LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132227.D
Acq On : 31 Jan 2023 00:04
Operator : CG\JU
Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

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-BF012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132227.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.254	237	241	247	rVB	152616	178926	4.56%	0.407%
2	4.725	317	321	326	rBV	74797	76888	1.96%	0.175%
3	5.319	416	422	430	rVB	1485371	1692358	43.12%	3.849%
4	5.701	482	487	490	rBV	3481238	3225797	82.20%	7.336%
5	6.690	650	655	658	rBV	3450589	3424534	87.26%	7.788%
6	6.901	688	691	696	rBV	139263	129479	3.30%	0.294%
7	7.078	718	721	725	rVB	1342835	1086456	27.68%	2.471%
8	7.607	806	811	813	rBV3	37028	49671	1.27%	0.113%
9	7.642	813	817	819	rVV	2699768	2335032	59.50%	5.310%
10	7.660	819	820	825	rVB	138769	104425	2.66%	0.237%
11	8.331	932	934	937	rBV	139250	106493	2.71%	0.242%
12	8.366	937	940	943	rVV	1682081	1311684	33.42%	2.983%
13	8.413	946	948	951	rVB	75512	57883	1.47%	0.132%
14	8.648	984	988	993	rVB5	46665	59273	1.51%	0.135%
15	8.772	1007	1009	1012	rBV	79326	56194	1.43%	0.128%
16	8.942	1035	1038	1042	rVB	138714	100323	2.56%	0.228%
17	9.078	1059	1061	1064	rVB	72191	53367	1.36%	0.121%
18	9.178	1075	1078	1081	rVB	60016	50342	1.28%	0.114%
19	9.442	1119	1123	1126	rBV	4885920	3924510	100.00%	8.925%
20	9.507	1131	1134	1138	rBV	132294	125969	3.21%	0.286%
21	9.713	1164	1169	1172	rBV2	40607	56672	1.44%	0.129%
22	9.783	1173	1181	1183	rVV2	72837	92976	2.37%	0.211%
23	9.831	1187	1189	1197	rVB3	74782	87148	2.22%	0.198%
24	9.989	1213	1216	1220	rBV2	75454	63232	1.61%	0.144%
25	10.042	1222	1225	1228	rVB	123702	86981	2.22%	0.198%
26	10.131	1237	1240	1243	rVB	1552187	1205110	30.71%	2.740%
27	10.160	1243	1245	1248	rVB	145873	112314	2.86%	0.255%
28	10.330	1271	1274	1278	rVB2	91305	89145	2.27%	0.203%
29	10.366	1278	1280	1285	rBV2	49983	47352	1.21%	0.108%
30	10.542	1305	1310	1314	rVB2	91838	114152	2.91%	0.260%
31	10.678	1329	1333	1339	rVB2	114461	111904	2.85%	0.254%
32	10.766	1346	1348	1351	rVB	83487	63086	1.61%	0.143%
33	10.842	1355	1361	1364	rVB2	202488	194818	4.96%	0.443%
34	10.919	1371	1374	1378	rBV	1774827	1465897	37.35%	3.334%
35	10.960	1378	1381	1385	rVB	129602	117125	2.98%	0.266%
36	11.025	1389	1392	1393	rBV	83215	84977	2.17%	0.193%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132227.D
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Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

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-BF012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.354	1444	1448	1450	rBV3	49648	63688	1.62%	0.145%
38	11.377	1450	1452	1457	rVV2	44888	60828	1.55%	0.138%
39	11.430	1457	1461	1464	rVV2	70179	70494	1.80%	0.160%
40	11.472	1465	1468	1472	rVV2	114532	140058	3.57%	0.318%
41	11.525	1475	1477	1480	rVB	102604	80263	2.05%	0.183%
42	11.630	1491	1495	1497	rBV	1300852	1210964	30.86%	2.754%
43	11.654	1497	1499	1502	rVV	1612452	1204136	30.68%	2.738%
44	11.701	1502	1507	1510	rVV	284196	274011	6.98%	0.623%
45	11.854	1530	1533	1536	rBV2	106932	100963	2.57%	0.230%
46	11.901	1539	1541	1543	rVV2	66044	49346	1.26%	0.112%
47	11.960	1548	1551	1556	rVB2	49770	51186	1.30%	0.116%
48	12.130	1577	1580	1583	rBV	390004	391440	9.97%	0.890%
49	12.160	1583	1585	1590	rVB	359086	288086	7.34%	0.655%
50	12.207	1590	1593	1596	rBV	127131	114774	2.92%	0.261%
51	12.248	1596	1600	1602	rVV2	320814	358455	9.13%	0.815%
52	12.266	1602	1603	1608	rVB	167235	127640	3.25%	0.290%
53	12.313	1608	1611	1613	rBV2	98280	84787	2.16%	0.193%
54	12.430	1628	1631	1633	rBV	165226	144220	3.67%	0.328%
55	12.454	1633	1635	1638	rVB2	96941	85068	2.17%	0.193%
56	12.577	1654	1656	1658	rVB2	90357	64711	1.65%	0.147%
57	12.630	1663	1665	1668	rVB	61017	51724	1.32%	0.118%
58	12.683	1671	1674	1676	rBV	160884	159723	4.07%	0.363%
59	12.772	1686	1689	1693	rBV2	127483	132414	3.37%	0.301%
60	12.854	1699	1703	1706	rBV	2488050	2086805	53.17%	4.746%
61	12.889	1707	1709	1711	rBV2	64313	47689	1.22%	0.108%
62	12.924	1711	1715	1717	rBV2	73095	97114	2.47%	0.221%
63	13.007	1726	1729	1731	rBV	93351	74975	1.91%	0.170%
64	13.066	1736	1739	1740	rBV	398834	395641	10.08%	0.900%
65	13.083	1740	1742	1747	rVV	2089959	2005583	51.10%	4.561%
66	13.130	1747	1750	1754	rVB2	131097	133637	3.41%	0.304%
67	13.224	1762	1766	1769	rVB	3264299	3036457	77.37%	6.905%
68	13.301	1775	1779	1783	rBV2	147680	261871	6.67%	0.596%
69	13.413	1791	1798	1800	rBV2	290628	397156	10.12%	0.903%
70	13.436	1800	1802	1805	rBV2	108987	90898	2.32%	0.207%
71	13.477	1807	1809	1812	rVB	152207	122603	3.12%	0.279%
72	13.519	1812	1816	1818	rBV2	248453	278033	7.08%	0.632%
73	13.613	1829	1832	1834	rBV	152107	118766	3.03%	0.270%
74	13.642	1834	1837	1840	rBV	159337	163533	4.17%	0.372%
75	13.783	1859	1861	1863	rBV	154750	122225	3.11%	0.278%
76	13.918	1882	1884	1889	rVB	162945	163770	4.17%	0.372%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132227.D
Acq On : 31 Jan 2023 00:04
Operator : CG\JU
Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

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-BF012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.066	1907	1909	1911	rBV	182291	152951	3.90%	0.348%
78	14.089	1911	1913	1916	rBV2	111789	146453	3.73%	0.333%
79	14.289	1942	1947	1950	rBV3	1370578	2058994	52.46%	4.682%
80	14.318	1950	1952	1958	rVB	977323	823672	20.99%	1.873%
81	14.436	1969	1972	1975	rBV	159526	170874	4.35%	0.389%
82	14.748	2023	2025	2028	rBV2	130930	109542	2.79%	0.249%
83	15.401	2132	2136	2140	rBV	603522	1045640	26.64%	2.378%
84	15.742	2192	2194	2201	rVB	349048	476550	12.14%	1.084%
85	15.812	2202	2206	2214	rBV	498607	794103	20.23%	1.806%
86	15.883	2215	2218	2222	rBV2	453738	640033	16.31%	1.455%
87	16.683	2351	2354	2364	rVB	262452	507324	12.93%	1.154%

Sum of corrected areas: 43974364

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
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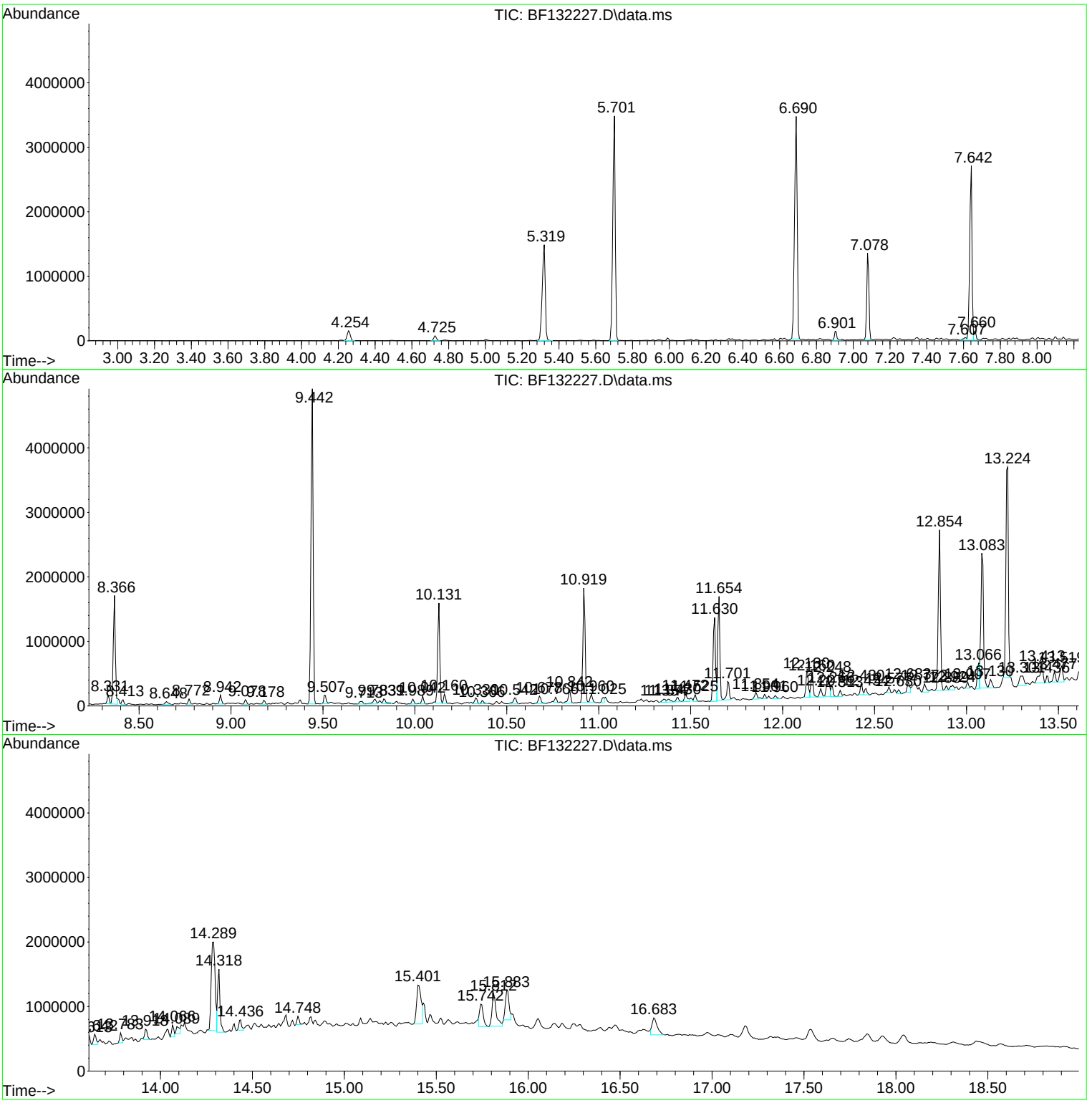
Instrument :
BNA_F
ClientSampleId :
DR-1-012523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.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\BF013023\
Data File : BF132227.D
Acq On : 31 Jan 2023 00:04
Operator : CG\JU
Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

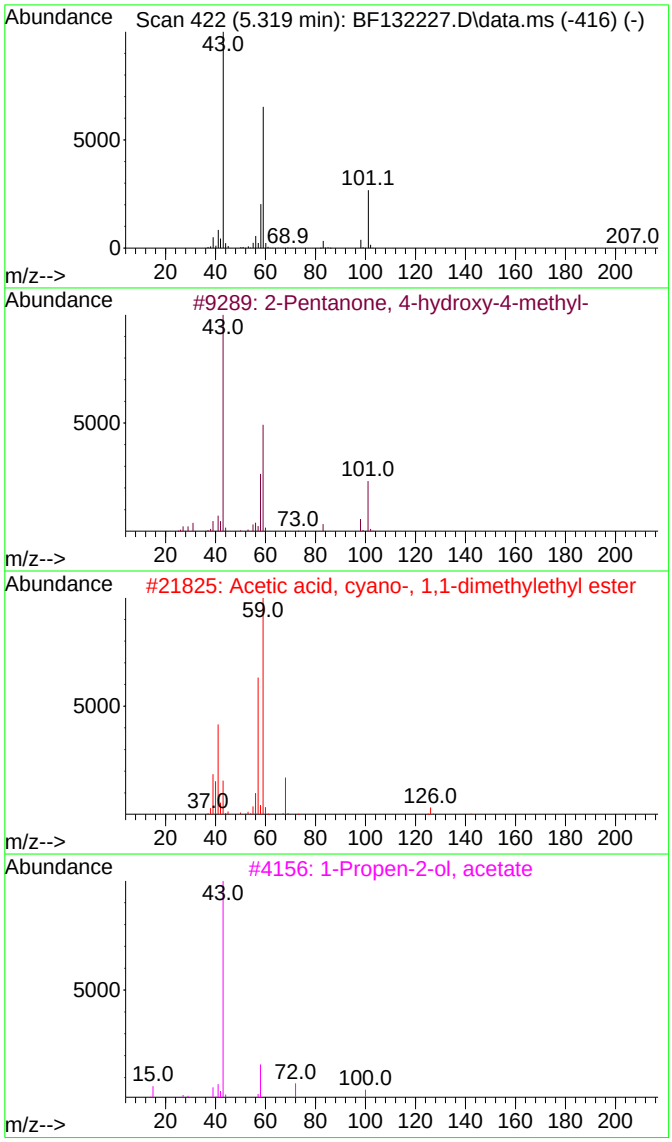
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

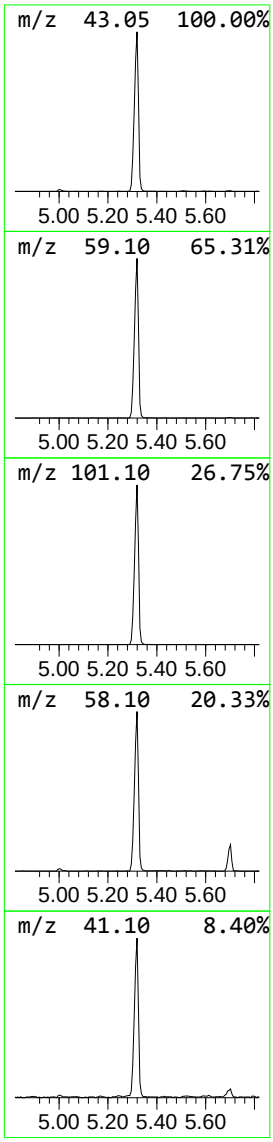
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.319	31.15 ng	1692360	1,4-Dichlorobenzene-d4	7.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132227.D
Acq On : 31 Jan 2023 00:04
Operator : CG\JU
Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

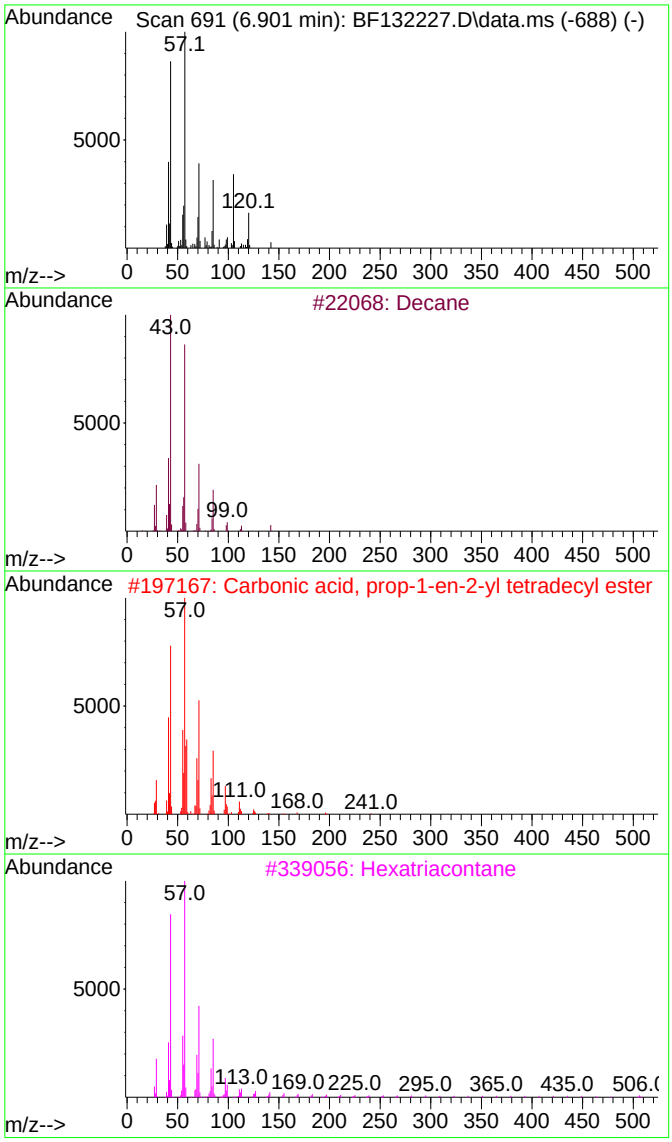
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

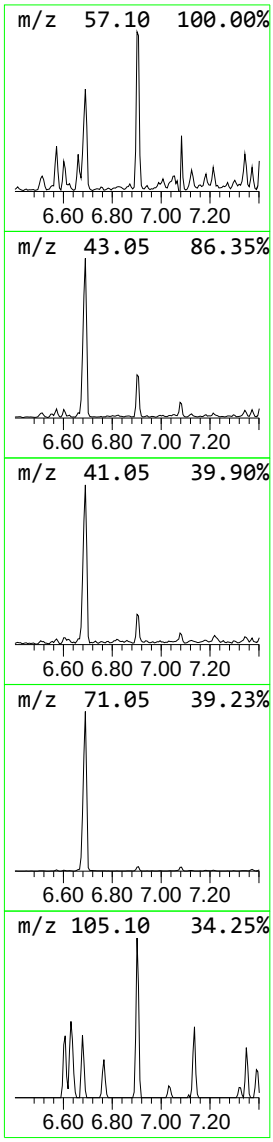
****

Peak Number 3 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.901	2.38 ng	129479	1,4-Dichlorobenzene-d4	7.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	70
2	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	59
3	Hexatriacontane	507	C36H74	000630-06-8	53
4	Decyl isobutyl ether	214	C14H30O	1010406-32-5	53
5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132227.D
Acq On : 31 Jan 2023 00:04
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Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

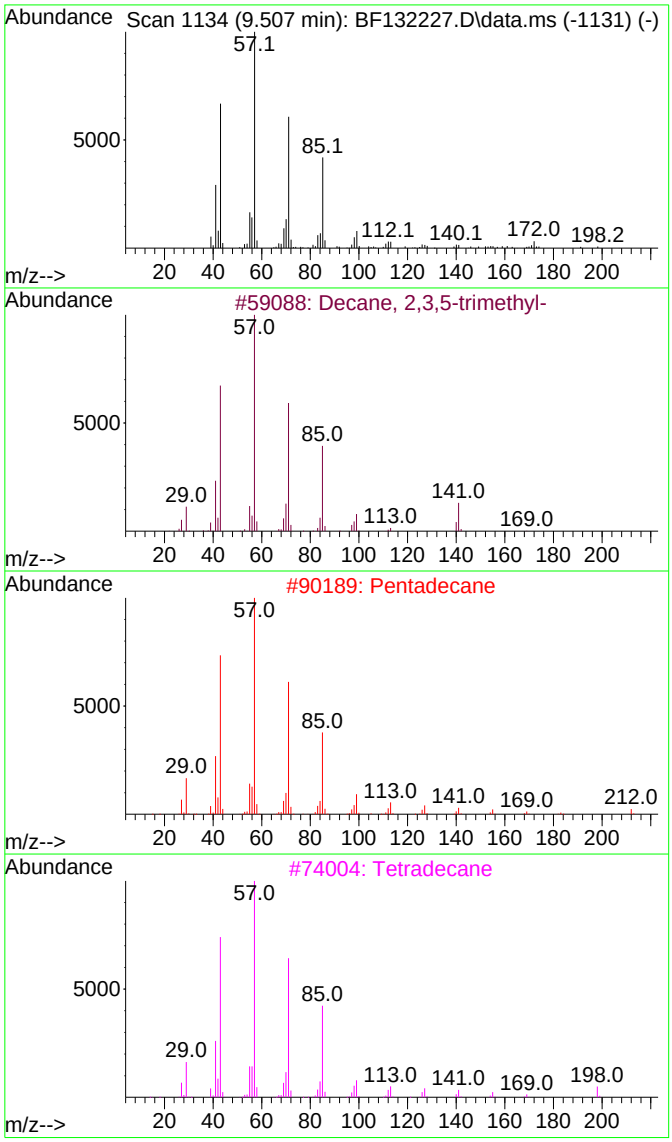
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

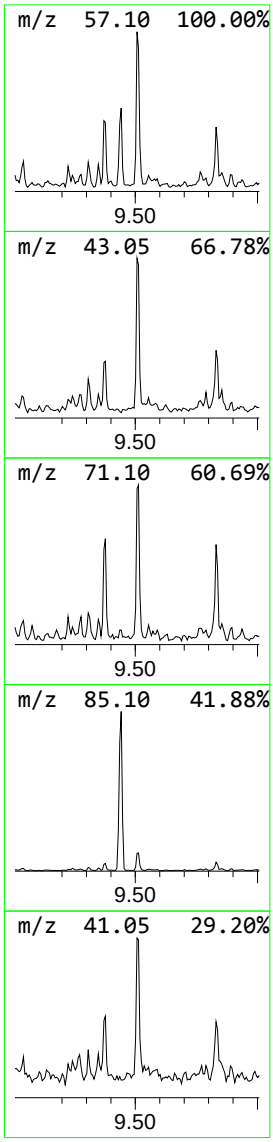
****

Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.507	2.09 ng	125969	Acenaphthene-d10	10.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Pentadecane	212	C15H32	000629-62-9	83
3	Tetradecane	198	C14H30	000629-59-4	78
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
5	Dodecane	170	C12H26	000112-40-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132227.D
Acq On : 31 Jan 2023 00:04
Operator : CG\JU
Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

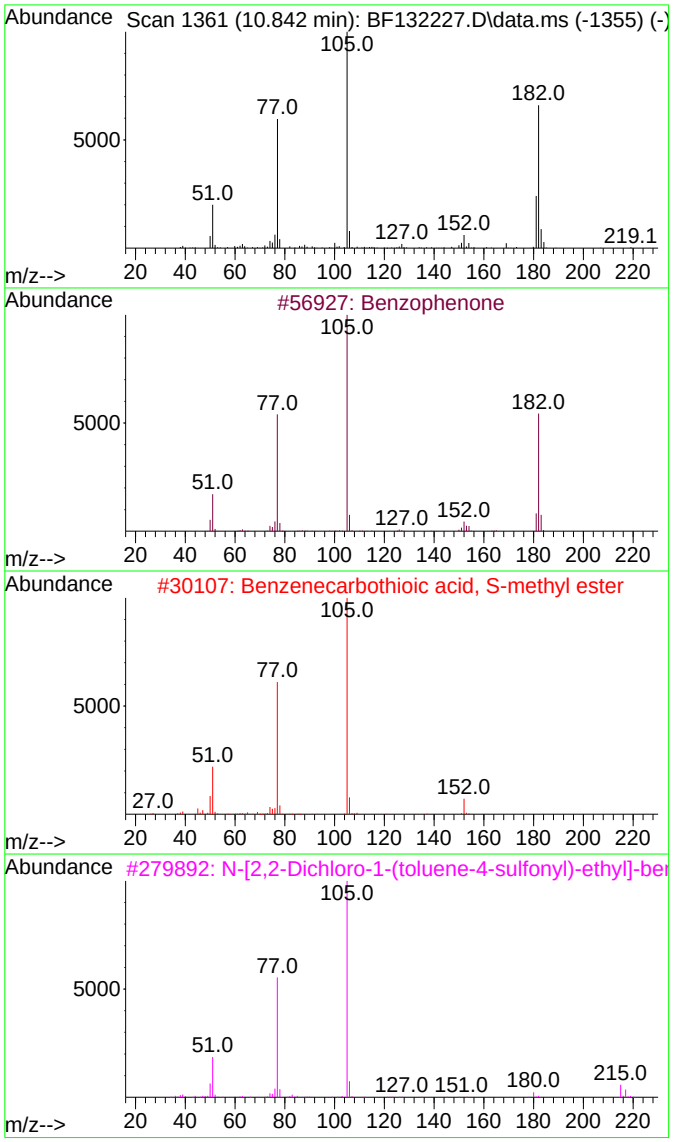
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

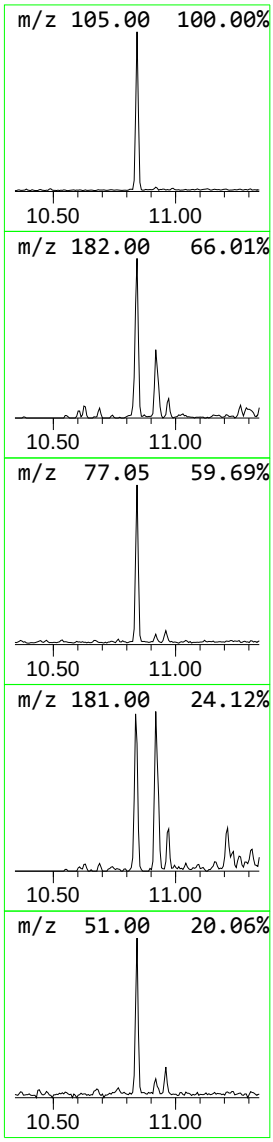
****

Peak Number 5 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.842	3.23 ng	194818	Acenaphthene-d10	10.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3	N-[2,2-Dichloro-1-(toluene-4-sul...	371	C16H15Cl2NO3S	136800-77-6	43
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43
5	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132227.D
Acq On : 31 Jan 2023 00:04
Operator : CG\JU
Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

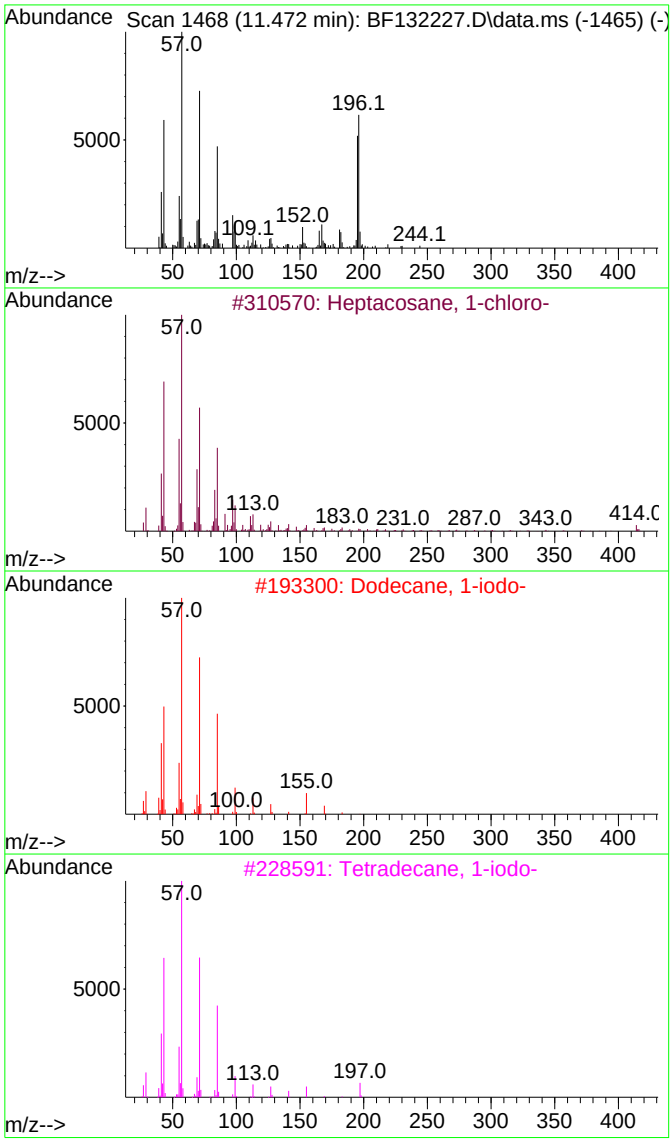
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

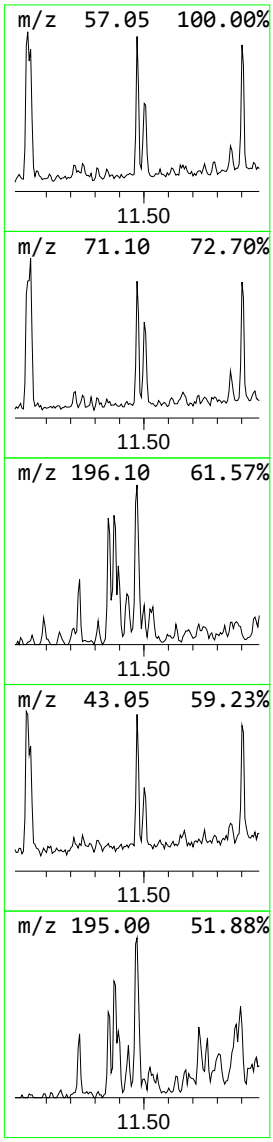
****

Peak Number 6 unknown11.472 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.472	2.31 ng	140058	Phenanthrene-d10	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	46
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	45
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	45
4	Tetracosane	338	C24H50	000646-31-1	43
5	Heptadecane	240	C17H36	000629-78-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132227.D
Acq On : 31 Jan 2023 00:04
Operator : CG\JU
Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

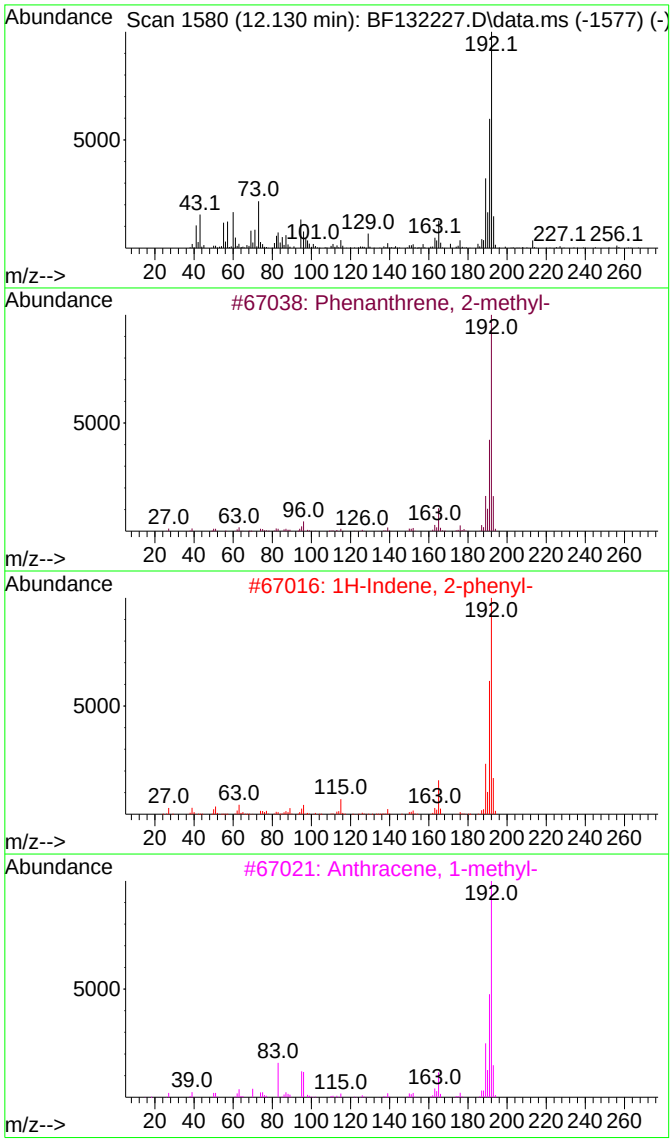
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

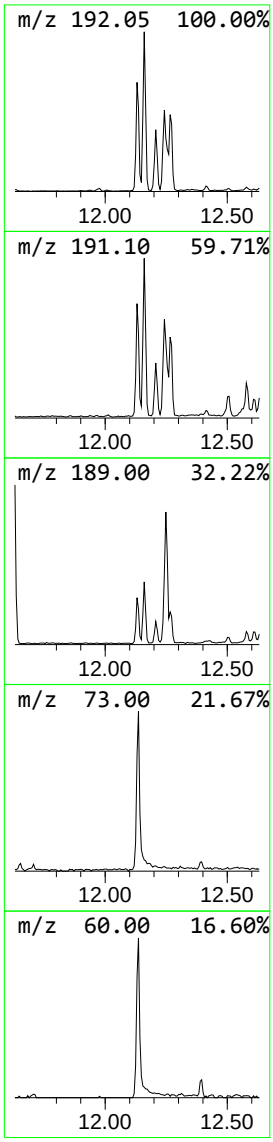
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.130	6.46 ng	391440	Phenanthrene-d10	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





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Acq On : 31 Jan 2023 00:04
Operator : CG\JU
Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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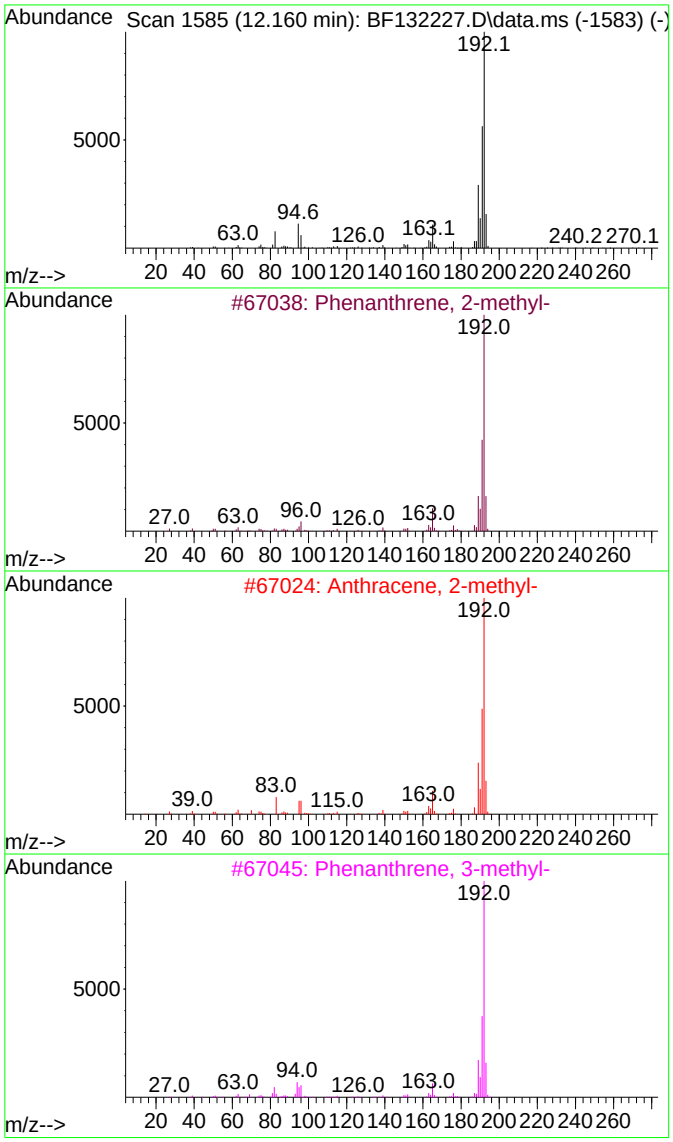
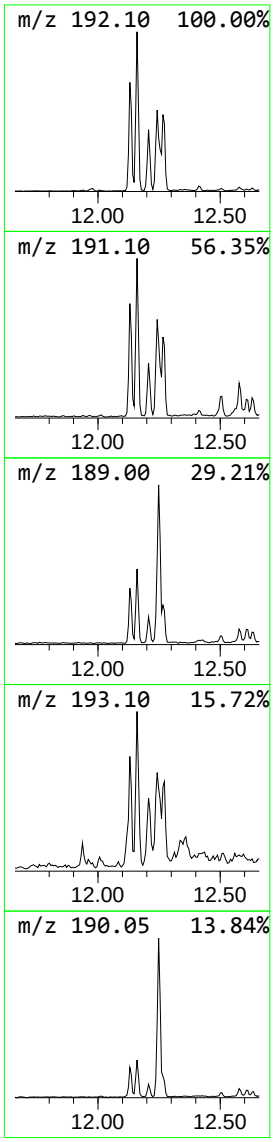
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.160	4.76 ng	288086	Phenanthrene-d10	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DR-1-012523

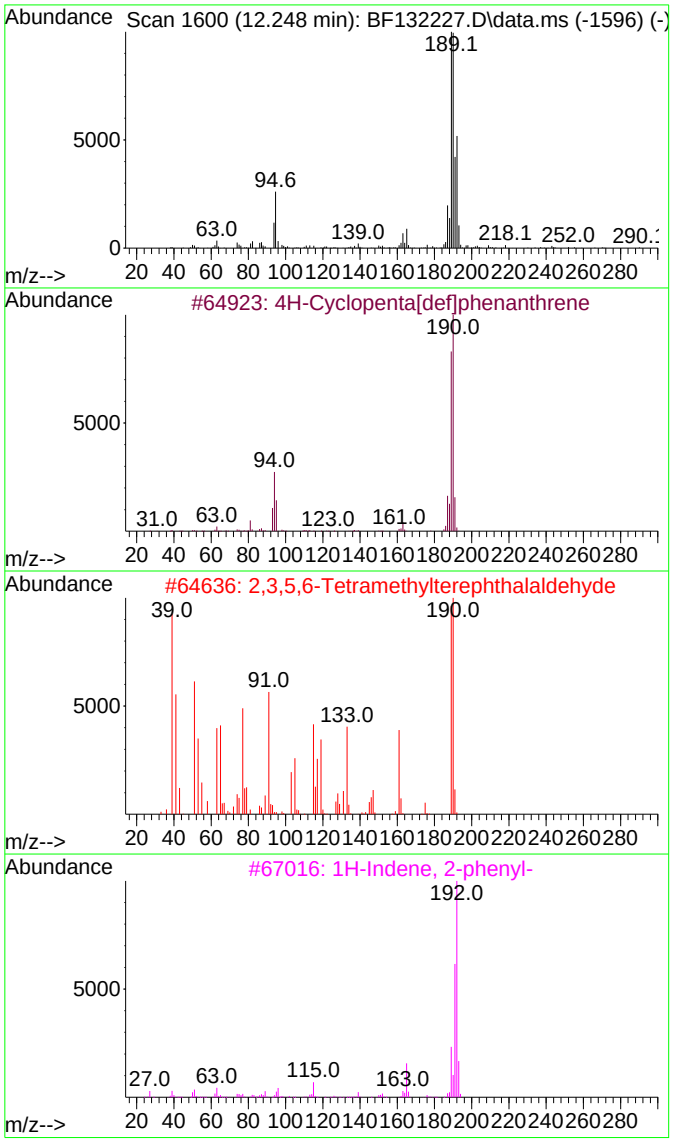
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

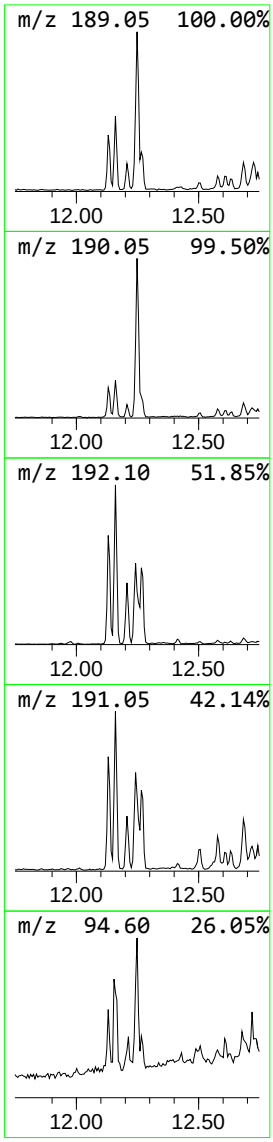
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.248	5.92 ng	358455	Phenanthrene-d10	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





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Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DR-1-012523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.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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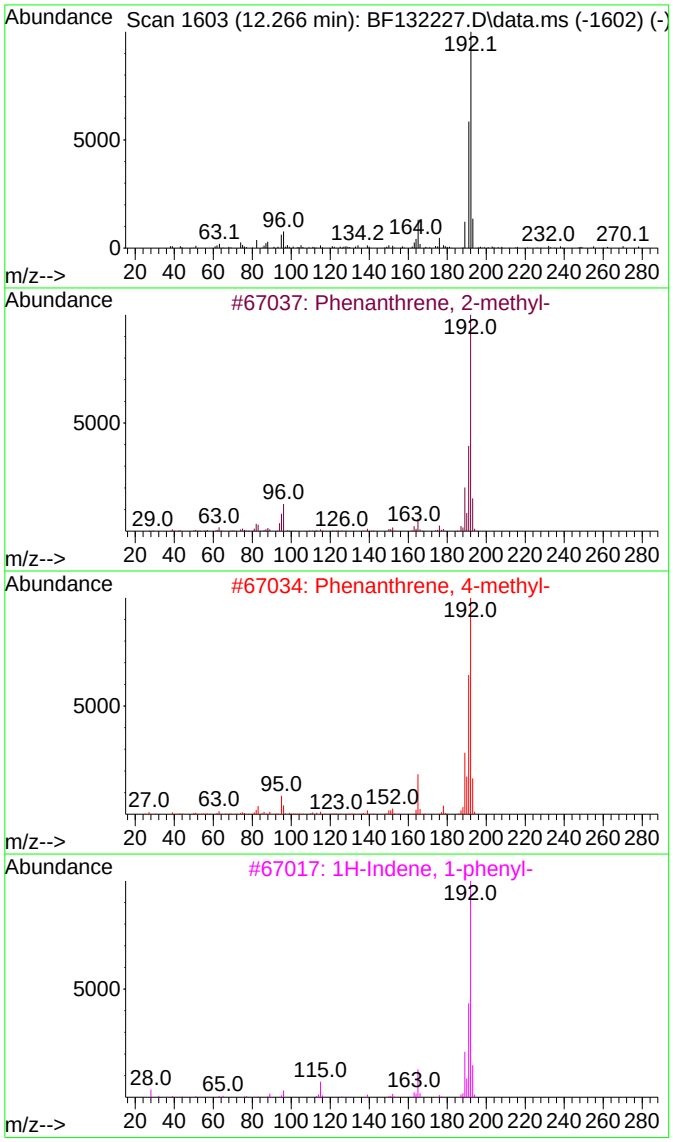
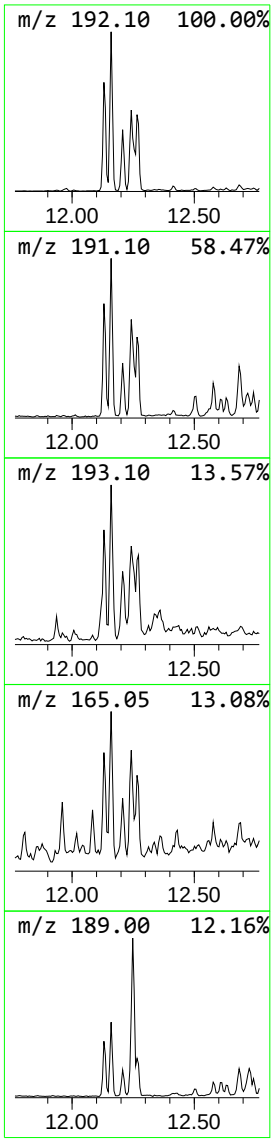
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.266	2.11 ng	127640	Phenanthrene-d10	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	80





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Acq On : 31 Jan 2023 00:04
Operator : CG\JU
Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.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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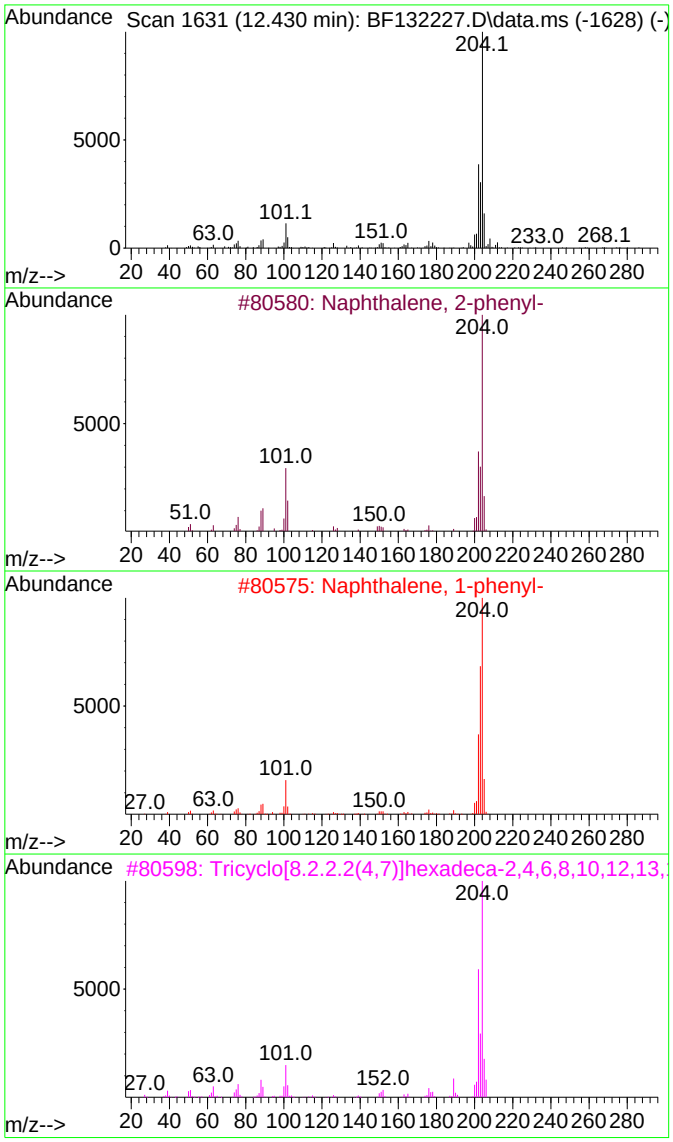
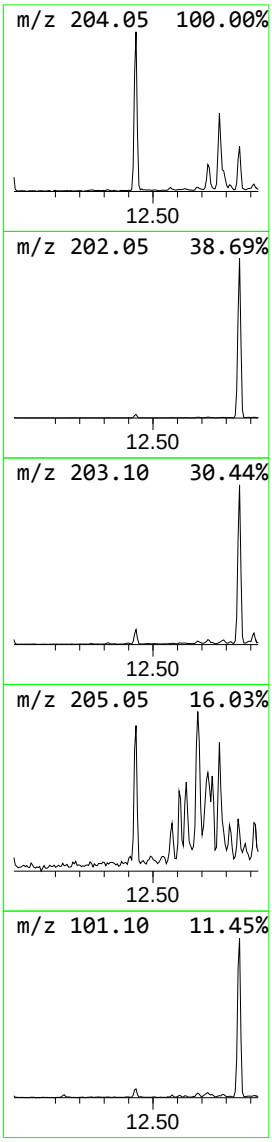
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.430	2.38 ng	144220	Phenanthrene-d10	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	53
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	50





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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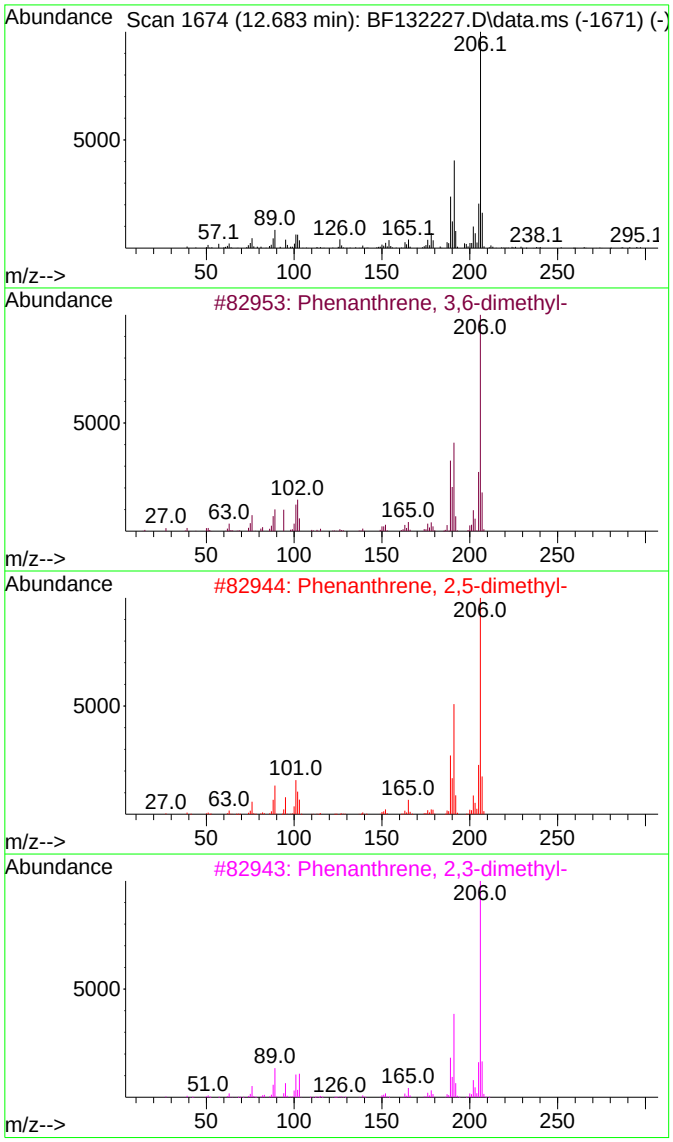
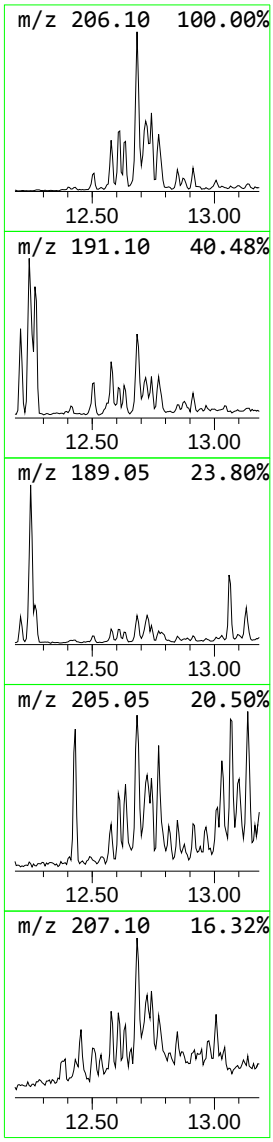
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.683	2.64 ng	159723	Phenanthrene-d10	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





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Acq On : 31 Jan 2023 00:04
Operator : CG\JU
Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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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

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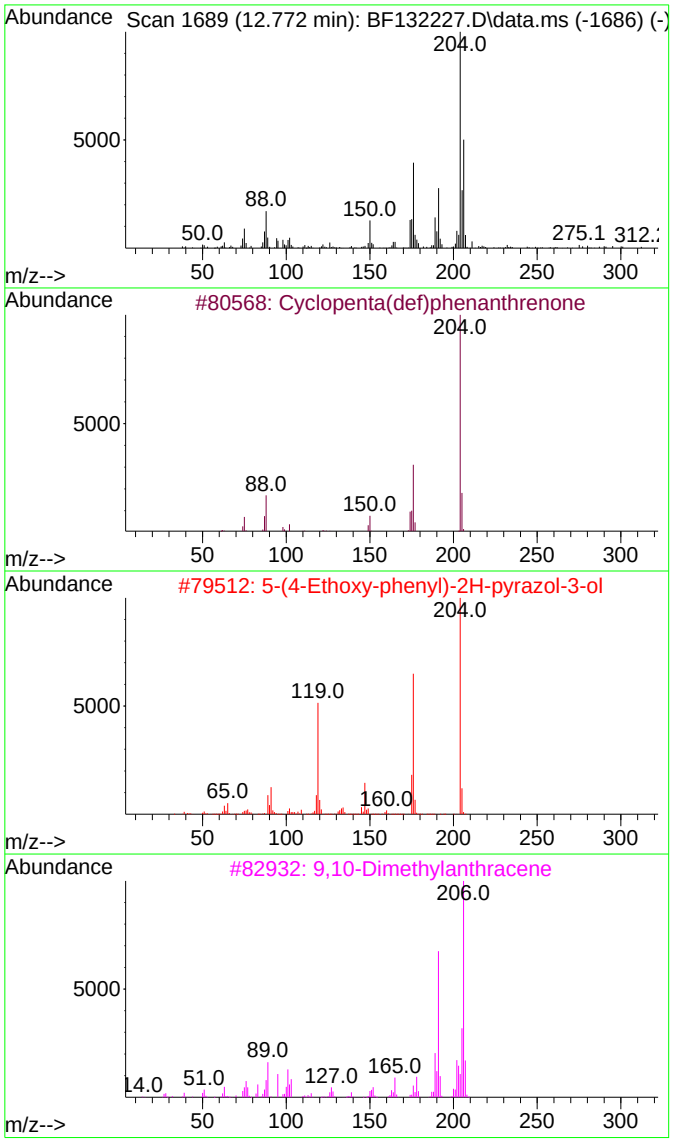
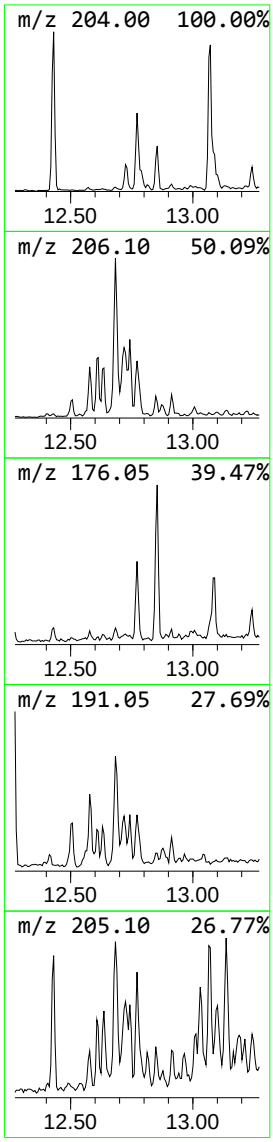
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.772	2.19 ng	132414	Phenanthrene-d10	11.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	46
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	35





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Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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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

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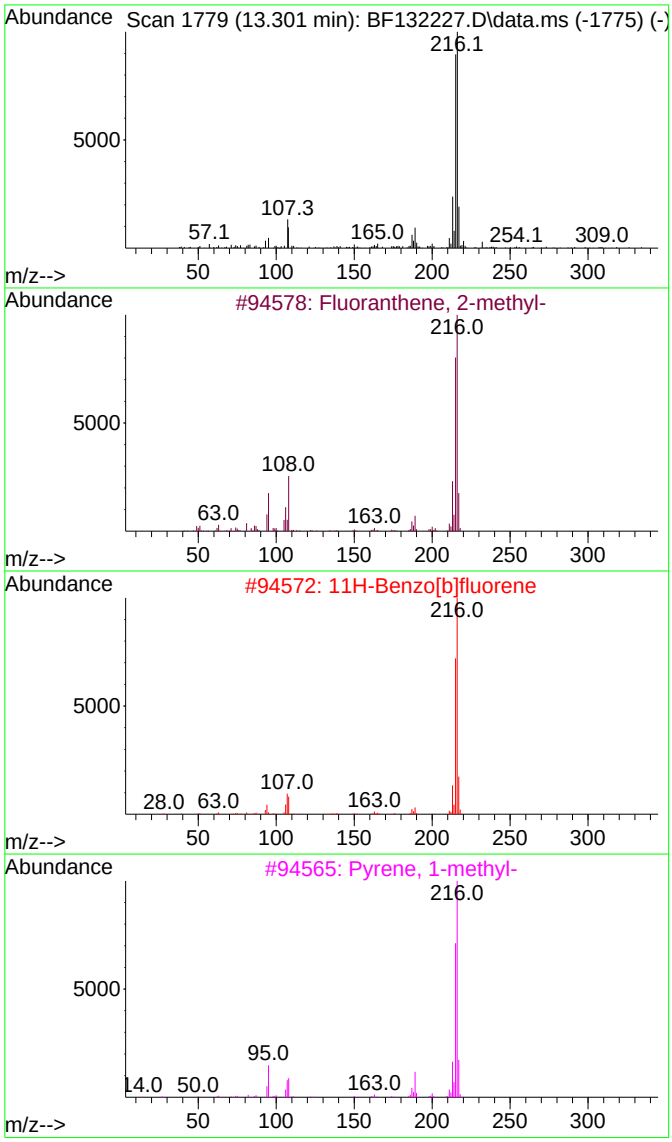
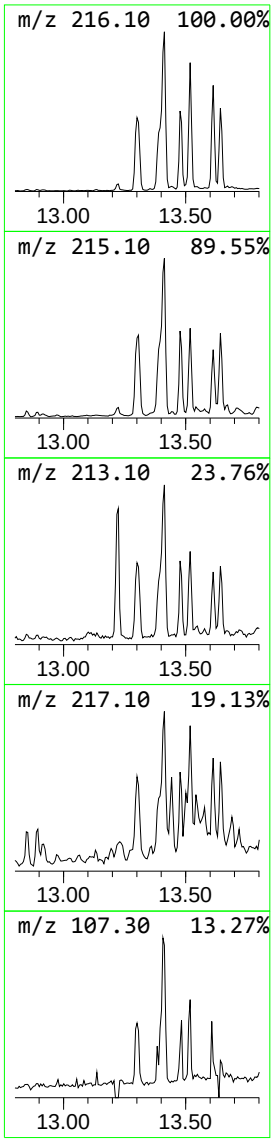
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.301	2.54 ng	261871	Chrysene-d12	14.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	78





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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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

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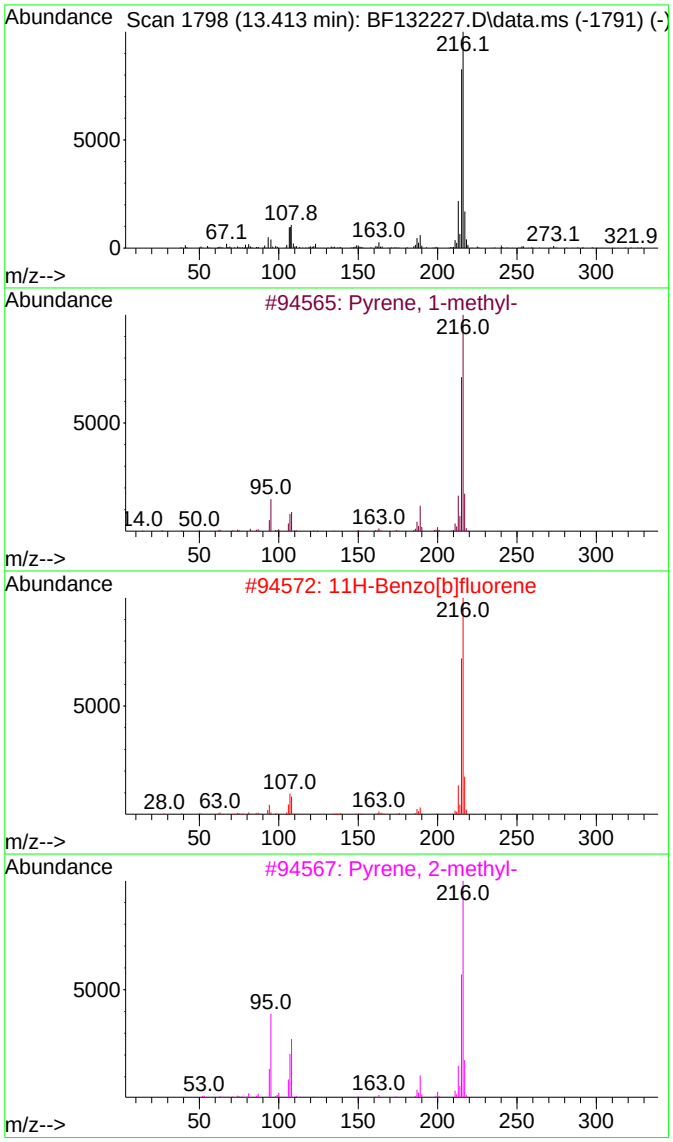
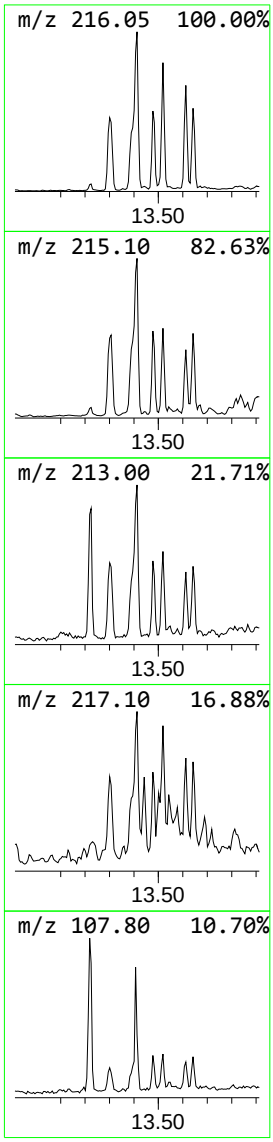
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.413	3.86 ng	397156	Chrysene-d12	14.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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ALS Vial : 17 Sample Multiplier: 1

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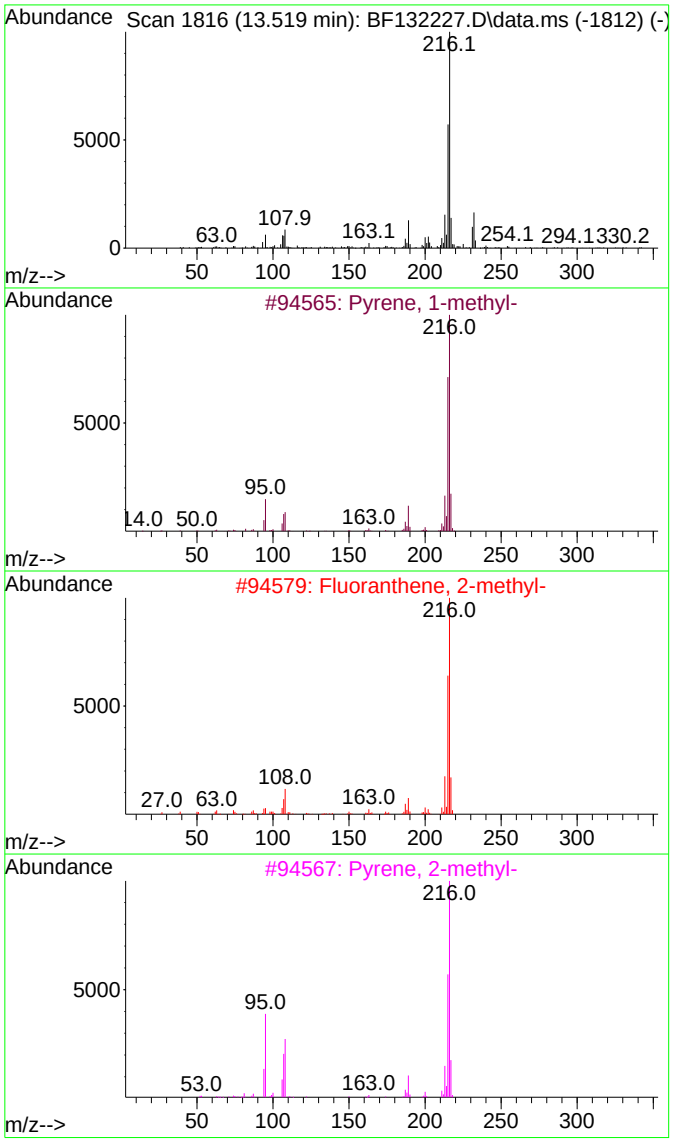
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

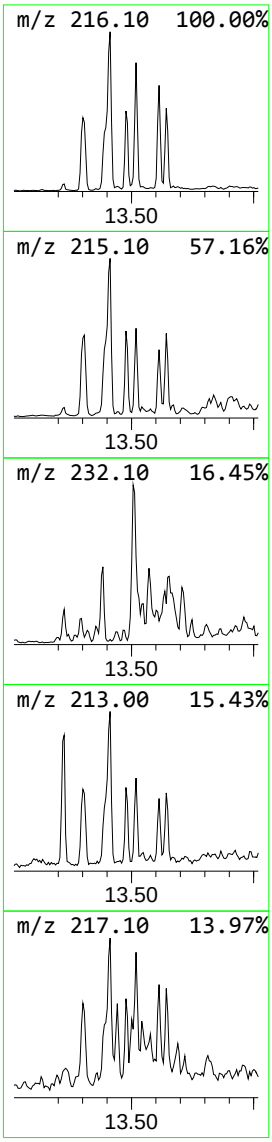
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.519	2.70 ng	278033	Chrysene-d12	14.289

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Misc :
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Instrument :
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ClientSampleId :
DR-1-012523

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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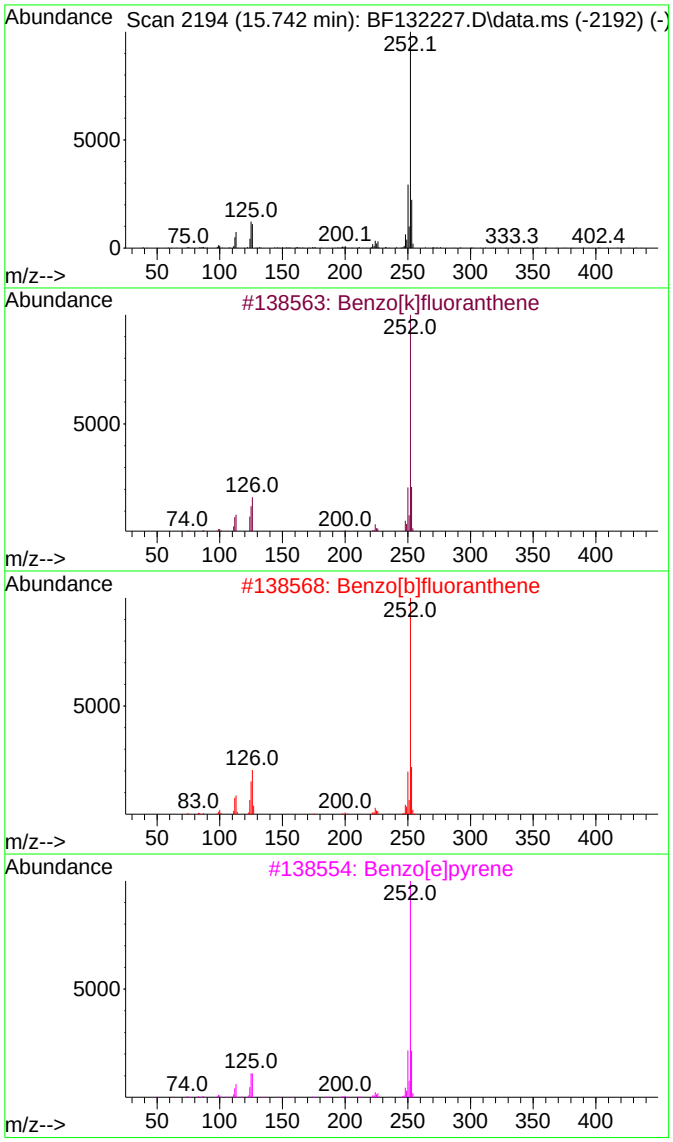
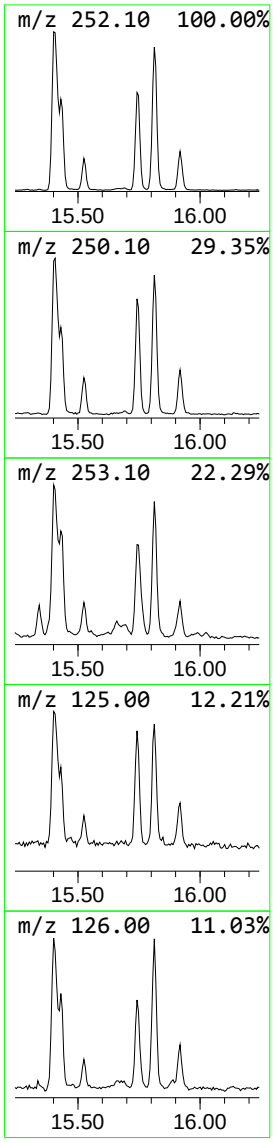
Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.742	14.89 ng	476550	Perylene-d12	15.883

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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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

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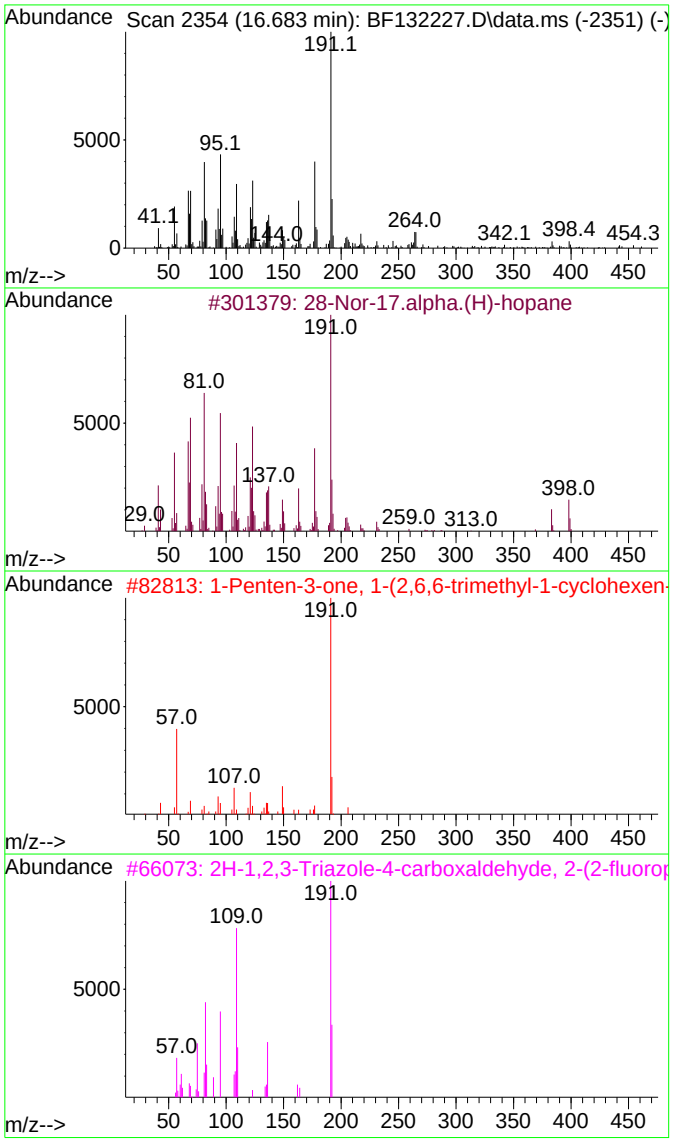
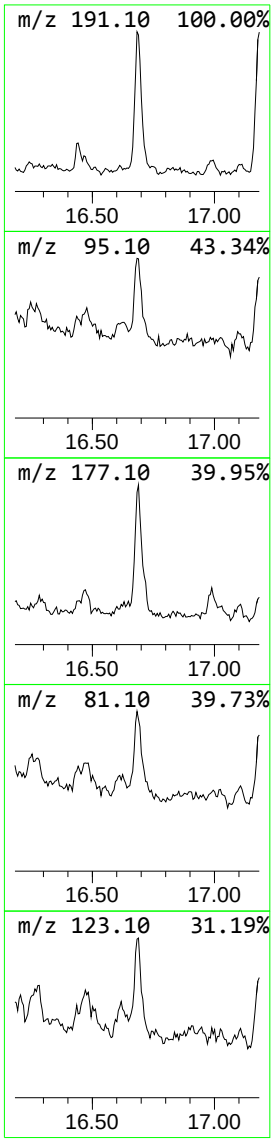
Peak Number 18 28-Nor-17.alpha.(H)-hopane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.683	15.85 ng	507324	Perylene-d12	15.883

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	90
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	41
3	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	38
4	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132227.D
Acq On : 31 Jan 2023 00:04
Operator : CG\JU
Sample : 01318-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.319	31.1	ng	1692360	1	7.078	1086460	20.0
Decane	6.901	2.4	ng	129479	1	7.078	1086460	20.0
Decane, 2,3,5-t...	9.507	2.1	ng	125969	3	10.131	1205110	20.0
Benzophenone	10.842	3.2	ng	194818	3	10.131	1205110	20.0
unknown11.472	11.472	2.3	ng	140058	4	11.630	1210960	20.0
Phenanthrene, 2...	12.130	6.5	ng	391440	4	11.630	1210960	20.0
Anthracene, 2-m...	12.160	4.8	ng	288086	4	11.630	1210960	20.0
4H-Cyclopenta[d...	12.248	5.9	ng	358455	4	11.630	1210960	20.0
Phenanthrene, 4...	12.266	2.1	ng	127640	4	11.630	1210960	20.0
Naphthalene, 2-...	12.430	2.4	ng	144220	4	11.630	1210960	20.0
Phenanthrene, 3...	12.683	2.6	ng	159723	4	11.630	1210960	20.0
Cyclopenta(def)...	12.772	2.2	ng	132414	4	11.630	1210960	20.0
Fluoranthene, 2...	13.301	2.5	ng	261871	5	14.289	2058990	20.0
Pyrene, 1-methyl-	13.413	3.9	ng	397156	5	14.289	2058990	20.0
Pyrene, 2-methyl-	13.519	2.7	ng	278033	5	14.289	2058990	20.0
Benzo[e]pyrene	15.742	14.9	ng	476550	6	15.883	640033	20.0
28-Nor-17.alpha...	16.683	15.9	ng	507324	6	15.883	640033	20.0