

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128113.D
 Acq On : 06 May 2022 00:13
 Operator : CG\JU
 Sample : N2689-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-050422

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: BF128113.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.993	286	290	299	rVB2	7317	9940	1.46%	0.112%
2	5.522	546	550	559	rBV	384483	339542	49.87%	3.831%
3	6.528	718	721	732	rBV	437612	361233	53.05%	4.076%
4	6.904	782	785	789	rBV	655824	563484	82.75%	6.358%
5	7.469	877	881	884	rBV	261204	234467	34.43%	2.646%
6	8.193	1000	1004	1007	rBV	785130	680917	100.00%	7.684%
7	8.904	1122	1125	1127	rBV	16781	14460	2.12%	0.163%
8	9.004	1138	1142	1145	rBV	17802	16075	2.36%	0.181%
9	9.263	1182	1186	1189	rBV	492750	398329	58.50%	4.495%
10	9.334	1196	1198	1201	rVB2	21197	18497	2.72%	0.209%
11	9.534	1227	1232	1236	rBV4	11775	17861	2.62%	0.202%
12	9.604	1240	1244	1246	rBV	24751	21922	3.22%	0.247%
13	9.628	1246	1248	1250	rBV2	11857	9727	1.43%	0.110%
14	9.651	1250	1252	1254	rVV	16023	12089	1.78%	0.136%
15	9.722	1260	1264	1266	rBV2	14672	15647	2.30%	0.177%
16	9.810	1275	1279	1282	rBV	44274	42021	6.17%	0.474%
17	9.863	1284	1288	1291	rVV	32042	29837	4.38%	0.337%
18	9.945	1299	1302	1306	rVV	712631	649416	95.37%	7.328%
19	9.981	1306	1308	1311	rVB	42646	31422	4.61%	0.355%
20	10.045	1316	1319	1324	rBV5	8003	12026	1.77%	0.136%
21	10.092	1324	1327	1330	rBV4	9787	13794	2.03%	0.156%
22	10.151	1334	1337	1340	rVB2	29542	27588	4.05%	0.311%
23	10.186	1340	1343	1347	rBV2	23646	20887	3.07%	0.236%
24	10.257	1352	1355	1358	rBV2	18230	22659	3.33%	0.256%
25	10.363	1367	1373	1376	rBV2	54881	58245	8.55%	0.657%
26	10.498	1392	1396	1401	rVB	49239	51374	7.54%	0.580%
27	10.581	1405	1410	1413	rBV2	28637	34647	5.09%	0.391%
28	10.734	1433	1436	1441	rBV	209411	198099	29.09%	2.235%
29	10.839	1451	1454	1462	rVB2	63099	90011	13.22%	1.016%
30	10.934	1467	1470	1472	rVB3	10853	9452	1.39%	0.107%
31	11.045	1484	1489	1491	rBV4	22565	37275	5.47%	0.421%
32	11.069	1491	1493	1496	rVB2	15470	16222	2.38%	0.183%
33	11.128	1500	1503	1506	rVB	19971	16320	2.40%	0.184%
34	11.163	1506	1509	1511	rBV4	14175	18957	2.78%	0.214%
35	11.239	1520	1522	1527	rVB2	16959	15496	2.28%	0.175%
36	11.286	1527	1530	1533	rVV	65718	55139	8.10%	0.622%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128113.D
 Acq On : 06 May 2022 00:13
 Operator : CG\JU
 Sample : N2689-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-050422

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	11.316	1533	1535	1537	rVV	31972	31296	4.60%	0.353%
38	11.333	1537	1538	1543	rVB	33490	24488	3.60%	0.276%
39	11.439	1552	1556	1558	rBV	739224	619690	91.01%	6.993%
40	11.463	1558	1560	1564	rVV	386572	284469	41.78%	3.210%
41	11.516	1566	1569	1571	rVV	74899	57546	8.45%	0.649%
42	11.592	1580	1582	1587	rBV5	10408	14069	2.07%	0.159%
43	11.669	1592	1595	1598	rVV	41928	39006	5.73%	0.440%
44	11.716	1600	1603	1607	rVV2	56395	51754	7.60%	0.584%
45	11.769	1610	1612	1616	rVB	33738	28092	4.13%	0.317%
46	11.857	1624	1627	1629	rBV	15322	14390	2.11%	0.162%
47	11.939	1638	1641	1644	rBV	73469	71514	10.50%	0.807%
48	11.969	1644	1646	1650	rVB	104289	83546	12.27%	0.943%
49	12.016	1651	1654	1657	rBV	33938	30867	4.53%	0.348%
50	12.051	1657	1660	1663	rBV2	111440	133889	19.66%	1.511%
51	12.122	1670	1672	1675	rBV	50983	46846	6.88%	0.529%
52	12.233	1689	1691	1694	rBV	39882	37058	5.44%	0.418%
53	12.263	1694	1696	1702	rVB4	35433	38640	5.67%	0.436%
54	12.369	1712	1714	1715	rBV	18878	13951	2.05%	0.157%
55	12.416	1720	1722	1724	rVB	28879	20539	3.02%	0.232%
56	12.492	1731	1735	1737	rBV	90523	97785	14.36%	1.103%
57	12.510	1737	1738	1743	rVV3	53045	81019	11.90%	0.914%
58	12.580	1747	1750	1754	rBV2	49218	74193	10.90%	0.837%
59	12.657	1759	1763	1766	rVV	553455	432747	63.55%	4.883%
60	12.751	1777	1779	1781	rBV	26092	19061	2.80%	0.215%
61	12.810	1787	1789	1791	rVB	29050	19634	2.88%	0.222%
62	12.886	1796	1802	1808	rBV	541400	562278	82.58%	6.345%
63	12.939	1808	1811	1814	rBV	40424	45940	6.75%	0.518%
64	13.022	1822	1825	1828	rBV	371717	277497	40.75%	3.131%
65	13.098	1835	1838	1843	rBV4	43507	82542	12.12%	0.931%
66	13.280	1867	1869	1872	rVB2	69075	49787	7.31%	0.562%
67	13.322	1873	1876	1878	rVB2	64424	59990	8.81%	0.677%
68	13.410	1889	1891	1893	rBV	58913	50337	7.39%	0.568%
69	13.439	1894	1896	1899	rBV	51337	54830	8.05%	0.619%
70	14.086	2002	2006	2009	rBV2	589025	662586	97.31%	7.477%
71	14.110	2009	2010	2016	rVB	162594	138337	20.32%	1.561%
72	15.592	2258	2262	2266	rBV	279195	346659	50.91%	3.912%

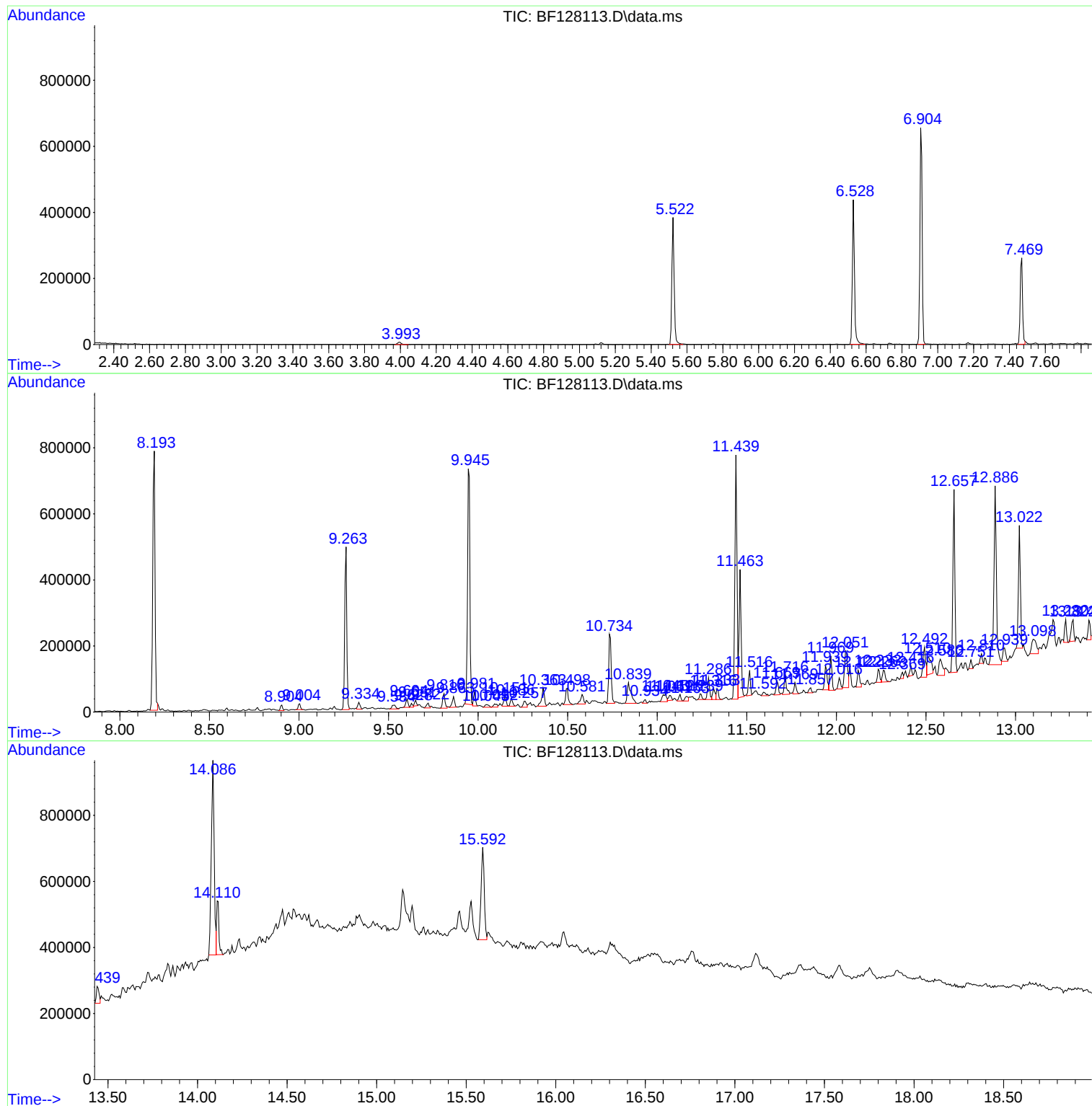
Sum of corrected areas: 8861949

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128113.D
Acq On : 06 May 2022 00:13
Operator : CG\JU
Sample : N2689-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050422

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128113.D
Acq On : 06 May 2022 00:13
Operator : CG\JU
Sample : N2689-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050422

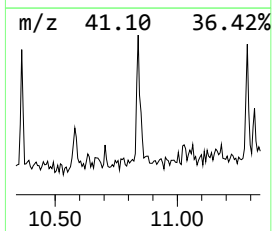
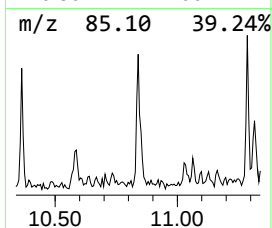
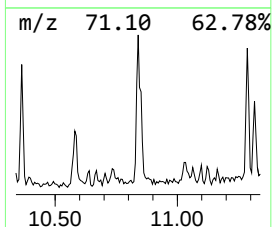
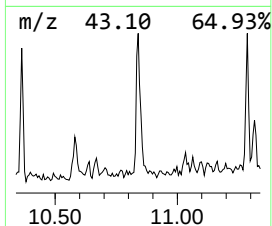
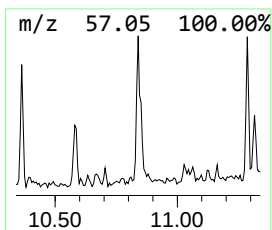
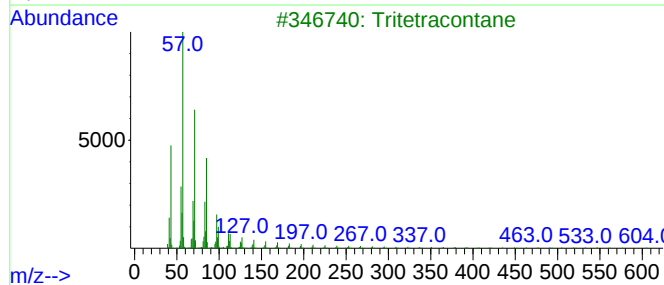
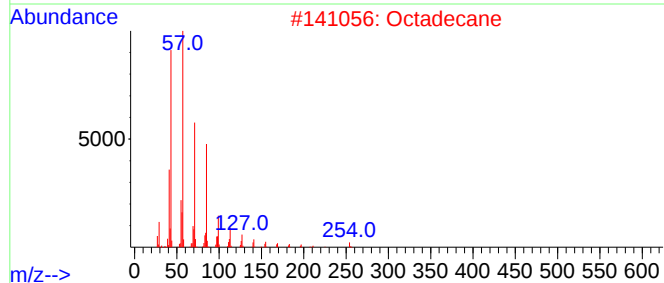
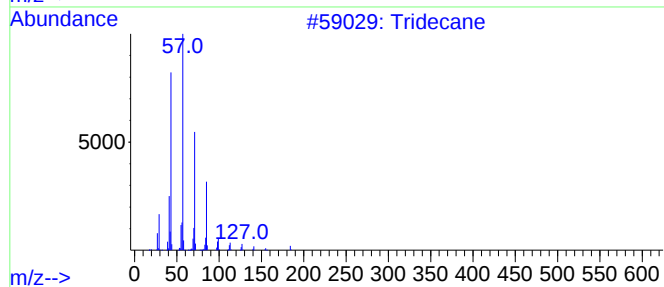
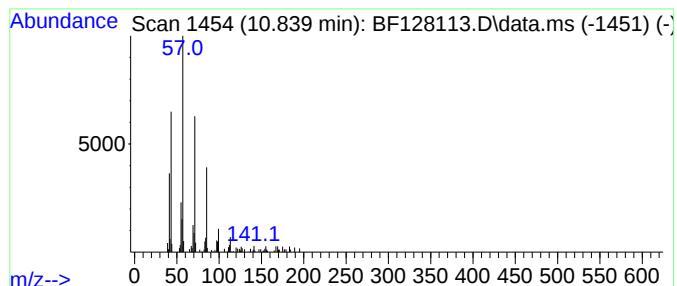
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	2.91 ng	90011	Phenanthrene-d10	11.439

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Octadecane	254	C18H38	000593-45-3	90
3		Tritetracontane	605	C43H88	007098-21-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128113.D
Acq On : 06 May 2022 00:13
Operator : CG\JU
Sample : N2689-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050422

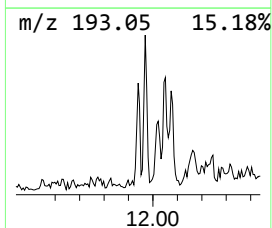
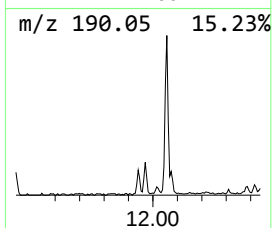
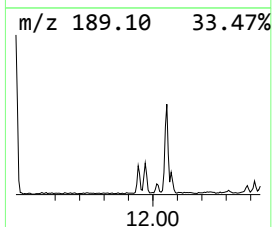
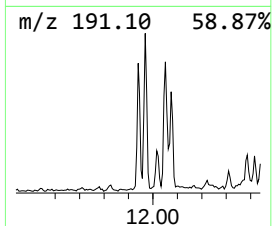
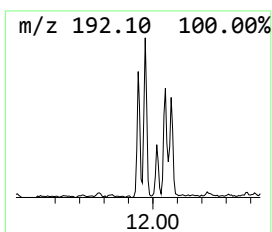
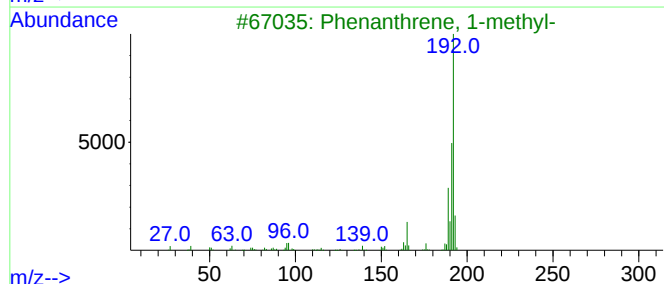
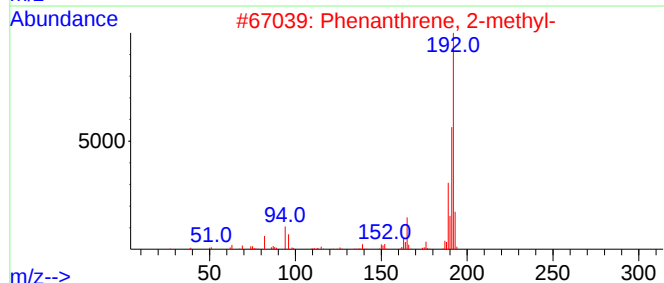
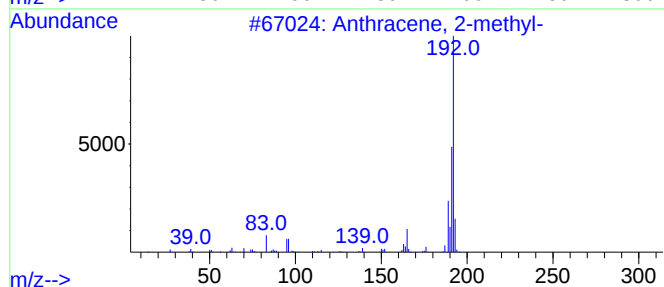
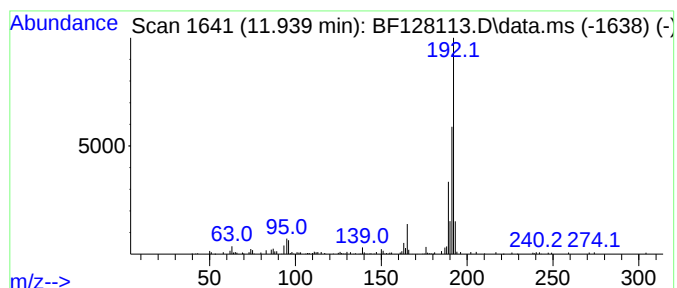
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.31 ng	71514	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128113.D
Acq On : 06 May 2022 00:13
Operator : CG\JU
Sample : N2689-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050422

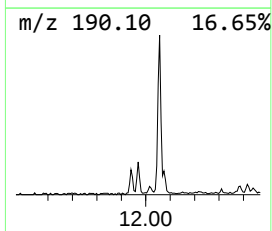
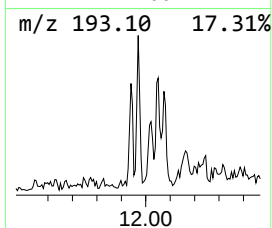
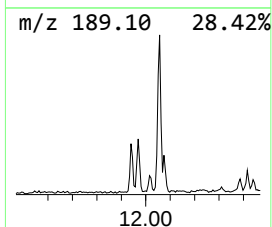
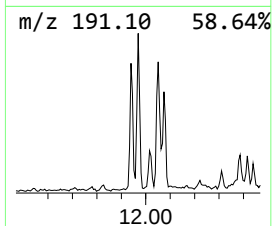
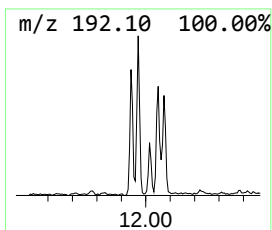
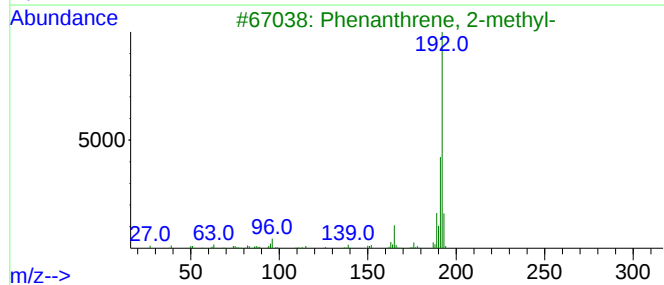
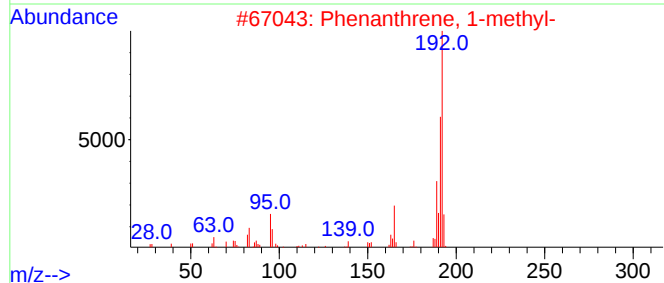
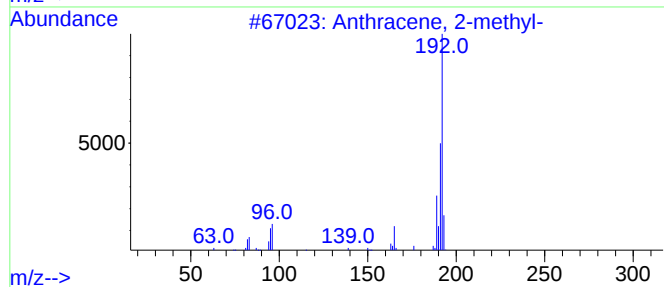
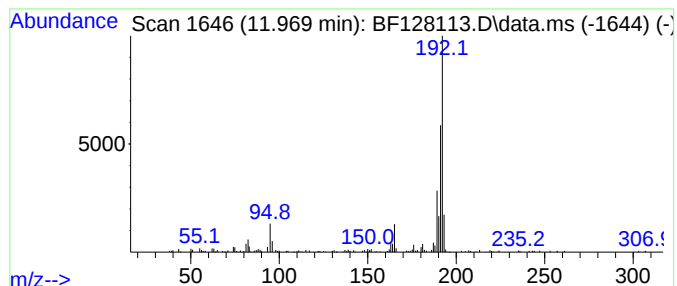
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	2.70 ng	83546	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128113.D
Acq On : 06 May 2022 00:13
Operator : CG\JU
Sample : N2689-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050422

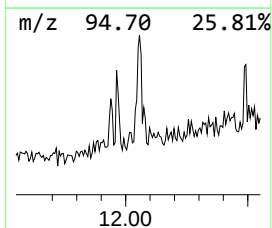
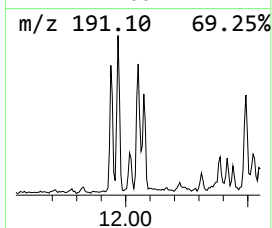
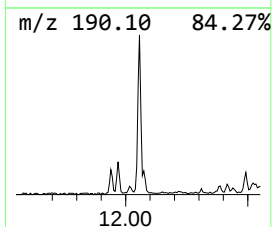
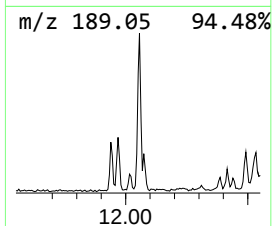
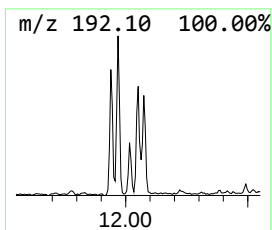
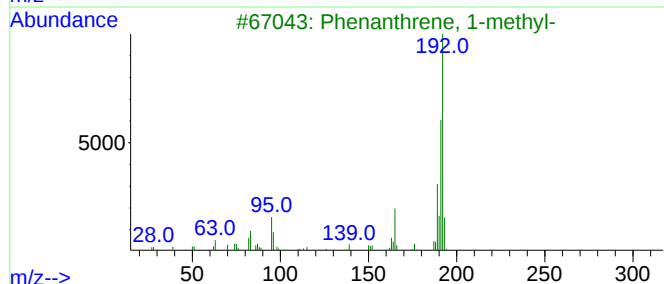
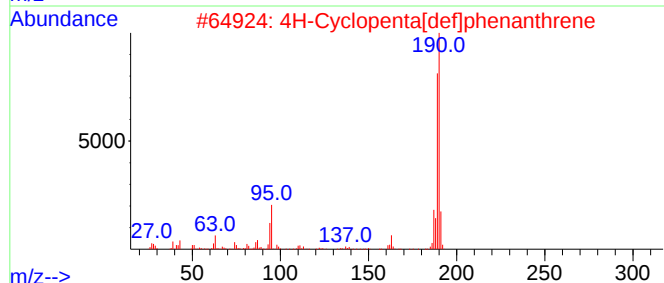
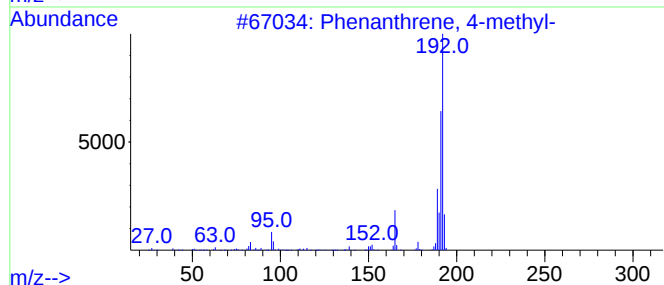
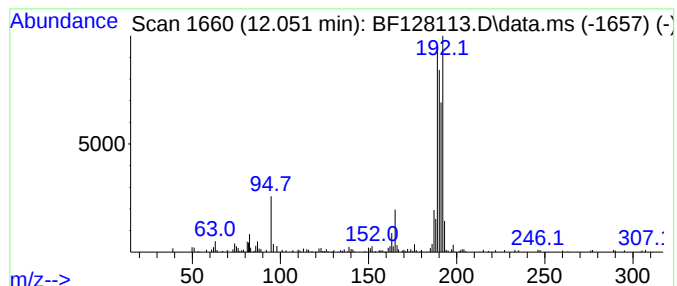
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	4.32 ng	133889	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	41
5			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128113.D
Acq On : 06 May 2022 00:13
Operator : CG\JU
Sample : N2689-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050422

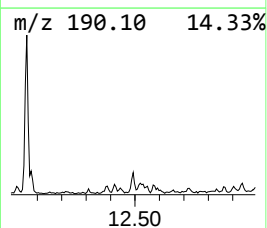
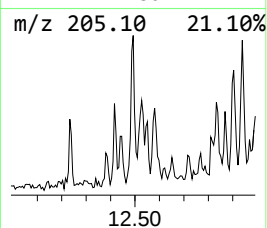
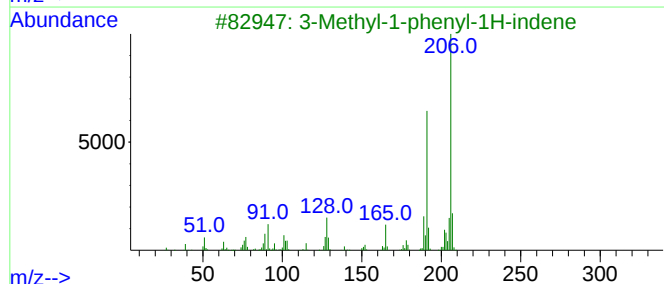
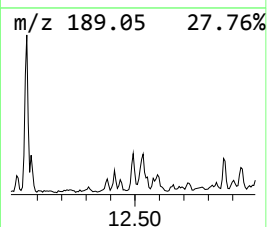
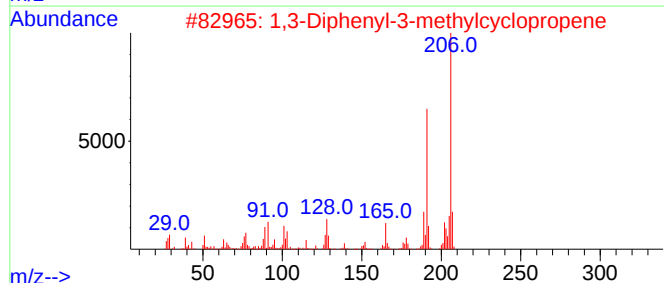
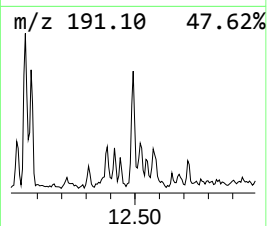
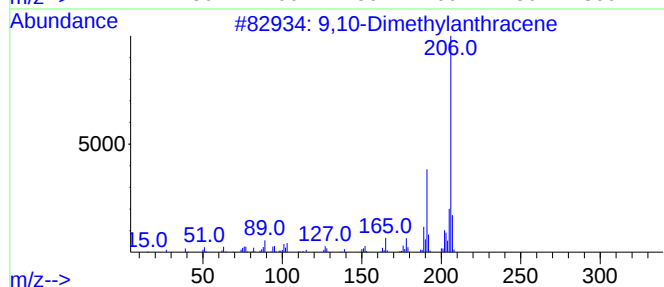
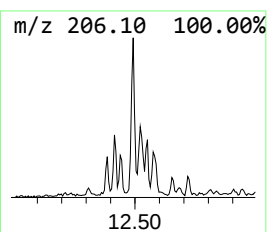
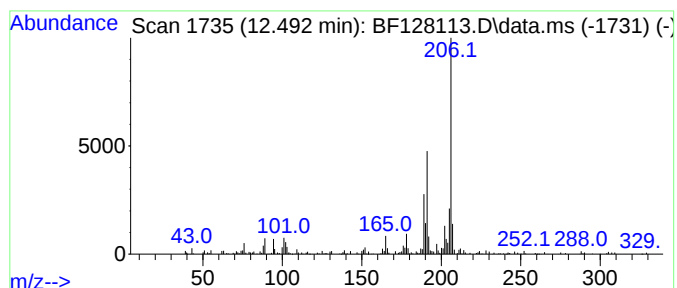
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,10-Dimethylantracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	3.16 ng	97785	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	94
2			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
3			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128113.D
Acq On : 06 May 2022 00:13
Operator : CG\JU
Sample : N2689-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050422

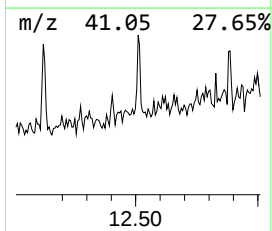
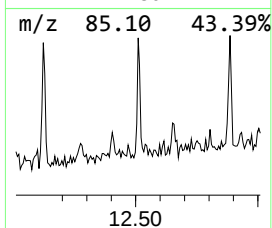
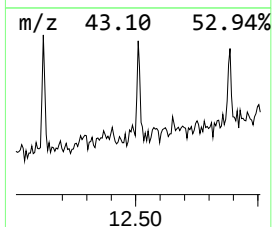
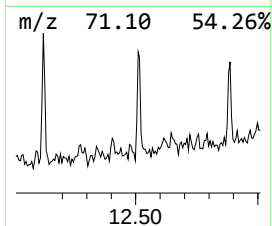
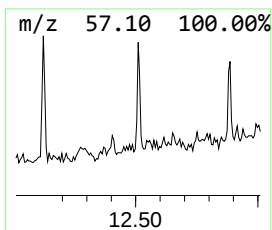
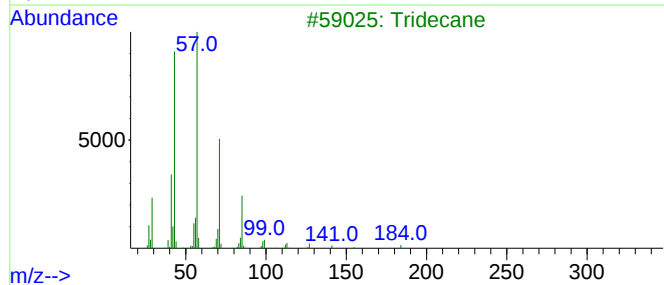
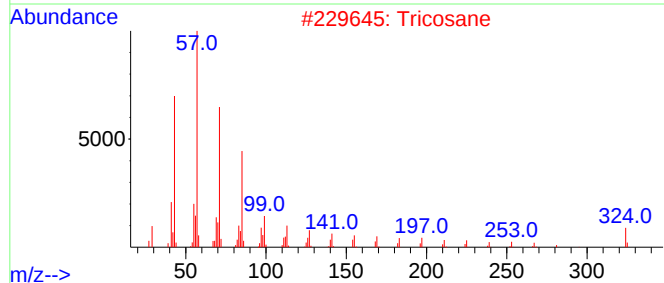
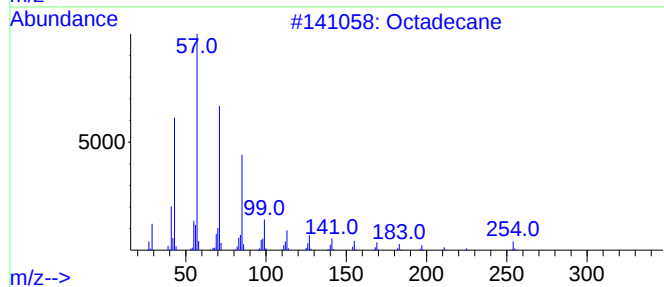
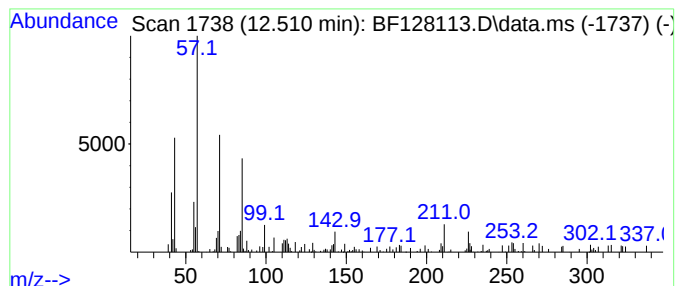
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.61 ng	81019	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	78
2			Tricosane	324	C23H48	000638-67-5	60
3			Tridecane	184	C13H28	000629-50-5	53
4			Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	53
5			Hexadecane	226	C16H34	000544-76-3	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128113.D
Acq On : 06 May 2022 00:13
Operator : CG\JU
Sample : N2689-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

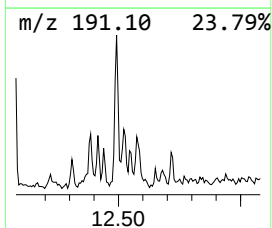
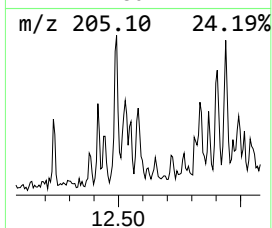
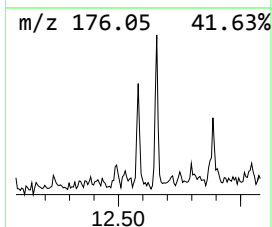
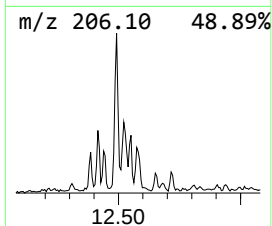
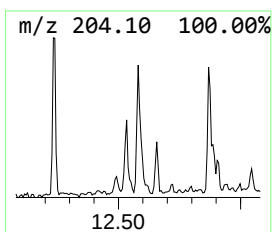
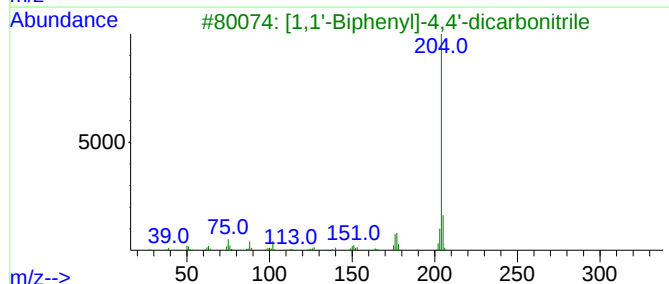
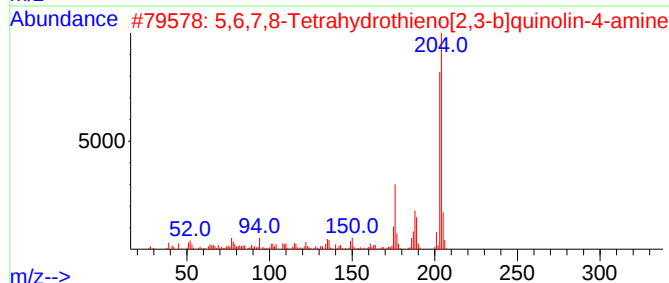
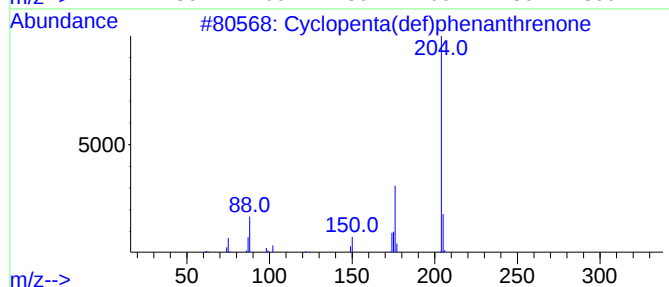
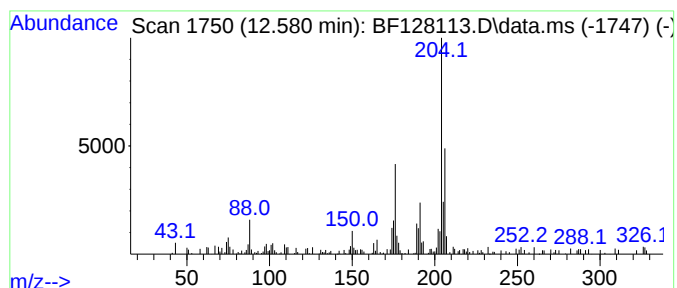
Instrument :
BNA_F
ClientSampleId :
OK-01-050422

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 7 Cyclopenta(def)phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.581	2.39 ng	74193	Phenanthrene-d10		11.439	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	78
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	49
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	45
4	L-Rhamnose, 4TMS derivative		452	C18H44O5Si4	019127-15-2	43
5	2-Chloro-4-phenylphenol		204	C12H9ClO	000092-04-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128113.D
Acq On : 06 May 2022 00:13
Operator : CG\JU
Sample : N2689-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050422

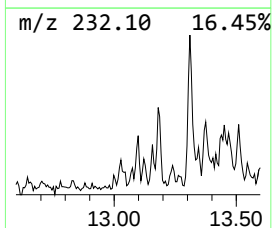
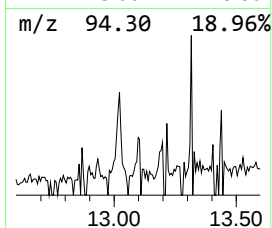
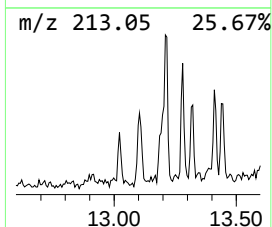
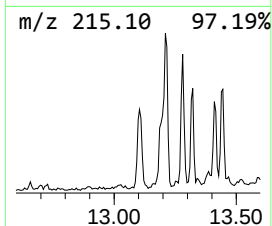
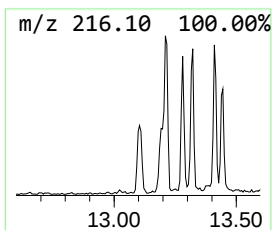
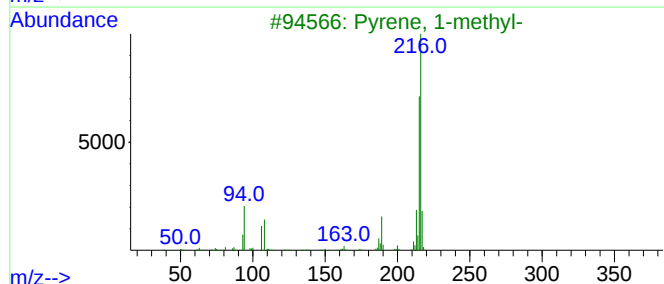
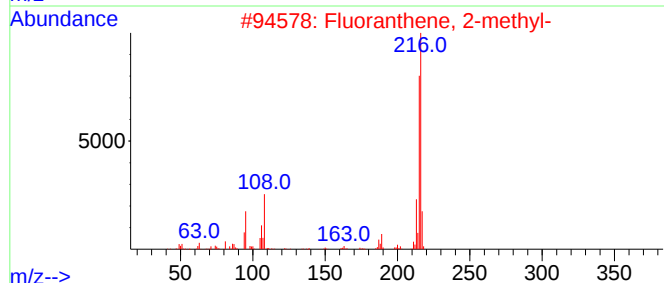
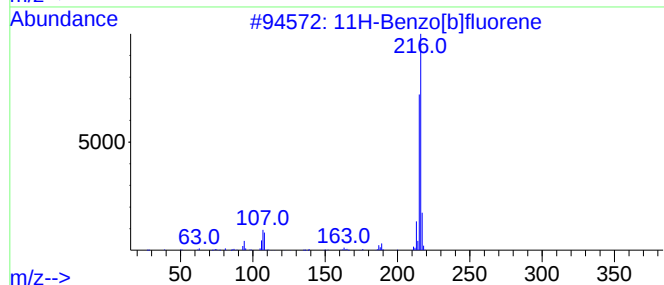
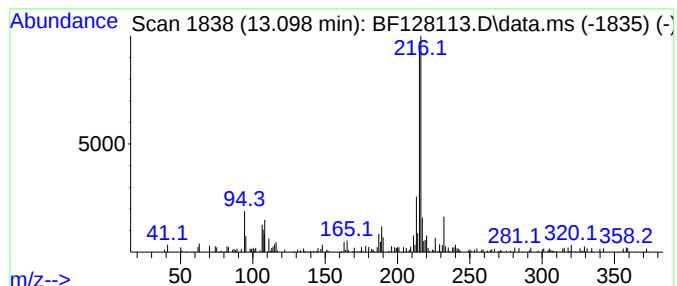
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	2.49 ng	82542	Chrysene-d12	14.086

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	90
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128113.D
Acq On : 06 May 2022 00:13
Operator : CG\JU
Sample : N2689-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-050422

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
Tridecane	10.839	2.9	ng	90011	4	11.439	619690	20.0
Anthracene, 2-m...	11.939	2.3	ng	71514	4	11.439	619690	20.0
Phenanthrene, 1...	11.969	2.7	ng	83546	4	11.439	619690	20.0
Phenanthrene, 4...	12.051	4.3	ng	133889	4	11.439	619690	20.0
9,10-Dimethylan...	12.492	3.2	ng	97785	4	11.439	619690	20.0
Octadecane	12.510	2.6	ng	81019	4	11.439	619690	20.0
Cyclopenta(def)...	12.581	2.4	ng	74193	4	11.439	619690	20.0
11H-Benzo[b]flu...	13.098	2.5	ng	82542	5	14.086	662586	20.0