

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127927.D
 Acq On : 26 Apr 2022 22:08
 Operator : CG\JU
 Sample : N2559-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-10D

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-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127927.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.340	3	9	15	rVB	241028	338558	6.51%	0.875%
2	5.575	554	559	562	rBV	3869967	4086890	78.64%	10.559%
3	6.569	722	728	731	rBV	3603398	4289740	82.54%	11.084%
4	6.940	787	791	794	rBV	1111574	893396	17.19%	2.308%
5	7.504	881	887	890	rBV	2632763	2984238	57.42%	7.711%
6	7.669	911	915	919	rVB	64662	59455	1.14%	0.154%
7	8.222	1004	1009	1016	rBV	1259543	1203017	23.15%	3.108%
8	9.304	1186	1193	1196	rBV	4661096	5197256	100.00%	13.428%
9	9.981	1302	1308	1311	rBV	1530653	1406097	27.05%	3.633%
10	10.016	1311	1314	1317	rVB	120971	109008	2.10%	0.282%
11	10.186	1338	1343	1346	rBV2	60168	61742	1.19%	0.160%
12	10.528	1398	1401	1406	rBV	87691	85955	1.65%	0.222%
13	10.775	1438	1443	1447	rBV	3108757	3249782	62.53%	8.397%
14	11.081	1489	1495	1497	rBV	40091	56672	1.09%	0.146%
15	11.328	1532	1537	1542	rBV5	37763	68122	1.31%	0.176%
16	11.475	1558	1562	1564	rBV	1596957	1374743	26.45%	3.552%
17	11.498	1564	1566	1569	rVV	867248	655635	12.62%	1.694%
18	11.551	1569	1575	1577	rVV	191977	190400	3.66%	0.492%
19	11.586	1577	1581	1586	rVB3	44183	63613	1.22%	0.164%
20	11.704	1598	1601	1606	rBV	54648	66746	1.28%	0.172%
21	11.975	1644	1647	1650	rBV2	142115	186450	3.59%	0.482%
22	12.004	1650	1652	1656	rVV	178895	149022	2.87%	0.385%
23	12.051	1657	1660	1663	rVV	82193	73549	1.42%	0.190%
24	12.086	1663	1666	1669	rVV2	235956	285481	5.49%	0.738%
25	12.110	1669	1670	1675	rVB	103153	64383	1.24%	0.166%
26	12.269	1695	1697	1700	rBV	67673	58338	1.12%	0.151%
27	12.422	1717	1723	1725	rBV2	53031	63990	1.23%	0.165%
28	12.527	1738	1741	1743	rBV	89088	90435	1.74%	0.234%
29	12.563	1743	1747	1749	rVV2	61919	74110	1.43%	0.191%
30	12.610	1752	1755	1760	rBV3	45179	75579	1.45%	0.195%
31	12.692	1765	1769	1772	rBV	964243	865748	16.66%	2.237%
32	12.727	1772	1775	1778	rBV2	201891	163483	3.15%	0.422%
33	12.922	1805	1808	1811	rVB	828940	672717	12.94%	1.738%
34	12.969	1814	1816	1820	rVB2	57173	63990	1.23%	0.165%
35	13.063	1824	1832	1835	rBV	4172514	4202704	80.86%	10.859%
36	13.133	1840	1844	1849	rBV4	64355	97395	1.87%	0.252%

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.227	1856	1860	1861	rBV3	58458	73097	1.41%	0.189%
38	13.245	1861	1863	1866	rVB	152645	144932	2.79%	0.374%
39	13.316	1871	1875	1877	rBV	146191	128329	2.47%	0.332%
40	13.351	1877	1881	1884	rBV2	100075	110403	2.12%	0.285%
41	13.445	1894	1897	1900	rBV	64641	56008	1.08%	0.145%
42	13.474	1900	1902	1905	rVB	56822	52619	1.01%	0.136%
43	14.039	1992	1998	2004	rBV3	123604	294249	5.66%	0.760%
44	14.121	2007	2012	2014	rVV2	1021719	1241996	23.90%	3.209%
45	14.145	2014	2016	2022	rVB	366452	317920	6.12%	0.821%
46	14.227	2025	2030	2033	rVB2	68357	88490	1.70%	0.229%
47	14.504	2073	2077	2080	rVB	82663	83823	1.61%	0.217%
48	15.186	2188	2193	2196	rBV	323670	509485	9.80%	1.316%
49	15.298	2209	2212	2215	rVB	60069	61186	1.18%	0.158%
50	15.504	2243	2247	2253	rVB	206886	271555	5.22%	0.702%
51	15.568	2253	2258	2263	rBV	287167	358744	6.90%	0.927%
52	15.633	2264	2269	2273	rBV	632652	856921	16.49%	2.214%
53	17.174	2526	2531	2541	rVB2	119206	250112	4.81%	0.646%
54	17.645	2606	2611	2618	rVB	86798	175186	3.37%	0.453%

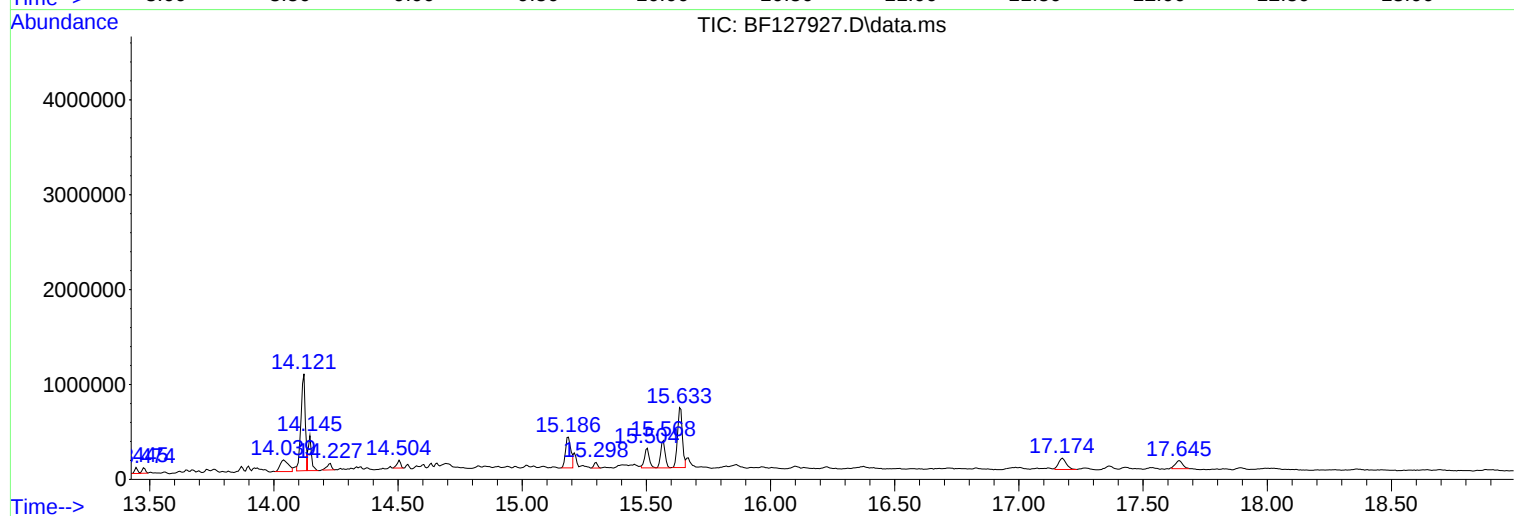
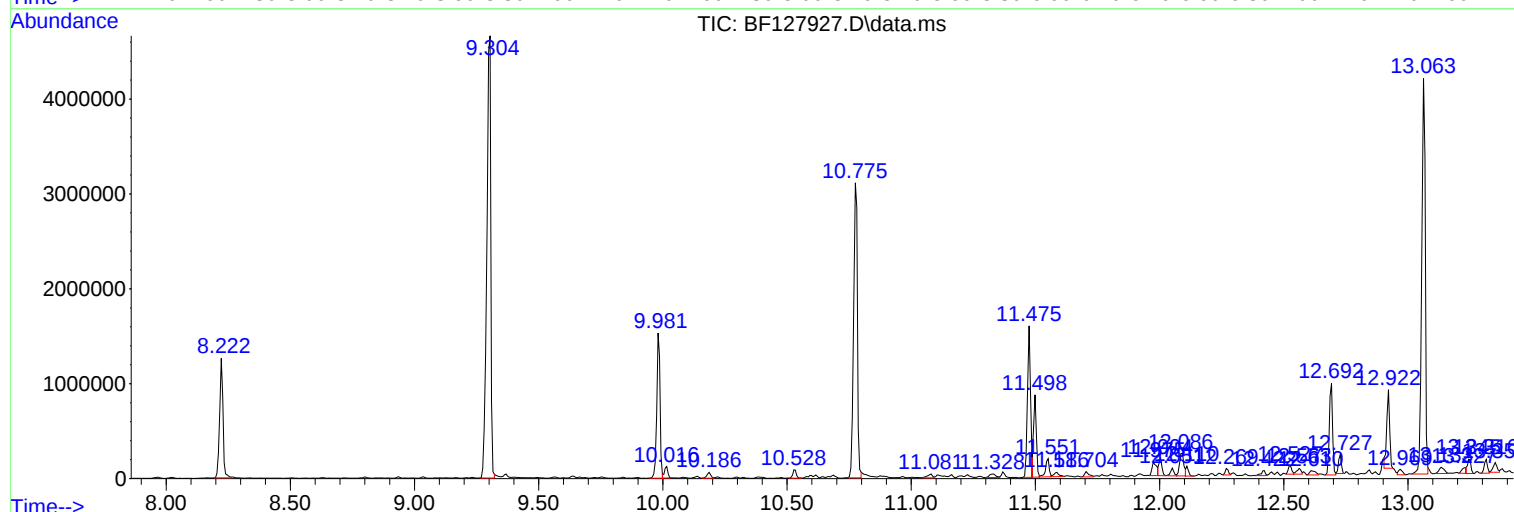
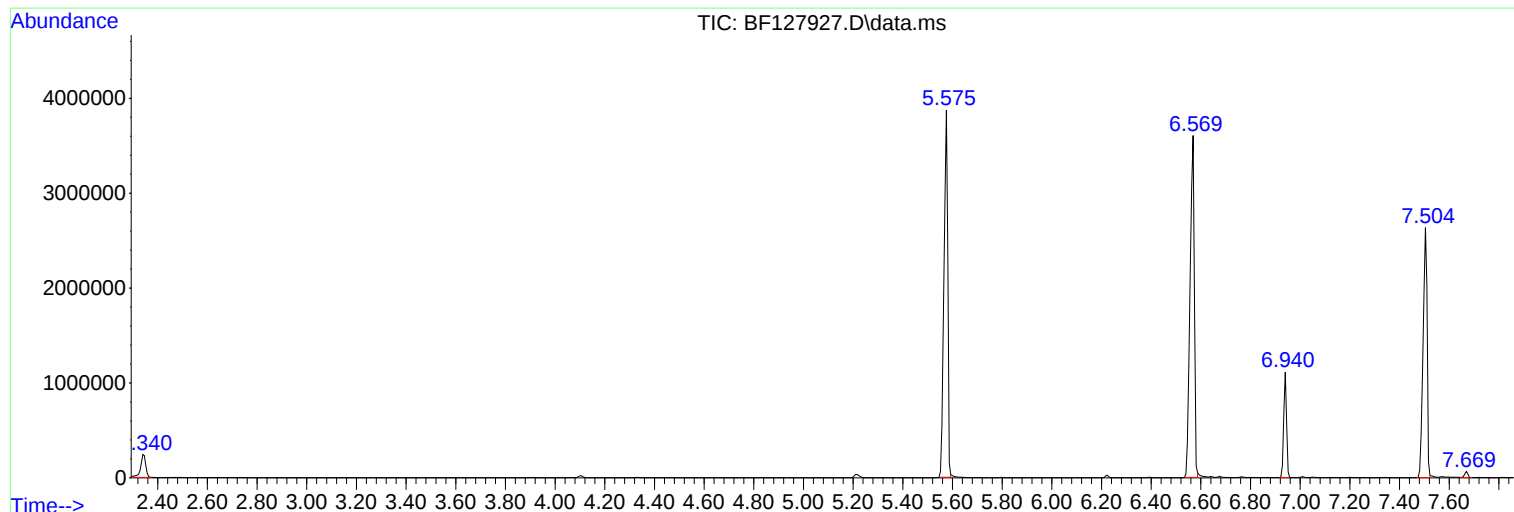
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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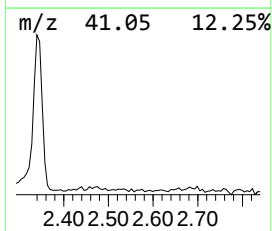
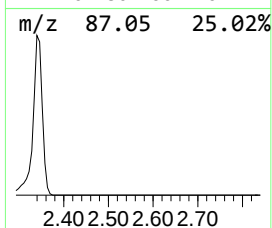
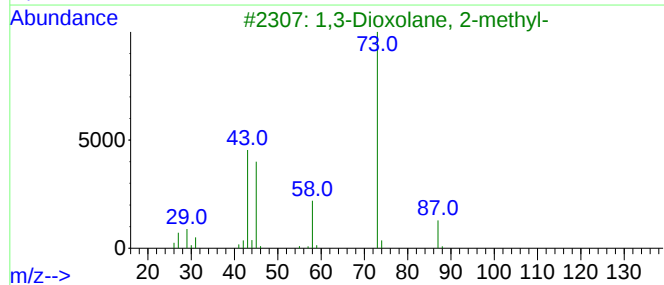
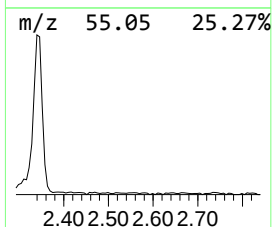
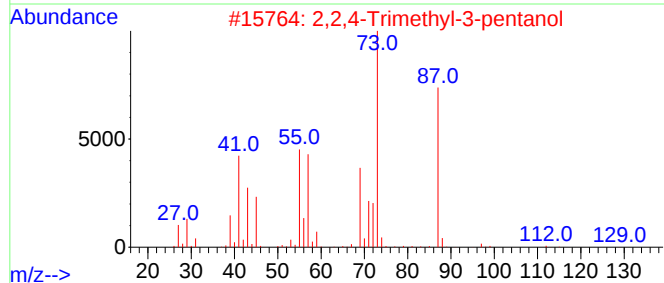
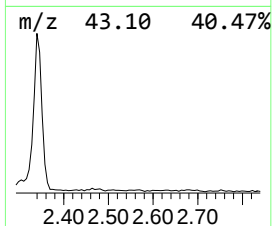
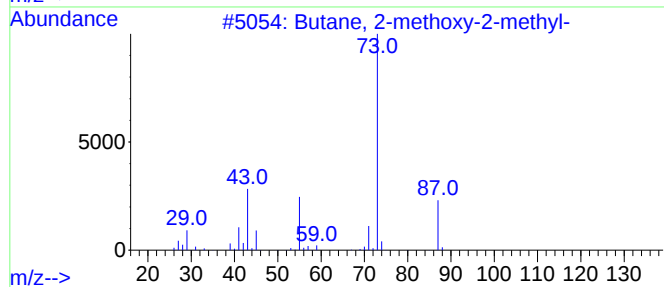
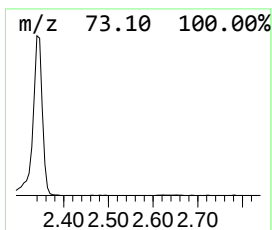
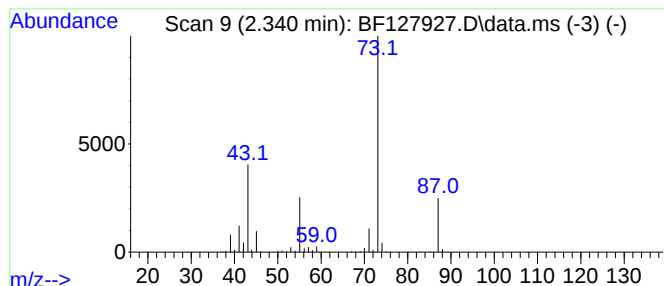
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.340	7.58 ng	338558	1,4-Dichlorobenzene-d4	6.940

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			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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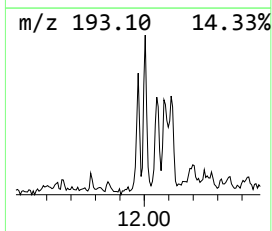
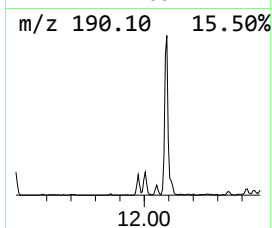
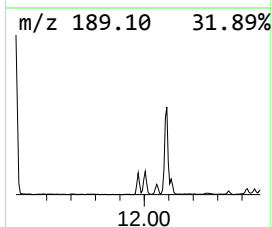
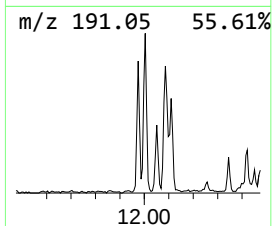
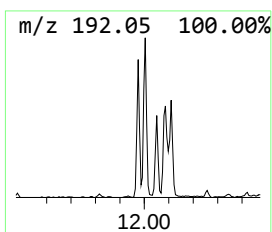
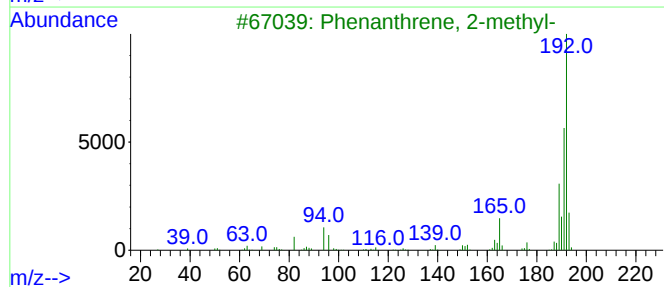
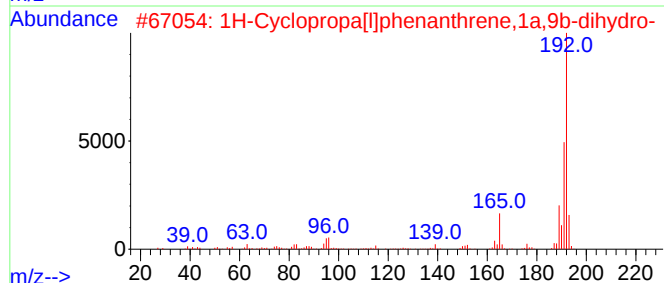
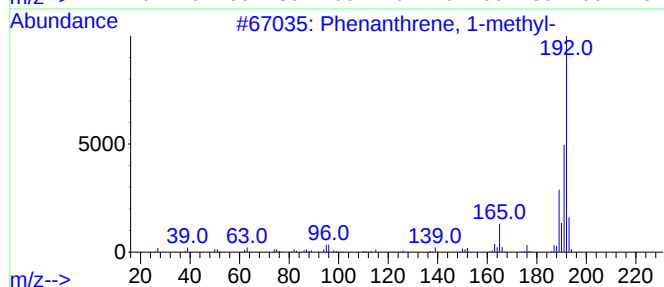
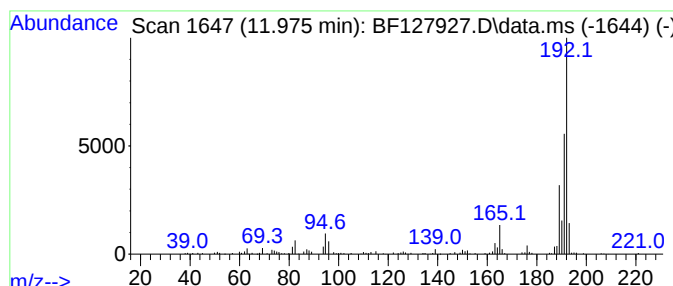
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.71 ng	186450	Phenanthrene-d10	11.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



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Misc :
ALS Vial : 15 Sample Multiplier: 1

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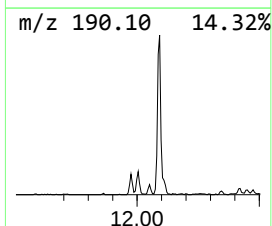
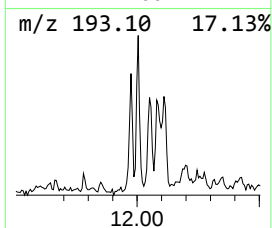
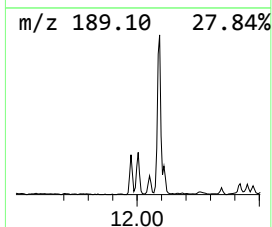
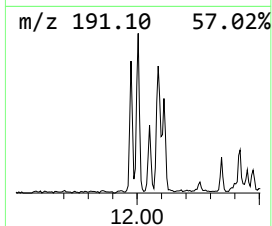
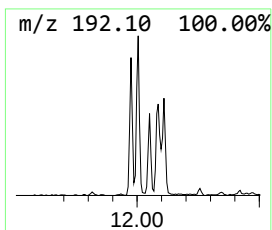
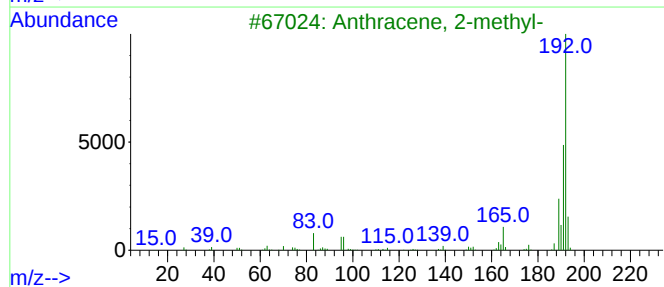
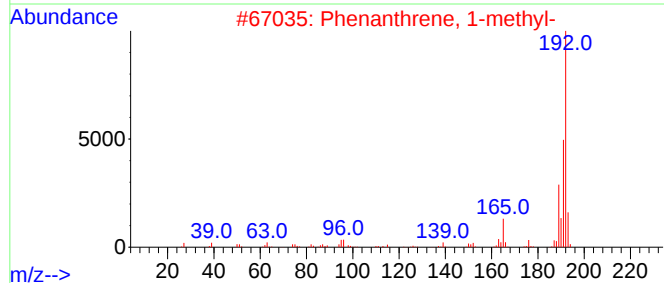
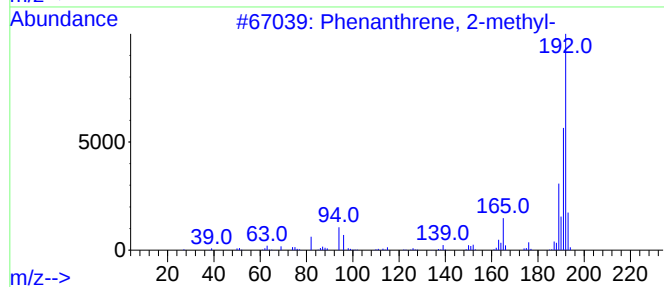
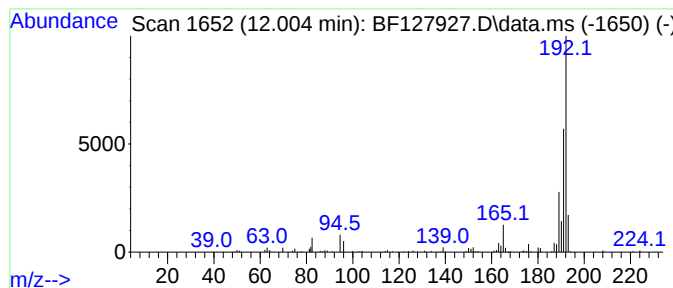
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	2.17 ng	149022	Phenanthrene-d10	11.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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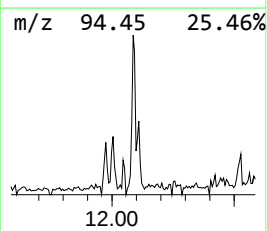
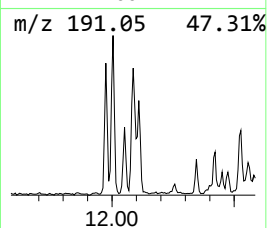
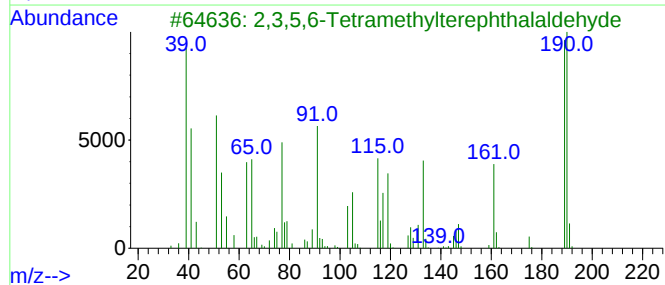
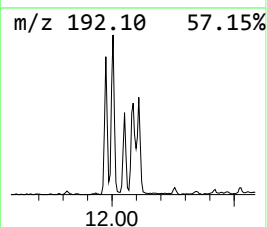
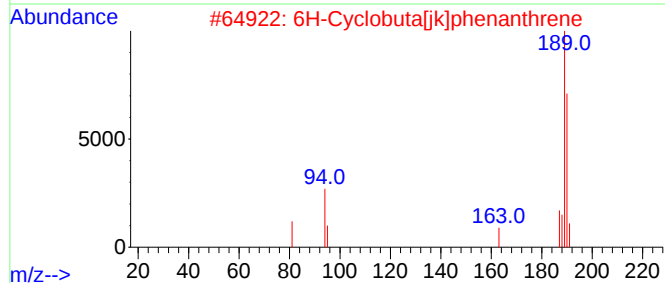
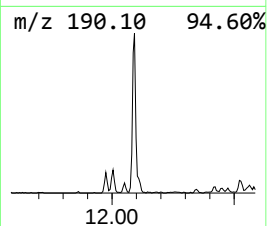
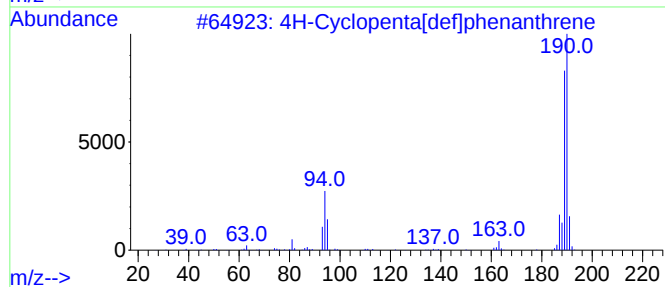
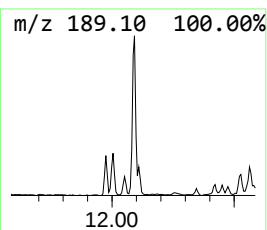
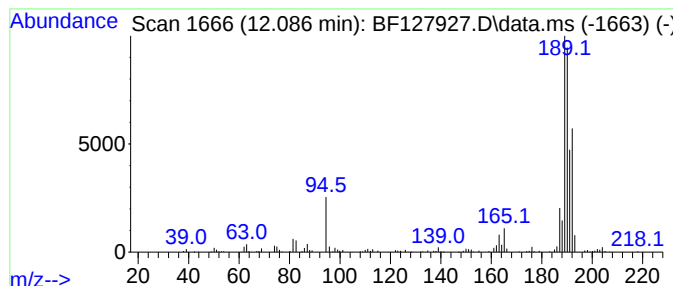
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	4.15 ng	285481	Phenanthrene-d10	11.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	14



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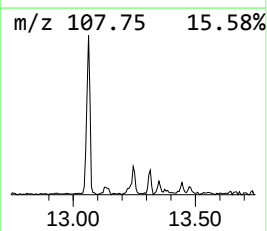
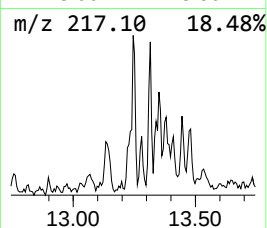
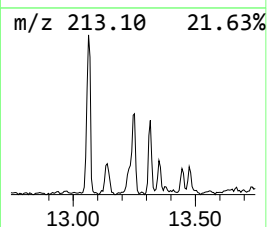
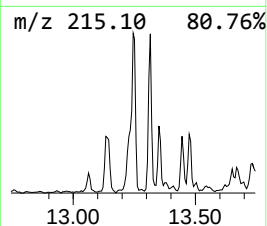
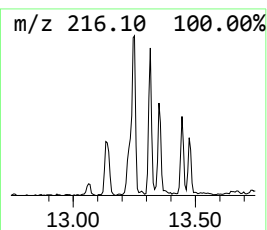
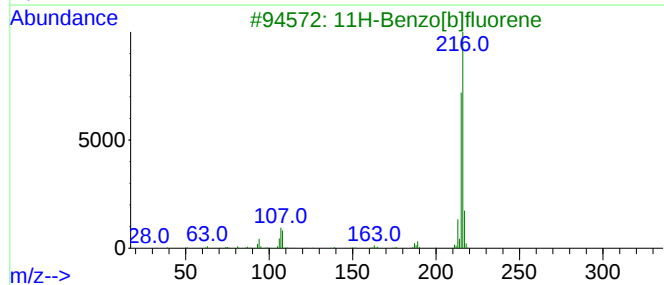
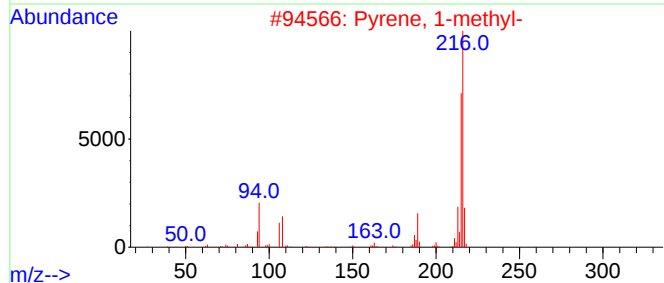
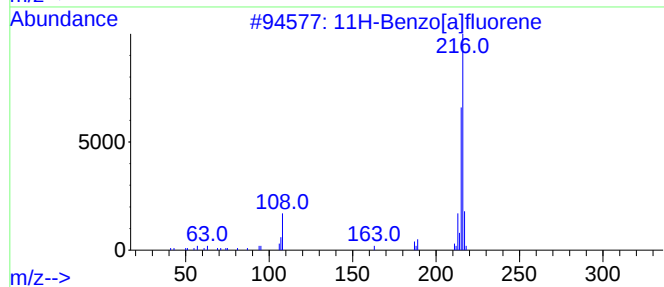
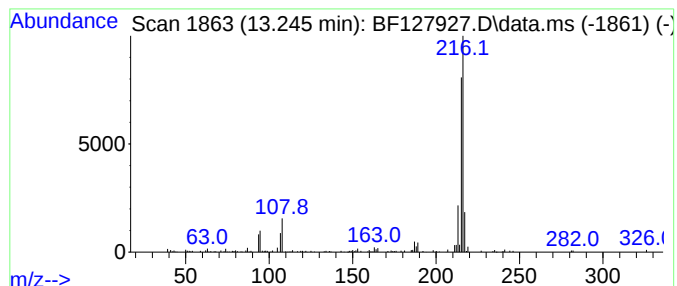
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	2.33 ng	144932	Chrysene-d12	14.121

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5			.beta.-Carboline, 1,2,3,4-tetra...	260	C14H16N2O3	1000124-14-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127927.D
Acq On : 26 Apr 2022 22:08
Operator : CG\JU
Sample : N2559-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-10D

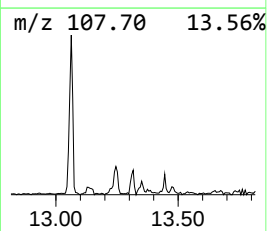
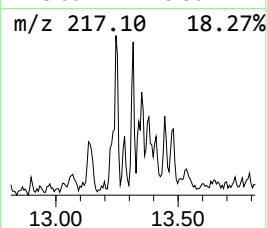
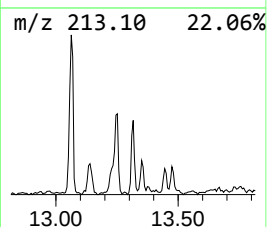
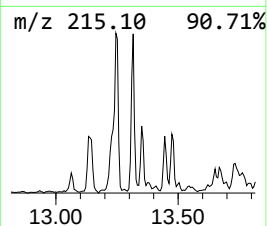
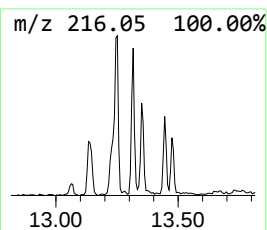
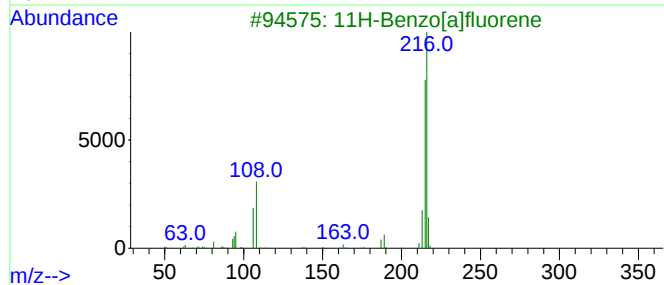
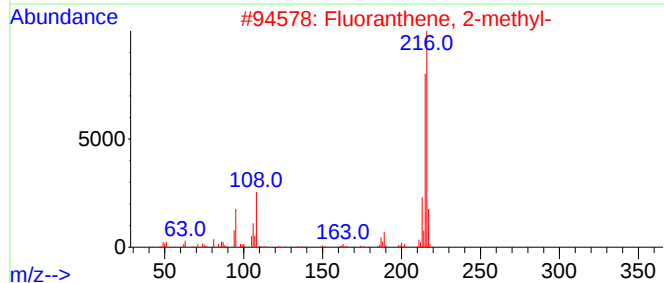
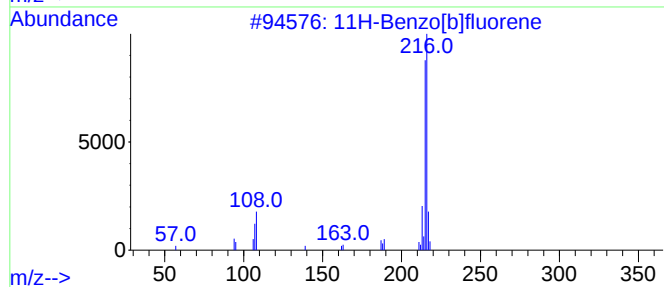
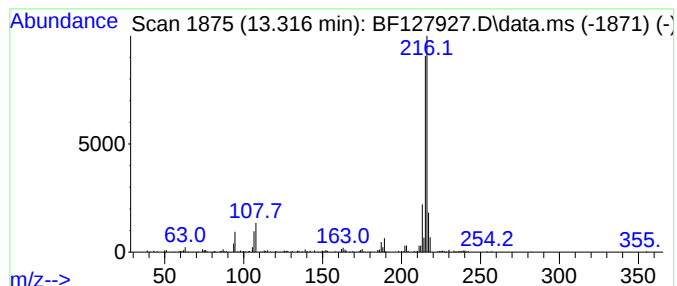
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	2.07 ng	128329	Chrysene-d12	14.121

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127927.D
Acq On : 26 Apr 2022 22:08
Operator : CG\JU
Sample : N2559-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-10D

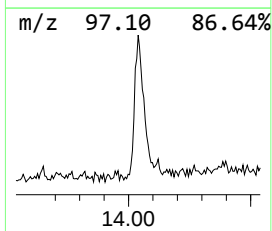
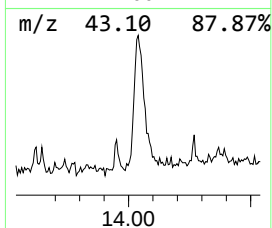
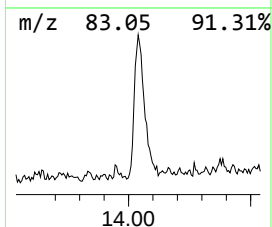
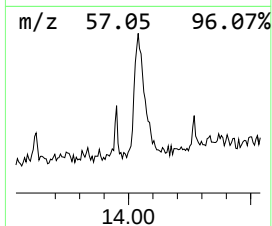
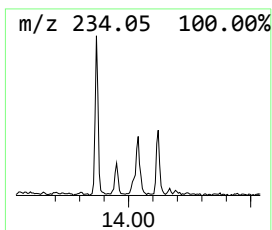
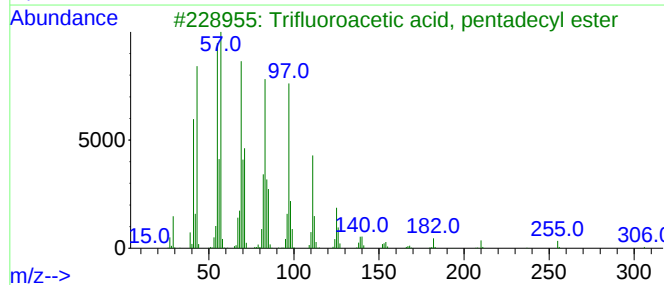
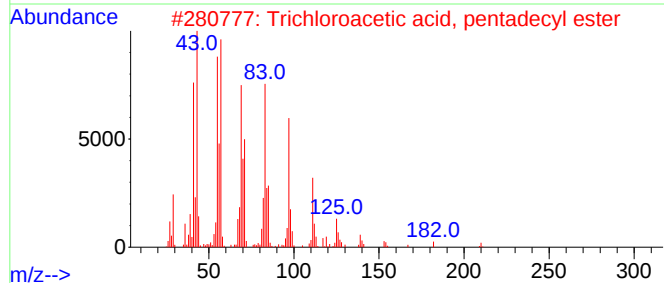
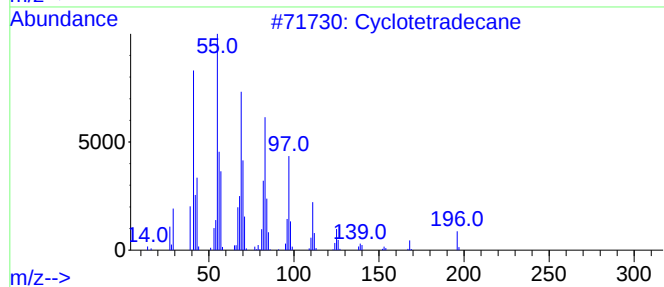
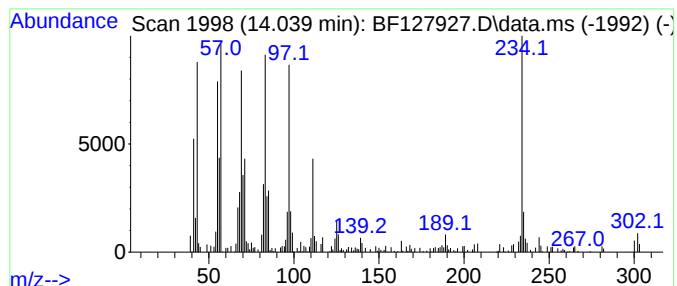
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.039	4.74 ng	294249	Chrysene-d12	14.121

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	87
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
3			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	70
4			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	68
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127927.D
Acq On : 26 Apr 2022 22:08
Operator : CG\JU
Sample : N2559-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

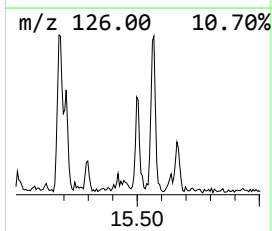
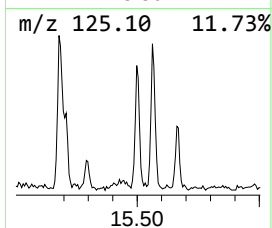
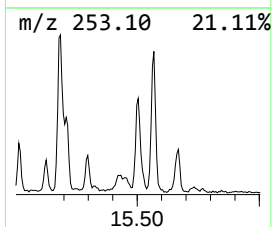
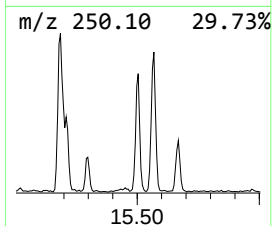
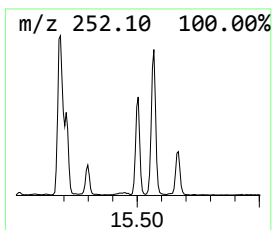
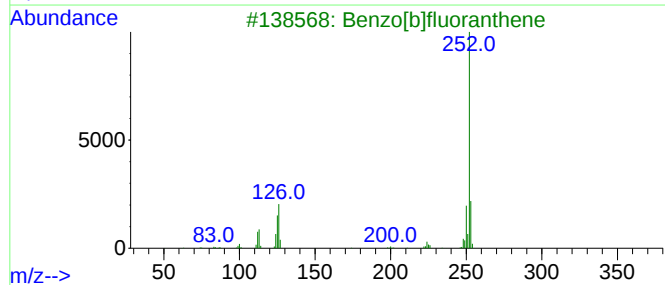
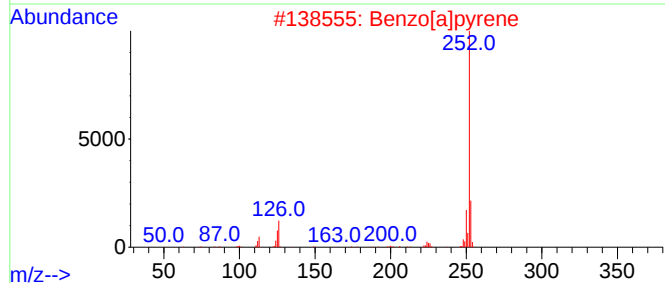
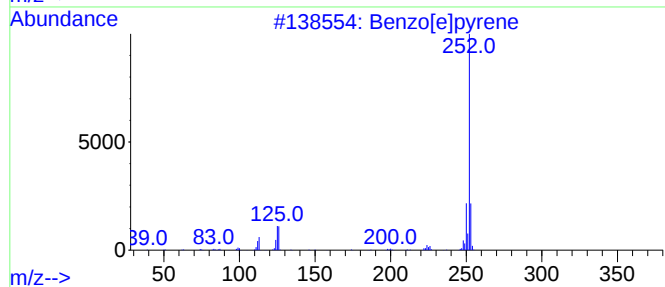
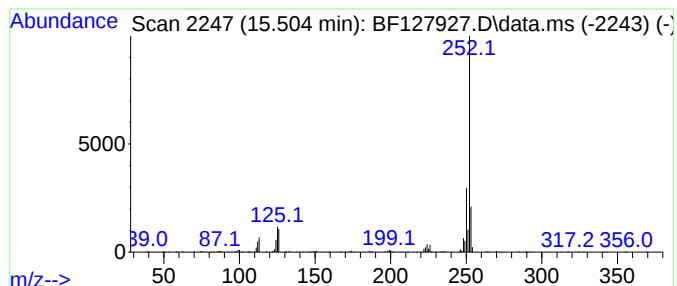
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.504	6.34 ng	271555	Perylene-d12	15.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Perylene	252	C20H12	000198-55-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127927.D
Acq On : 26 Apr 2022 22:08
Operator : CG\JU
Sample : N2559-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-10D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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
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Phenanthrene, 1...	11.975	2.7	ng	186450	4	11.475	1374740	20.0
Phenanthrene, 2...	12.004	2.2	ng	149022	4	11.475	1374740	20.0
4H-Cyclopenta[d...	12.086	4.2	ng	285481	4	11.475	1374740	20.0
11H-Benzo[a]flu...	13.245	2.3	ng	144932	5	14.121	1242000	20.0
11H-Benzo[b]flu...	13.316	2.1	ng	128329	5	14.121	1242000	20.0
Cyclotetradecane	14.039	4.7	ng	294249	5	14.121	1242000	20.0
Benzo[e]pyrene	15.504	6.3	ng	271555	6	15.633	856921	20.0