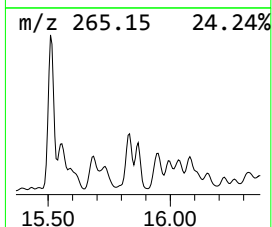
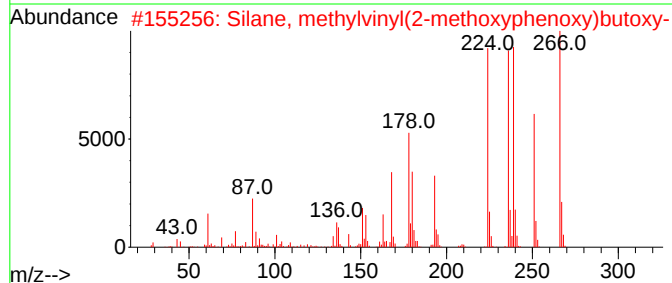
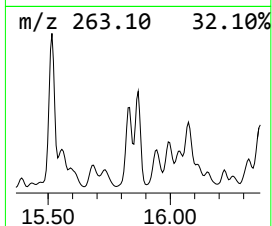
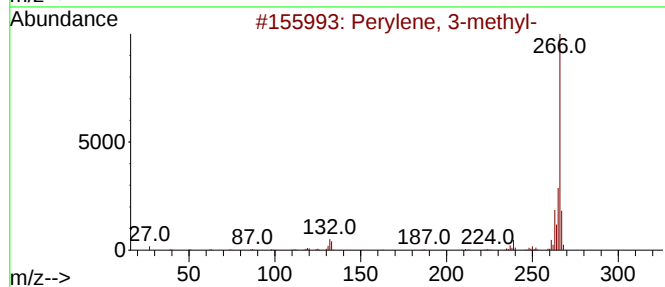
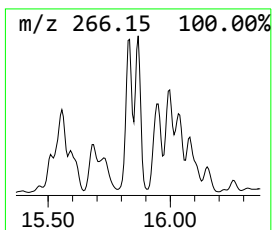
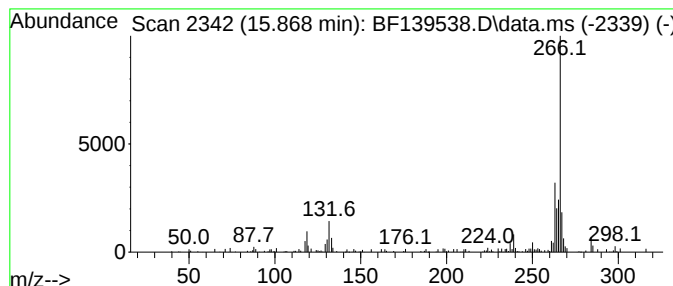
Instrument :
BNA_F
ClientSampleId :
CHRT-20425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.868	3.62 ng	109322	Perylene-d12	15.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	70
2	Silane, methylvinyl(2-methoxyphe...	266	C14H22O3Si	1000420-67-1	55
3	quinazolino[2,3-c][1,4]benzothia...	266	C15H10N2OS	1000401-65-7	50
4	Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	50
5	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
Operator : RC/JU
Sample : P4172-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

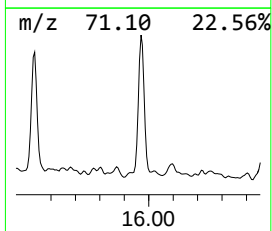
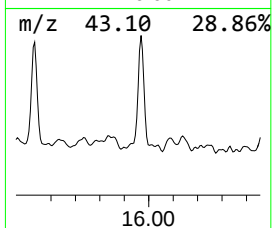
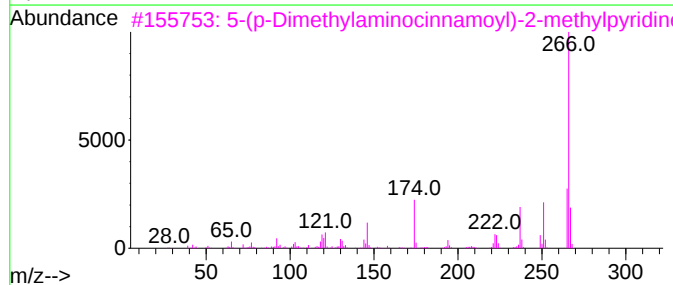
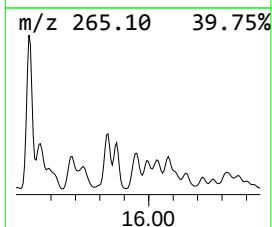
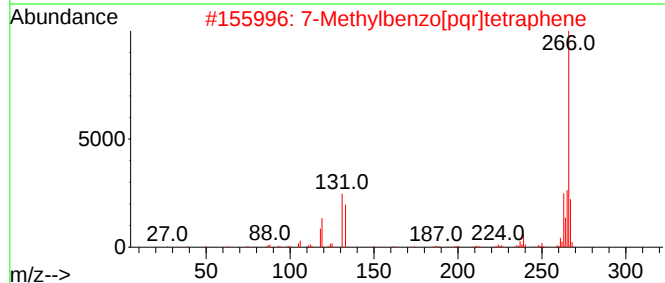
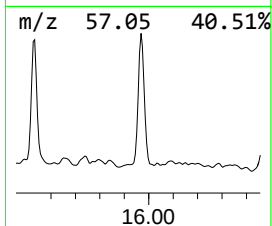
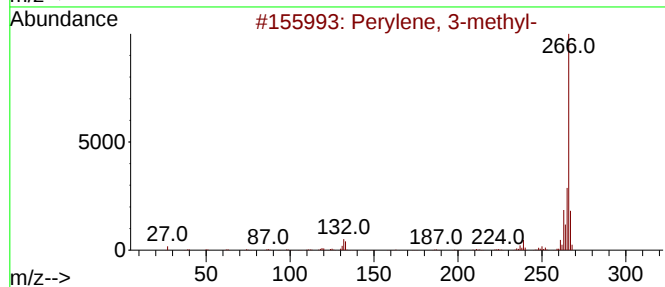
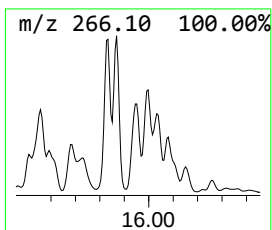
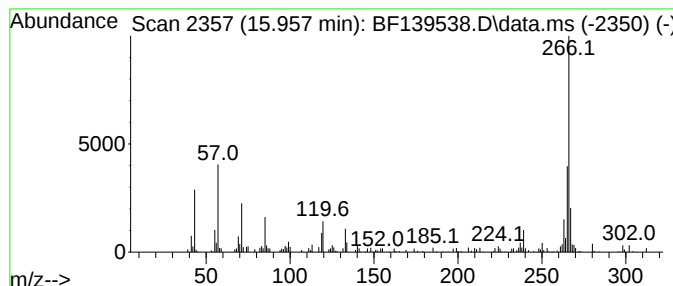
Instrument :
BNA_F
ClientSampleId :
CHRT-20425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 7-Methylbenzo[pqr]tetraphene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.957	4.64 ng	139988	Perylene-d12	15.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	86
2	7-Methylbenzo[pqr]tetraphene	266	C21H14	063041-77-0	70
3	5-(p-Dimethylaminocinnamoyl)-2-m...	266	C17H18N2O	004625-19-8	64
4	3-fluoro-4-(1-piperidin-1-yl)phe...	266	C14H23FN2Si	1000472-44-7	64
5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139538.D
Acq On : 25 Sep 2024 19:47
Operator : RC/JU
Sample : P4172-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-20425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.163	57.7	ng	1552180	1	6.875	537617	20.0
2-Pentanone, 4-...	5.093	5.4	ng	144452	1	6.875	537617	20.0
Benzophenone	10.622	3.3	ng	116194	3	9.910	699657	20.0
Hexadecane, 2,6...	10.822	2.9	ng	91478	4	11.398	626789	20.0
Dodecane	11.292	3.3	ng	103427	4	11.398	626789	20.0
n-Hexadecanoic ...	11.922	10.9	ng	341767	4	11.398	626789	20.0
Benzaldehyde, 3...	12.010	5.0	ng	155194	4	11.398	626789	20.0
Dibenzo[c,h][2,...	13.674	3.3	ng	168465	5	14.033	1008970	20.0
Pyrene, 1,3-dim...	13.774	6.8	ng	341803	5	14.033	1008970	20.0
trans-5-Methyl-...	14.116	3.4	ng	169793	5	14.033	1008970	20.0
10-Methylbenzo[...	14.198	4.8	ng	240552	5	14.033	1008970	20.0
1H-Benz[f]inden...	14.421	12.8	ng	647876	5	14.033	1008970	20.0
Chrysene, 1-met...	14.457	3.0	ng	150742	5	14.033	1008970	20.0
5,12-Dimethylbe...	14.757	7.1	ng	357767	5	14.033	1008970	20.0
3,9-Dimethylben...	14.810	7.2	ng	218114	6	15.509	603989	20.0
4,12-Dimethylbe...	14.845	7.8	ng	234654	6	15.509	603989	20.0
Benz(a)anthrace...	14.921	3.3	ng	98825	6	15.509	603989	20.0
Benzo[e]pyrene	15.386	8.7	ng	263204	6	15.509	603989	20.0
Perylene, 3-met...	15.868	3.6	ng	109322	6	15.509	603989	20.0
7-Methylbenzo[p...	15.957	4.6	ng	139988	6	15.509	603989	20.0