LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141572.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.487	403	407	412	rBV	15411	21752	1.03%	0.079%
2	4.993	489	493	505	rVB	13226	23403	1.10%	0.085%
3	5.404	558	563	584	rBV	1324583	1850898	87.22%	6.689%
4	6.422	731	736	755	rBV	1356989	1907423	89.88%	6.893%
5	6.787	793	798	805	rBV	347697	438045	20.64%	1.583%
6	7.345	887	893	904	rBV	931444	1274016	60.04%	4.604%
7	7.604	931	937	949	rBV	34871	57135	2.69%	0.206%
8	8.069	1010	1016	1032	rBV	406212	617627	29.10%	2.232%
9	8.292	1050	1054	1061	rVB	15234	21289	1.00%	0.077%
10	9.139	1193	1198	1207	rBV	1620659	2122115	100.00%	7.669%
11	9.222	1207	1212	1217	rBV2	19141	30701	1.45%	0.111%
12	9.480	1249	1256	1258	rBV	20516	32600	1.54%	0.118%
13	9.751	1295	1302	1306	rBV	36462	51248	2.41%	0.185%
14	9.822	1307	1314	1317	rVV	442910	598302	28.19%	2.162%
15	9.851	1317	1319	1324	rVB	72796	81840	3.86%	0.296%
16	9.980	1336	1341	1344	rBV3	18235	29232	1.38%	0.106%
17	10.027	1344	1349	1353	rVV2	36642	64236	3.03%	0.232%
18	10.069	1353	1356	1365	rVB6	17780	32631	1.54%	0.118%
19	10.251	1380	1387	1391	rBV	64928	95704	4.51%	0.346%
20	10.369	1402	1407	1413	rBV2	42591	66755	3.15%	0.241%
21	10.433	1413	1418	1419	rVV3	14555	23327	1.10%	0.084%
22	10.469	1420	1424	1430	rVV	37160	78805	3.71%	0.285%
23	10.533	1430	1435	1442	rVV2	166173	238469	11.24%	0.862%
24	10.610	1442	1448	1459	rVV	881493	1187200	55.94%	4.290%
25	10.727	1463	1468	1476	rVB	98220	169100	7.97%	0.611%
26	10.916	1495	1500	1503	rBV4	24986	45207	2.13%	0.163%
27	11.063	1518	1525	1530	rBV3	23156	56507	2.66%	0.204%
28	11.110	1530	1533	1537	rVV	31242	39959	1.88%	0.144%
29	11.169	1537	1543	1546	rVV3	94588	151338	7.13%	0.547%
30	11.204	1546	1549	1554	rVB	68322	95059	4.48%	0.344%
31	11.304	1561	1566	1568	rBV	400063	544036	25.64%	1.966%
32	11.327	1568	1570	1575	rVV	601906	738034	34.78%	2.667%
33	11.380	1575	1579	1583	rVB	126750	163431	7.70%	0.591%
34	11.539	1602	1606	1612	rBV3	31582	59862	2.82%	0.216%
35	11.598	1612	1616	1620	rBV2	90325	111030	5.23%	0.401%
36	11.763	1641	1644	1647	rBV3	16944	24230	1.14%	0.088%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.810	1647	1652	1653	rVV	86615	110528	5.21%	0.399%
38	11.839	1653	1657	1661	rVV	265468	382908	18.04%	1.384%
39	11.880	1662	1664	1667	rVV	54859	75584	3.56%	0.273%
40	11.921	1667	1671	1679	rVB	157833	319243	15.04%	1.154%
41	12.010	1681	1686	1690	rBV	64183	95516	4.50%	0.345%
42	12.104	1698	1702	1705	rBV	66276	88107	4.15%	0.318%
43	12.251	1723	1727	1730	rBV	46753	61537	2.90%	0.222%
44	12.357	1741	1745	1748	rBV	58651	80634	3.80%	0.291%
45	12.398	1748	1752	1757	rVB	77563	110954	5.23%	0.401%
46	12.445	1757	1760	1765	rVB	68152	89271	4.21%	0.323%
47	12.521	1768	1773	1778	rBV	1147673	1470558	69.30%	5.314%
48	12.621	1787	1790	1793	rBV4	31354	49312	2.32%	0.178%
49	12.751	1805	1812	1817	rBV	1128906	1678538	79.10%	6.066%
50	12.798	1817	1820	1826	rVB2	64863	101613	4.79%	0.367%
51	12.892	1828	1836	1843	rVB	1351697	1857392	87.53%	6.712%
52	12.968	1843	1849	1853	rBV3	95925	177374	8.36%	0.641%
53	13.074	1861	1867	1871	rVB2	121587	234251	11.04%	0.847%
54	13.145	1872	1879	1881	rBV2	59669	114948	5.42%	0.415%
55	13.180	1881	1885	1892	rVB3	122337	199104	9.38%	0.719%
56	13.274	1897	1901	1903	rVV	62256	77614	3.66%	0.280%
57	13.304	1903	1906	1914	rVB2	65659	96181	4.53%	0.348%
58	13.468	1930	1934	1936	rBV3	42167	64693	3.05%	0.234%
59	13.586	1950	1954	1959	rVB	91717	130030	6.13%	0.470%
60	13.692	1968	1972	1975	rBV2	97686	157203	7.41%	0.568%
61	13.721	1975	1977	1979	rVV	42672	46779	2.20%	0.169%
62	13.792	1986	1989	1993	rVB	98877	120256	5.67%	0.435%
63	13.945	2008	2015	2018	rBV2	843421	1541479	72.64%	5.570%
64	13.974	2018	2020	2027	rVB	569835	663740	31.28%	2.399%
65	14.051	2030	2033	2038	rVB	81222	95663	4.51%	0.346%
66	14.333	2077	2081	2085	rBV	107203	131813	6.21%	0.476%
67	14.462	2100	2103	2105	rBV2	44533	61965	2.92%	0.224%
68	14.980	2186	2191	2200	rBV	623308	1410861	66.48%	5.098%
69	15.086	2206	2209	2213	rVB	98398	120162	5.66%	0.434%
70	15.274	2237	2241	2247	rVB	343000	554722	26.14%	2.005%
71	15.339	2247	2252	2257	rVB	504155	733294	34.55%	2.650%
72	15.398	2257	2262	2265	rBV	281572	448851	21.15%	1.622%
73	16.833	2500	2506	2515	rVB2	206755	432767	20.39%	1.564%
74	17.268	2573	2580	2590	rBV	156946	344622	16.24%	1.245%

Sum of corrected areas: 27672613

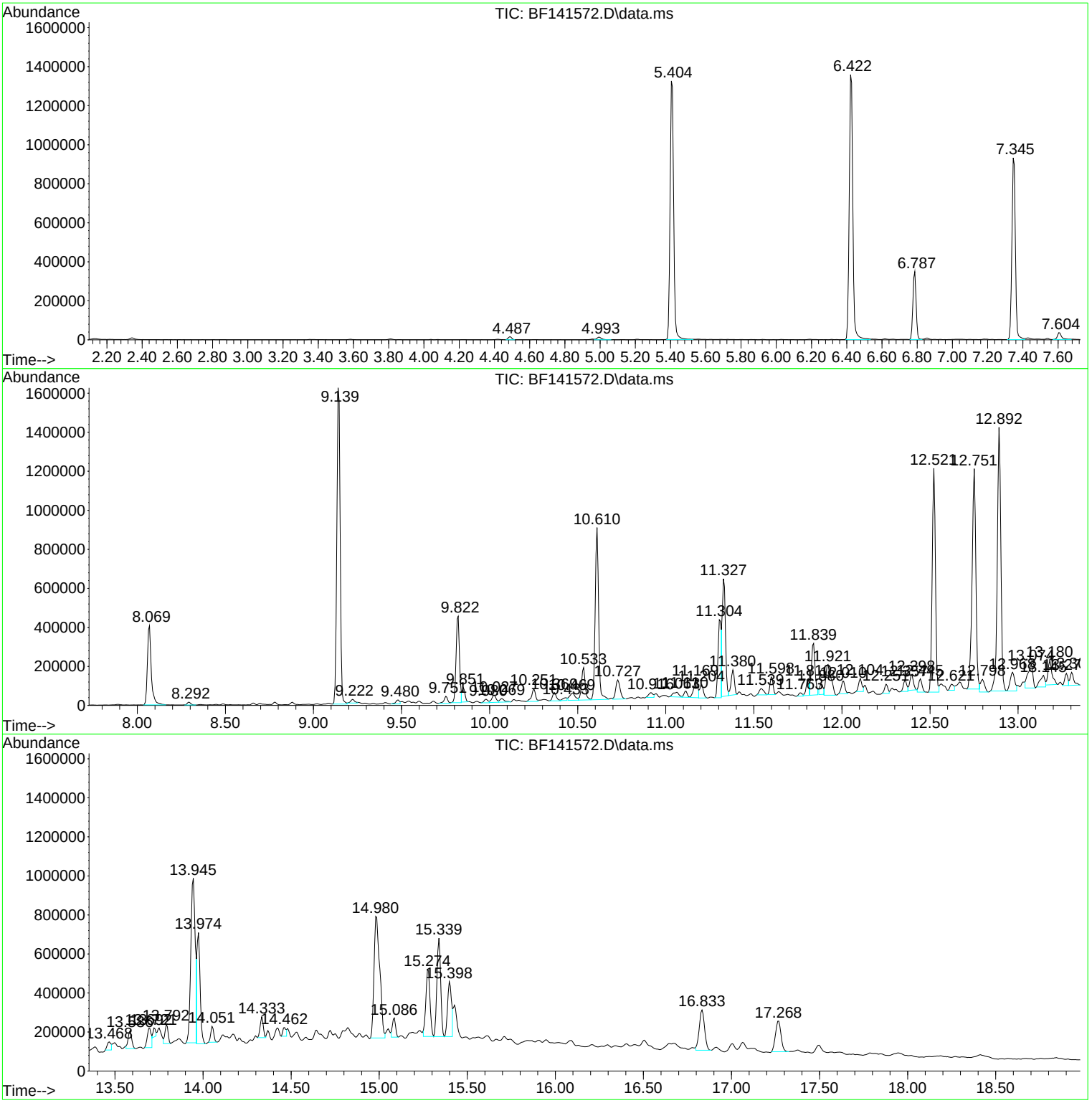
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

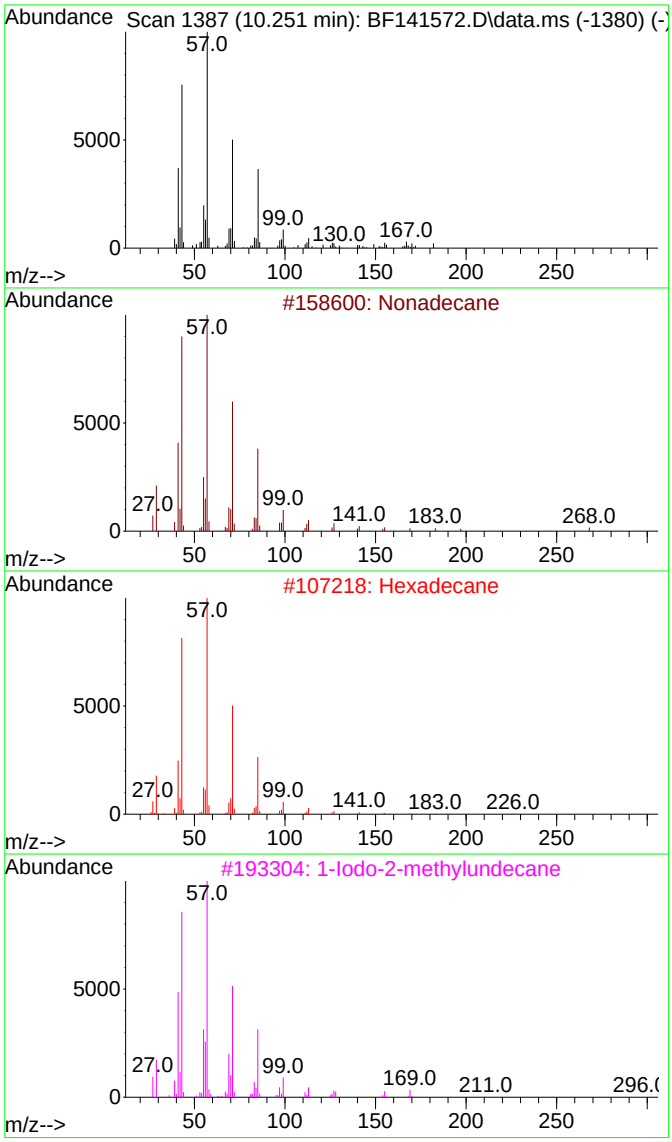
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

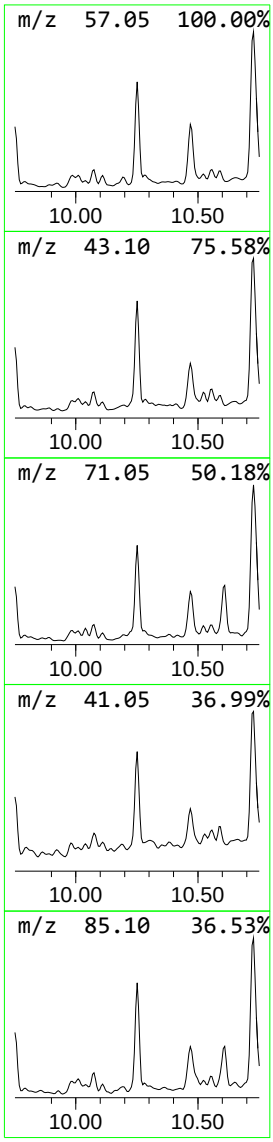
****

Peak Number 1 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	3.20 ng	95704	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	5-Ethyldecane	170	C12H26	017302-36-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

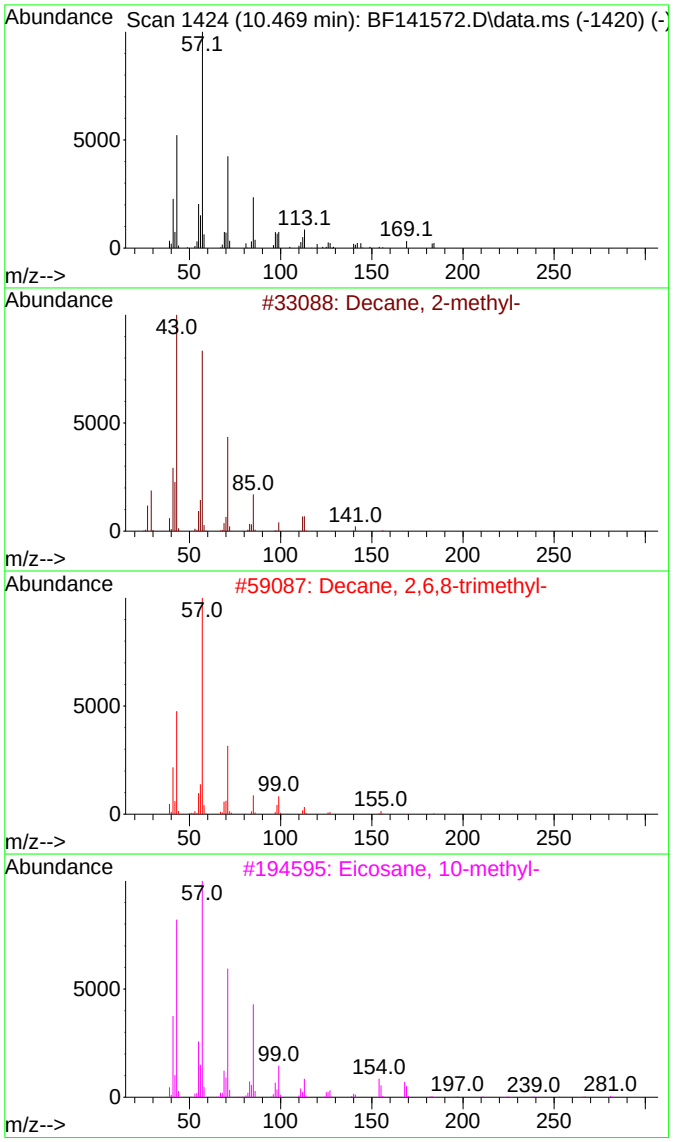
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

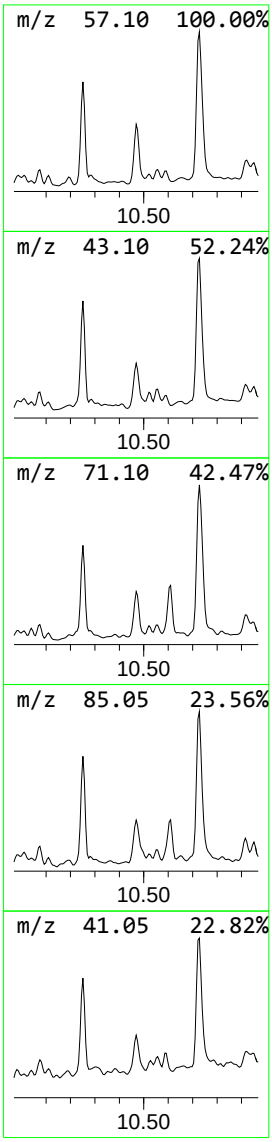
****

Peak Number 2 Decane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	2.63 ng	78805	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	74
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

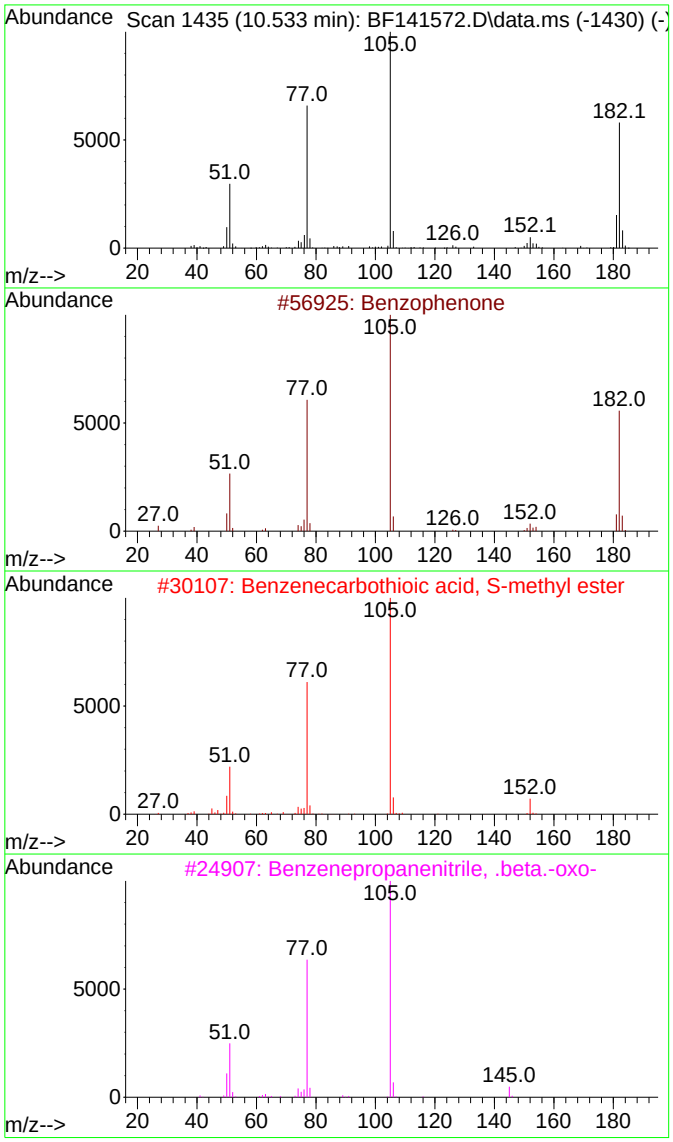
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

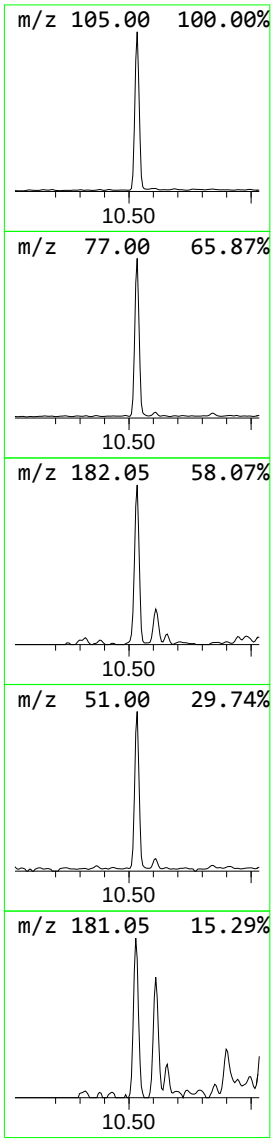
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	7.97 ng	238469	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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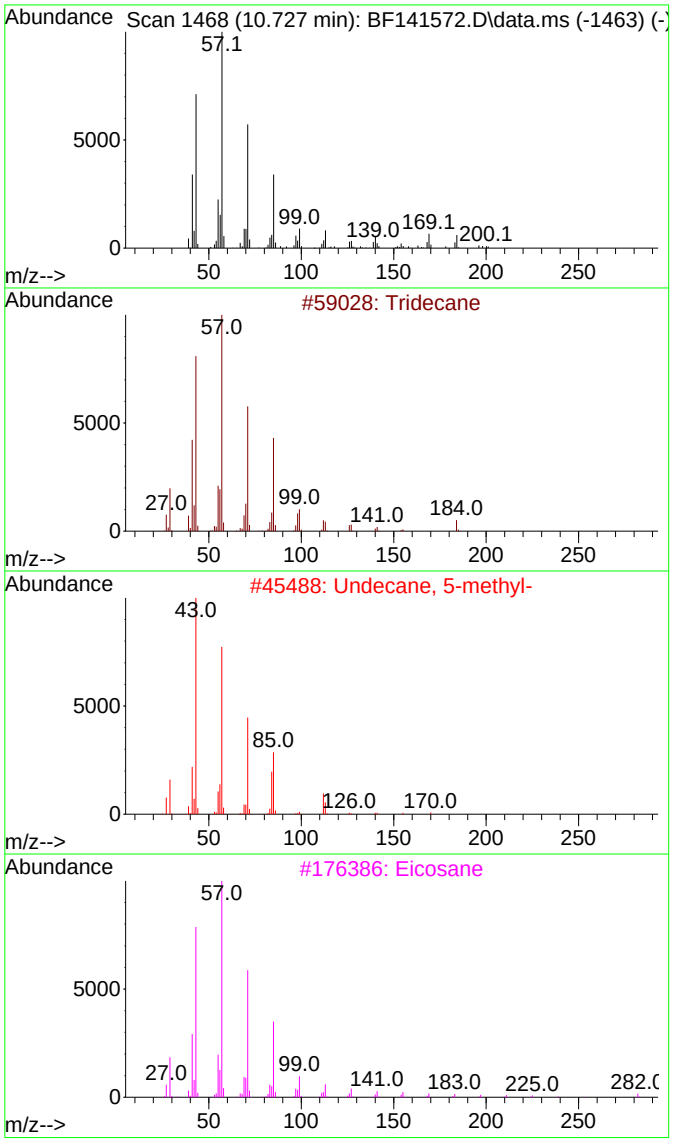
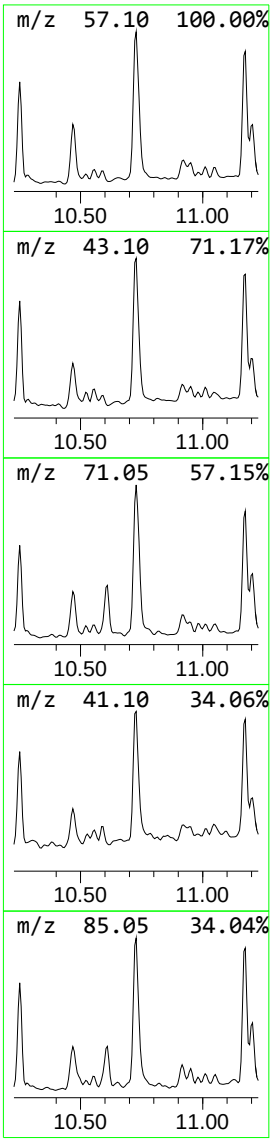
Peak Number 4 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.727	6.22 ng	169100	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	74
3	Eicosane	282	C20H42	000112-95-8	74
4	Pentadecane	212	C15H32	000629-62-9	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

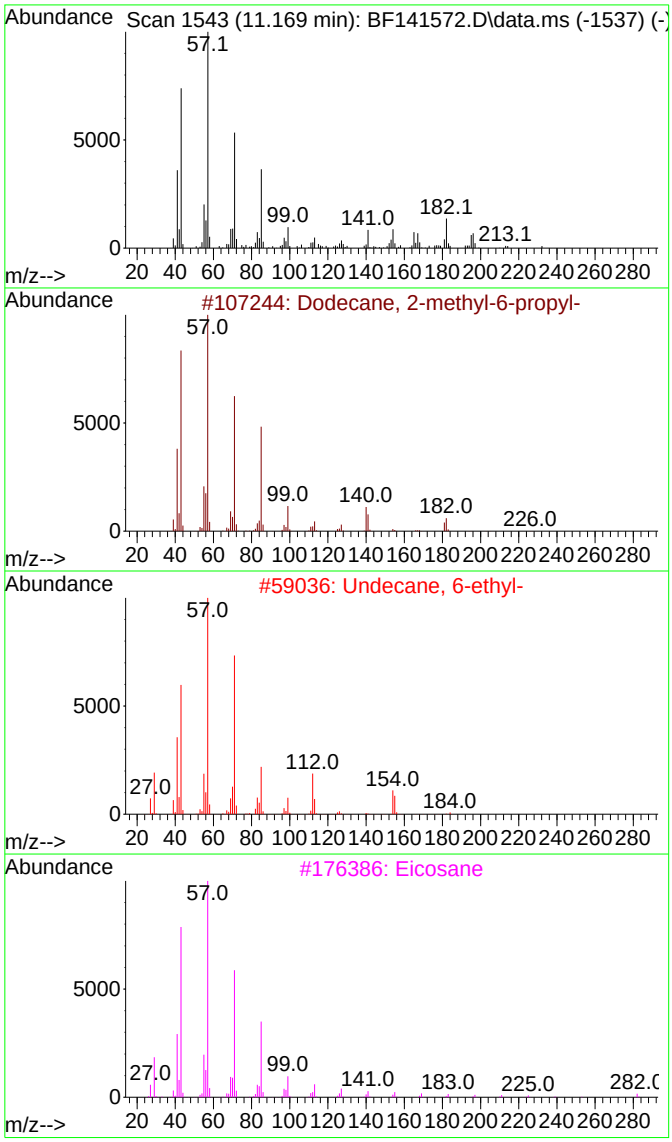
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

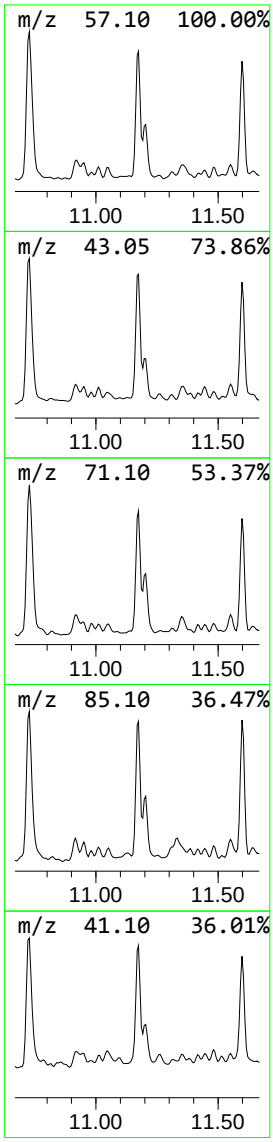
****

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	5.56 ng	151338	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	70
3	Eicosane	282	C20H42	000112-95-8	68
4	Nonadecane	268	C19H40	000629-92-5	68
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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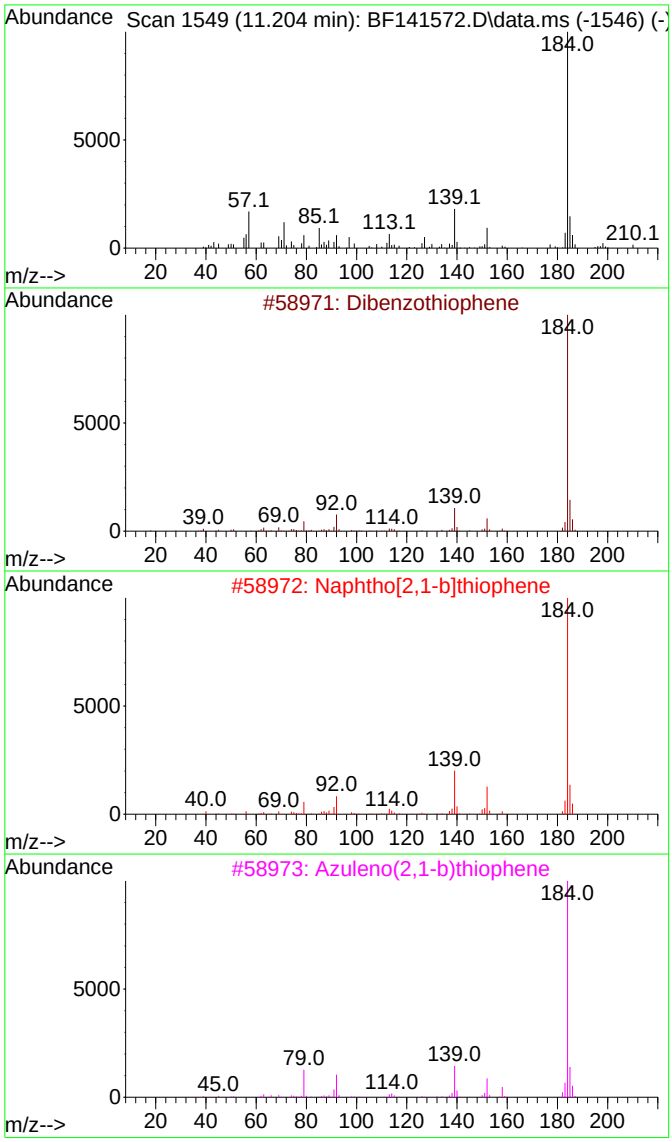
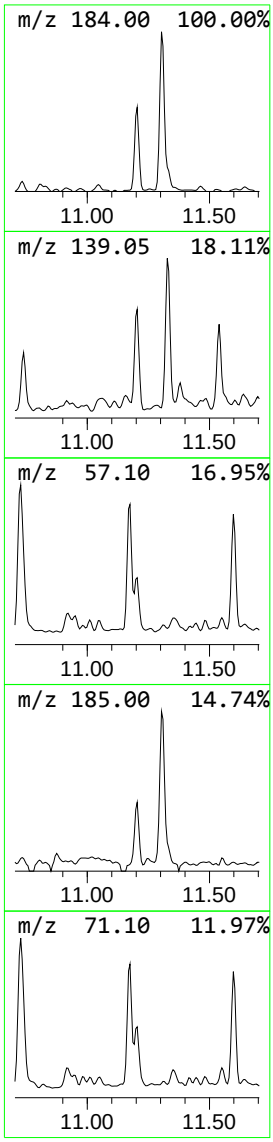
Peak Number 6 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	3.49 ng	95059	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	87
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	74
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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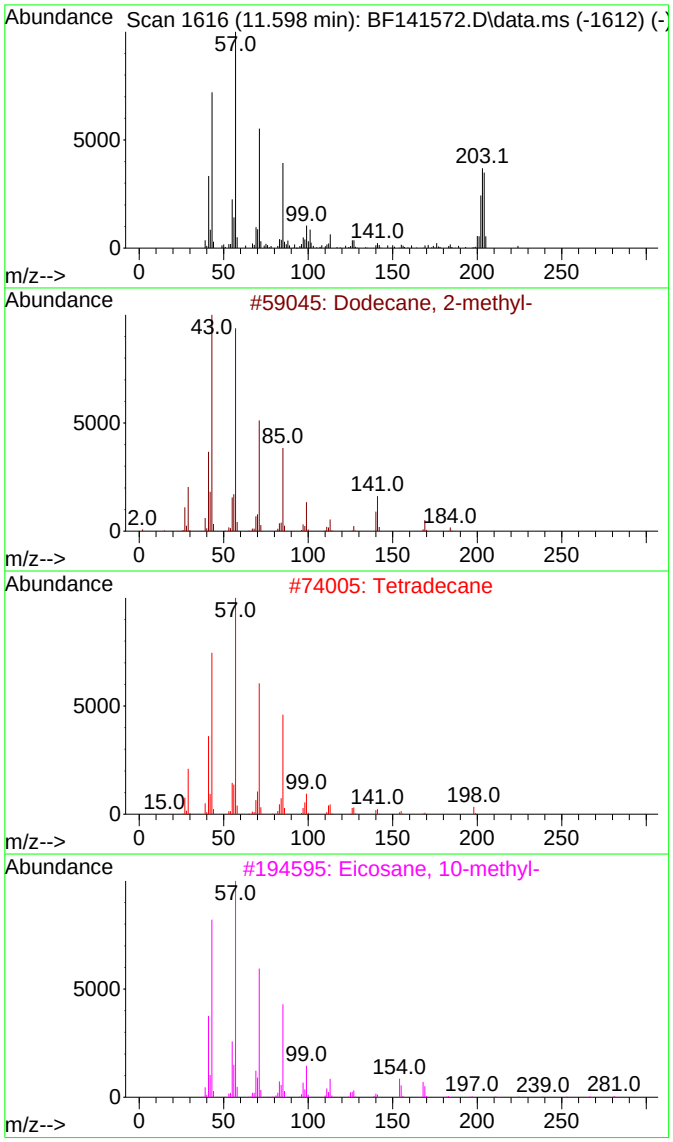
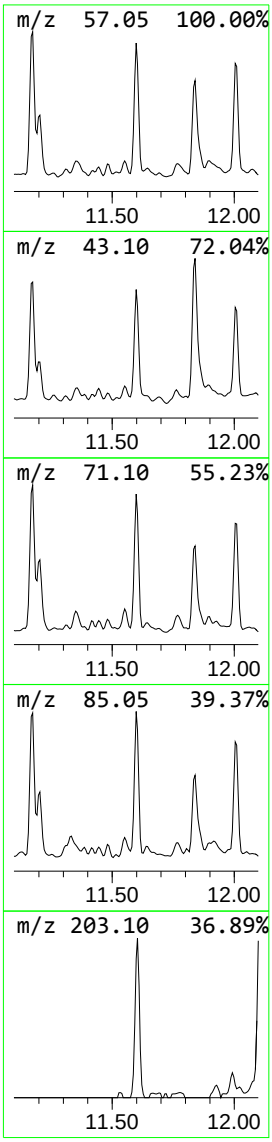
Peak Number 7 Dodecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.598	4.08 ng	111030	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
2	Tetradecane	198	C14H30	000629-59-4	78
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	49
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
5	Tetracosane	338	C24H50	000646-31-1	49





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Sample : Q1215-03
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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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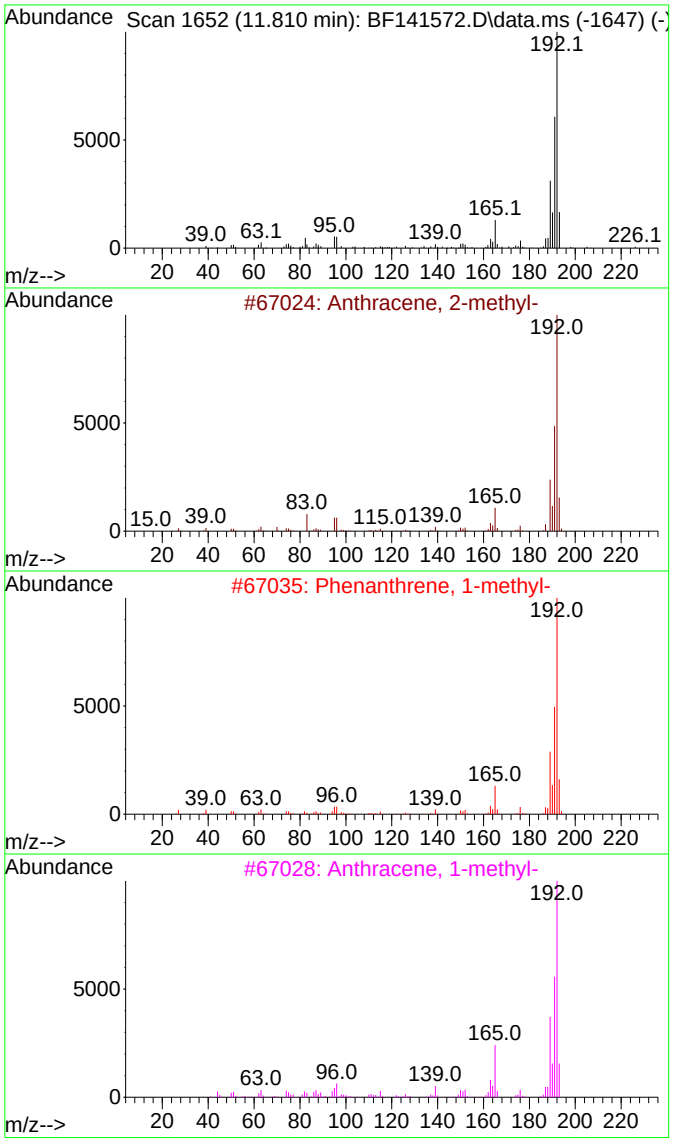
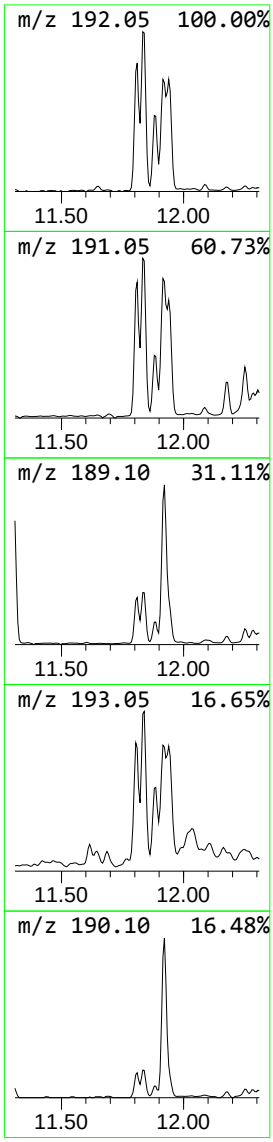
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	4.06 ng	110528	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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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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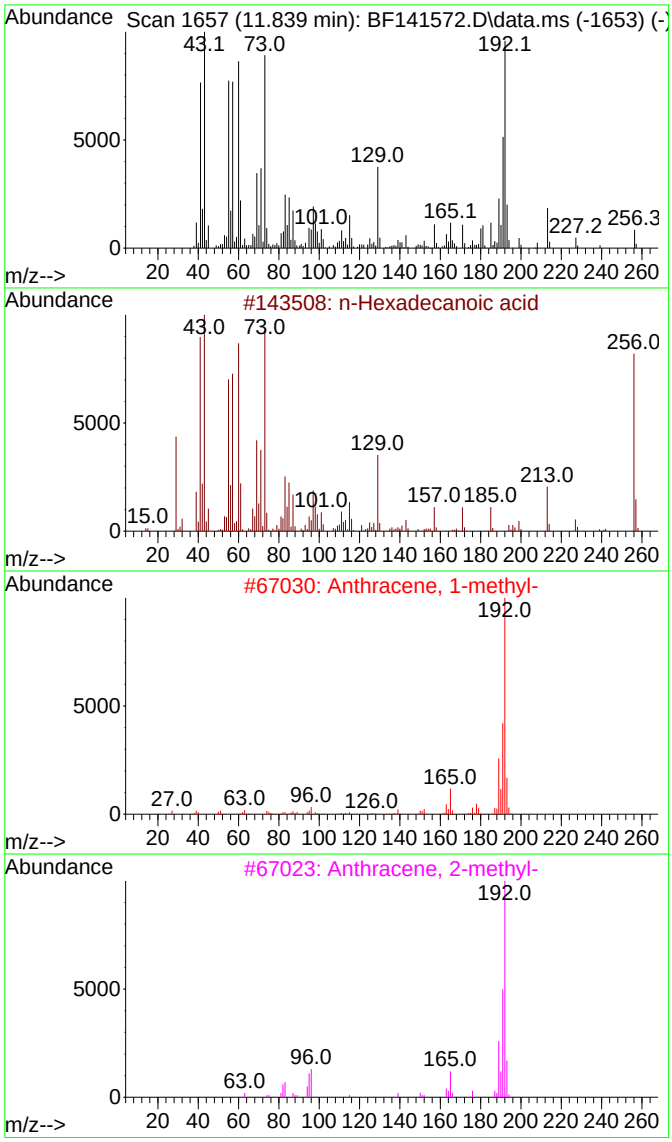
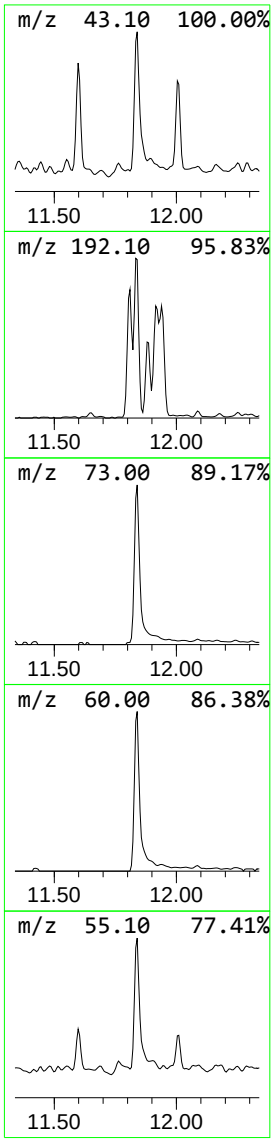
Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	14.08 ng	382908	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80





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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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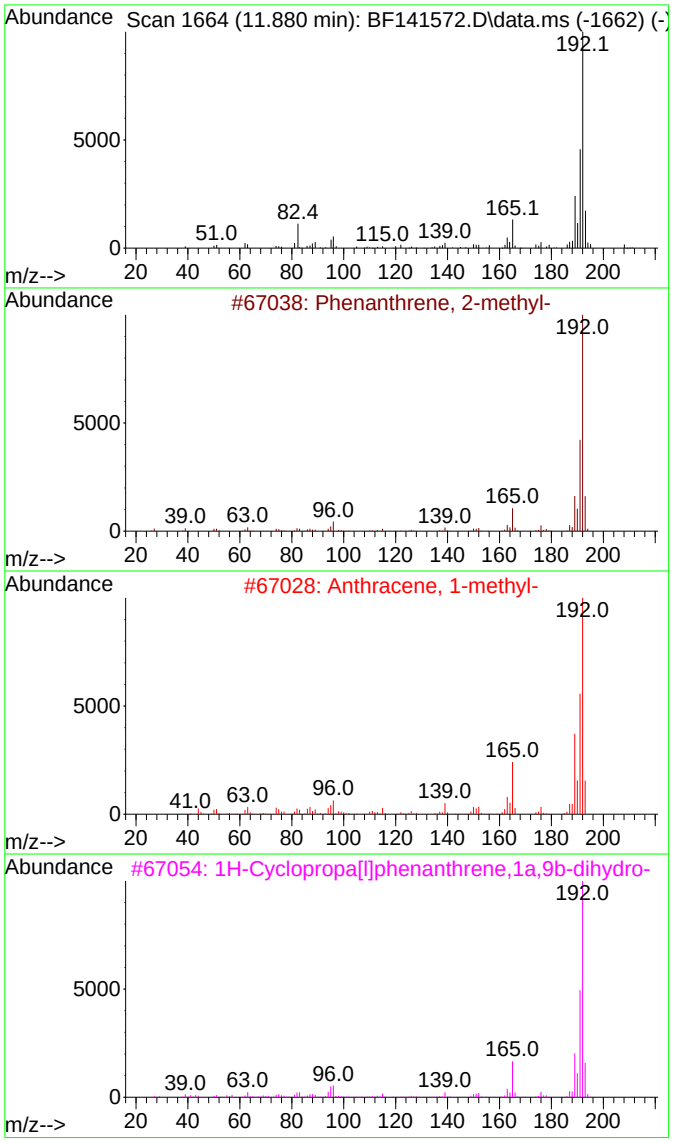
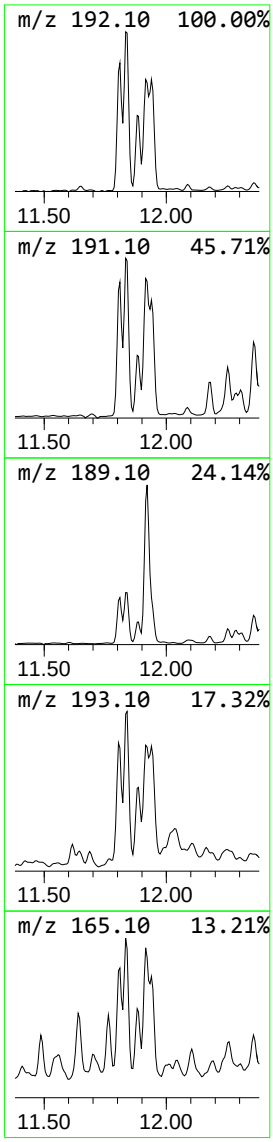
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	2.78 ng	75584	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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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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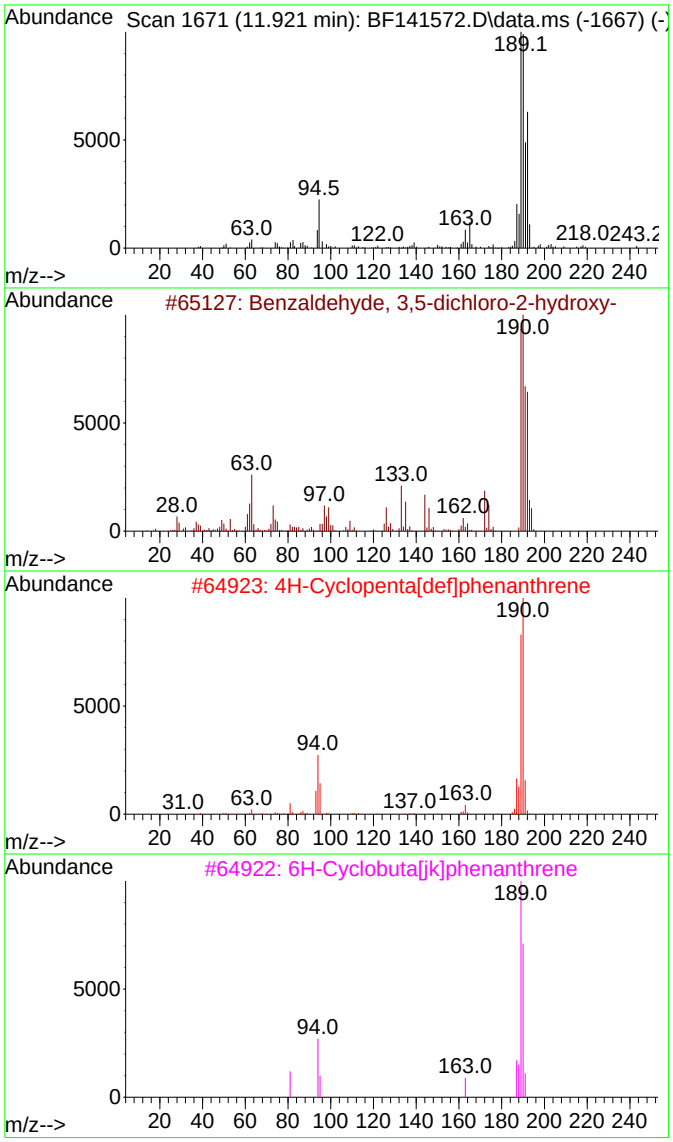
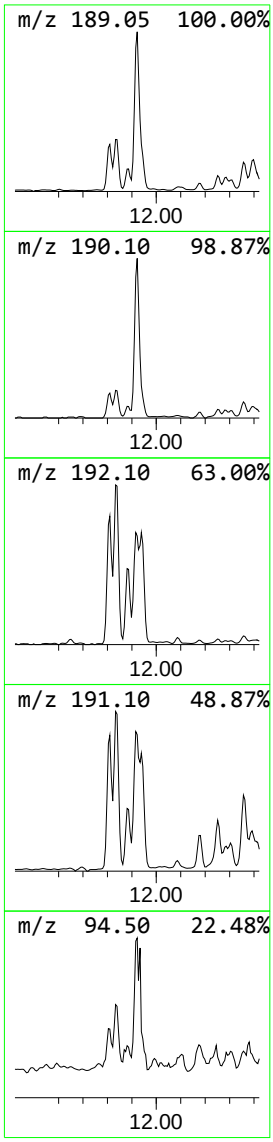
Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	11.74 ng	319243	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	Methyl diselenide	190	C2H6Se2	007101-31-7	41
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30





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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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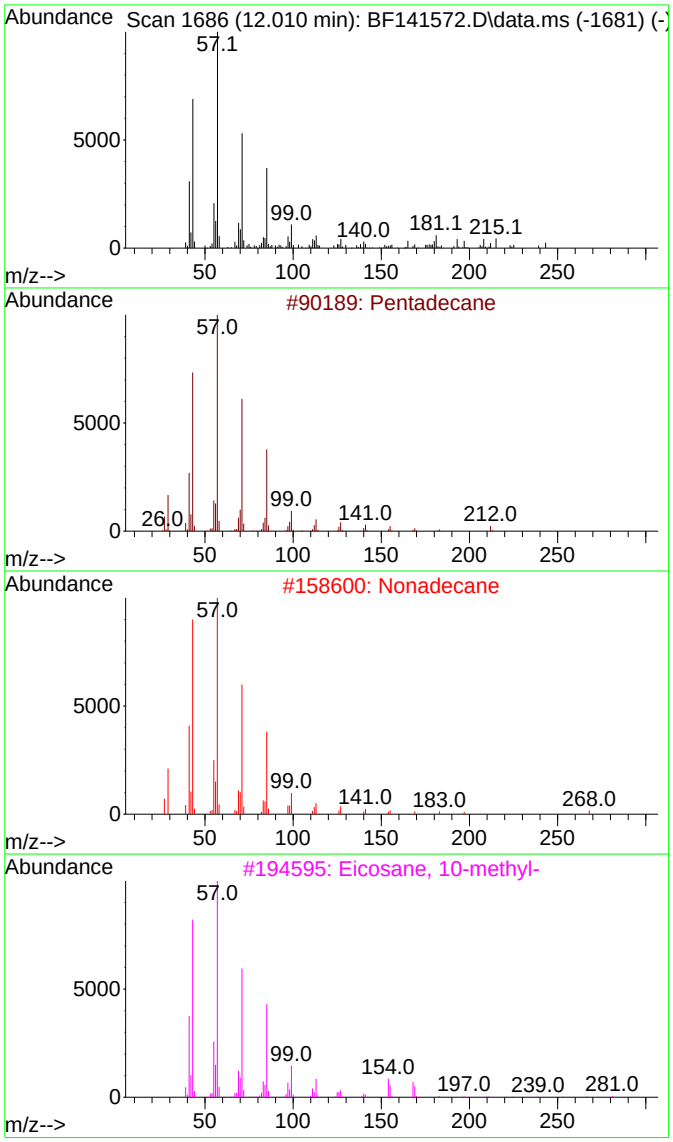
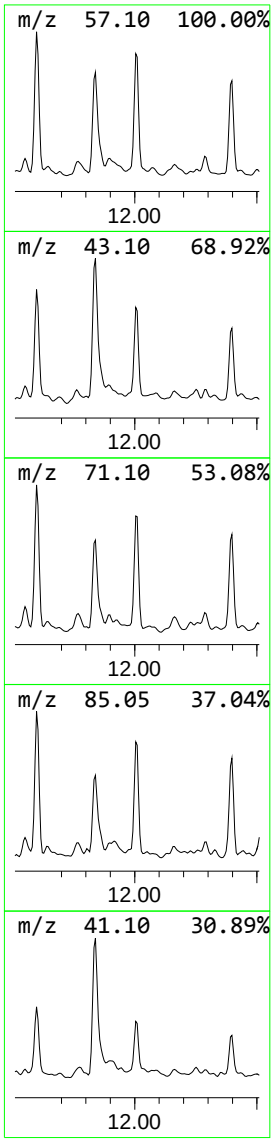
Peak Number 12 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	3.51 ng	95516	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Nonadecane	268	C19H40	000629-92-5	81
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	74
4	Tetracosane	338	C24H50	000646-31-1	74
5	Eicosane	282	C20H42	000112-95-8	72





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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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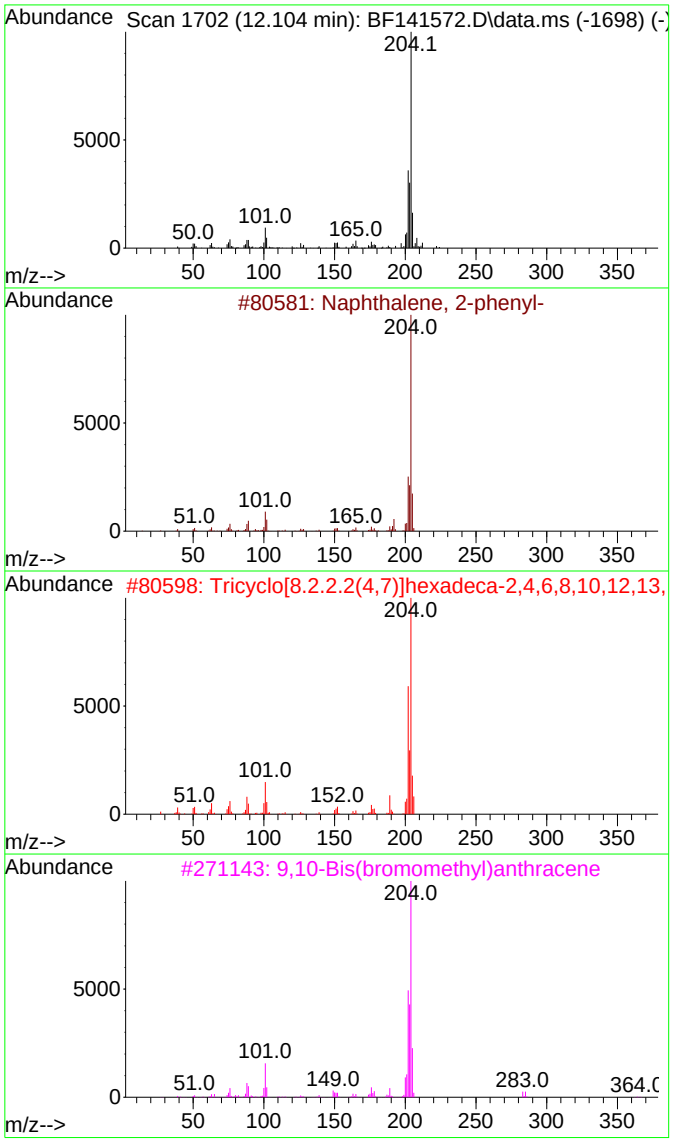
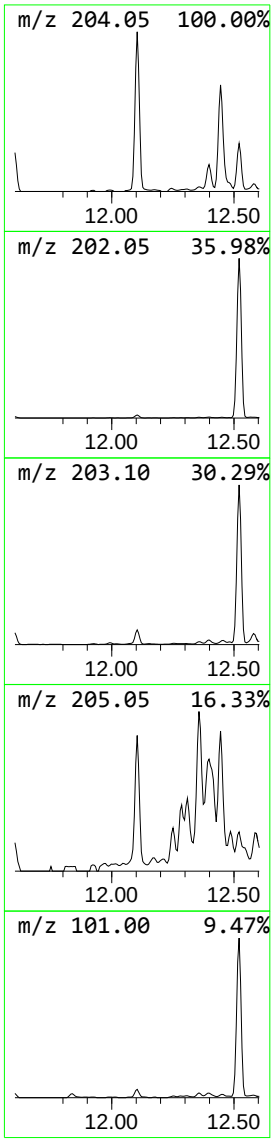
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	3.24 ng	88107	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	52





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

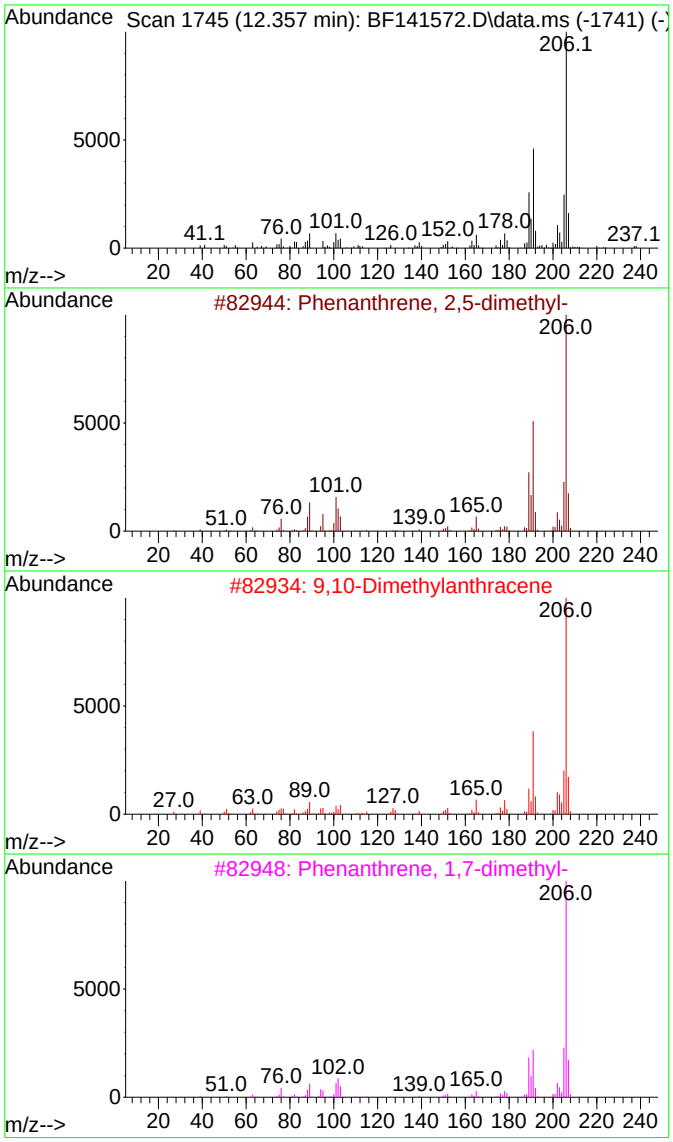
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

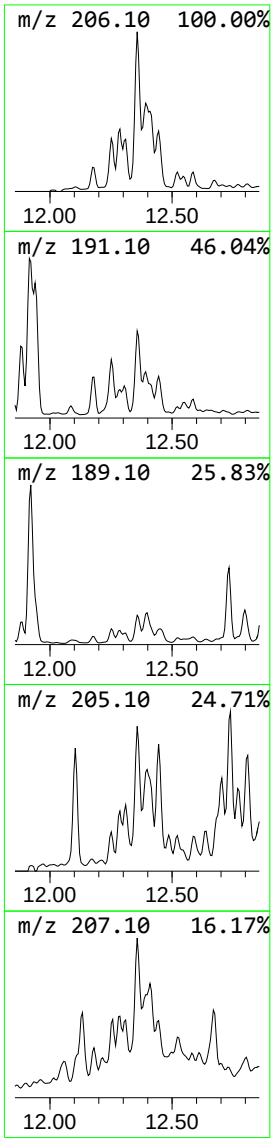
****

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	2.96 ng	80634	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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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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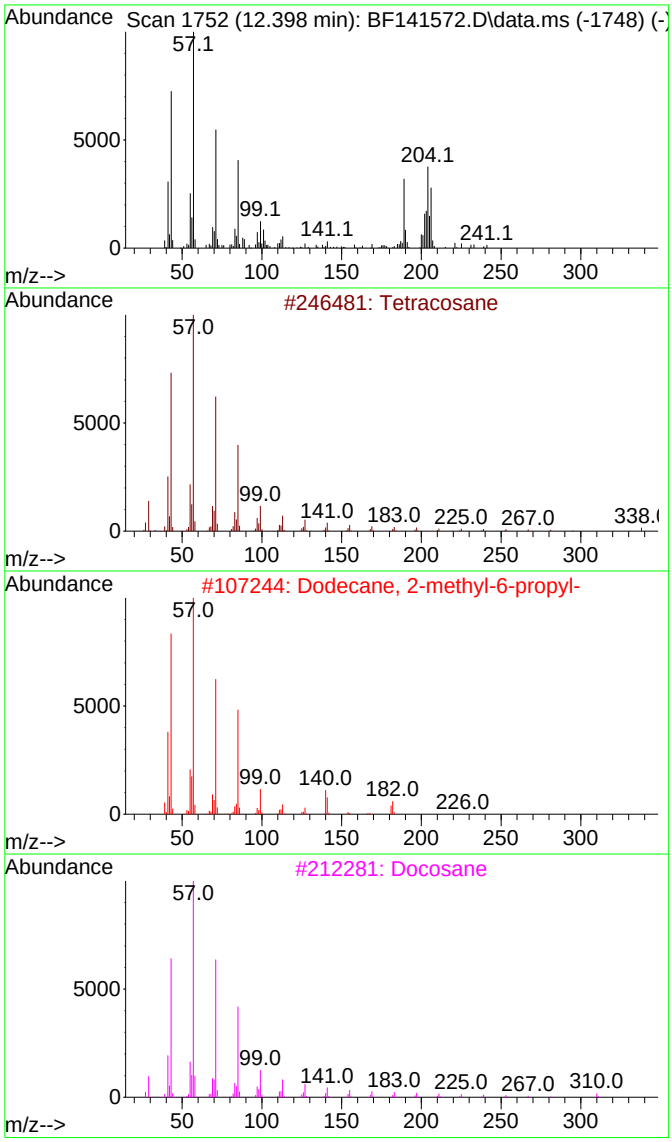
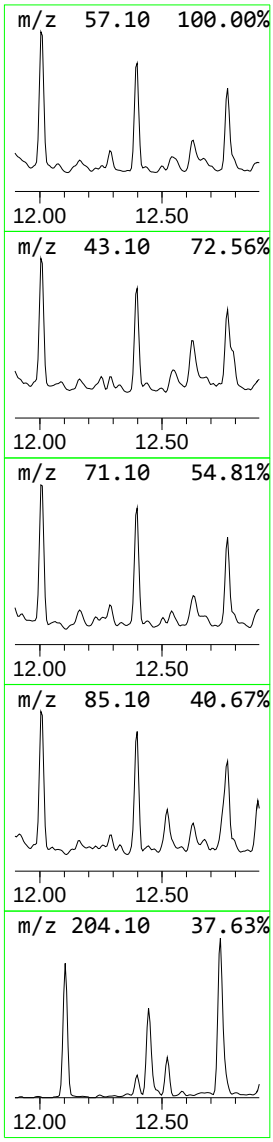
Peak Number 15 unknown12.398 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	4.08 ng	110954	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	46
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	46
3	Docosane	310	C22H46	000629-97-0	43
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	43





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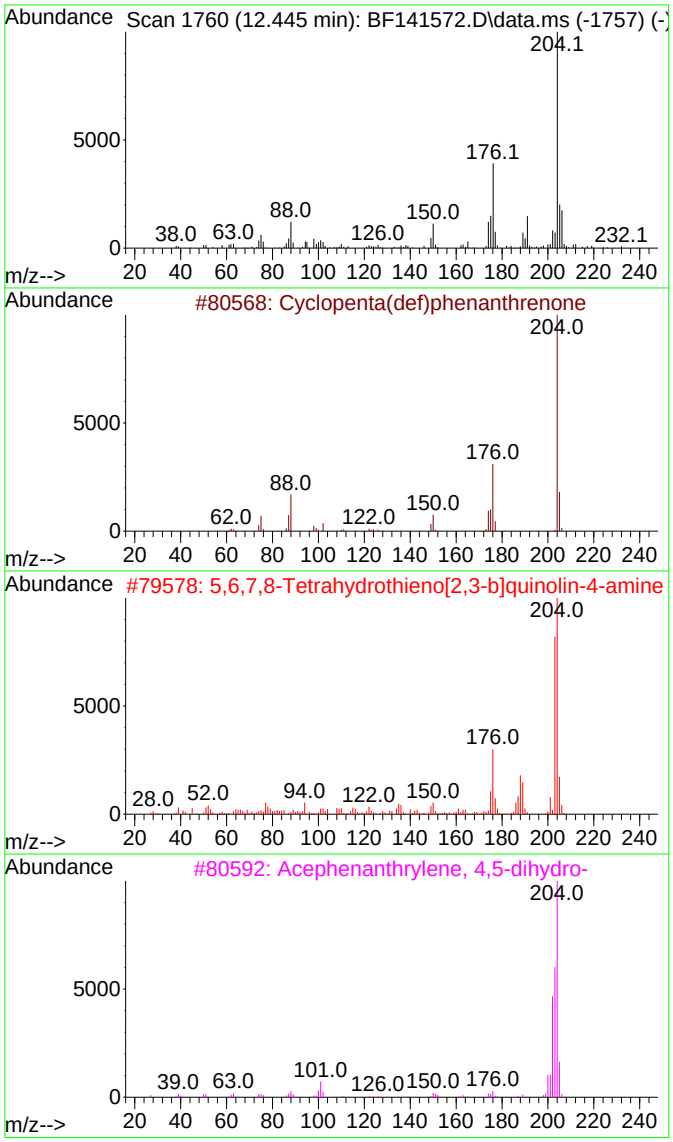
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

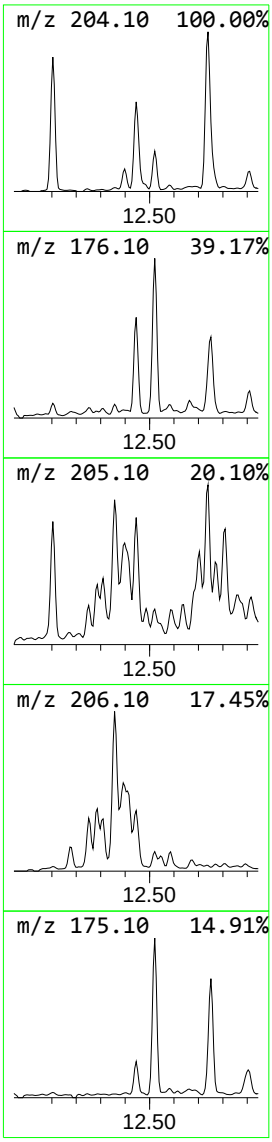
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	3.28 ng	89271	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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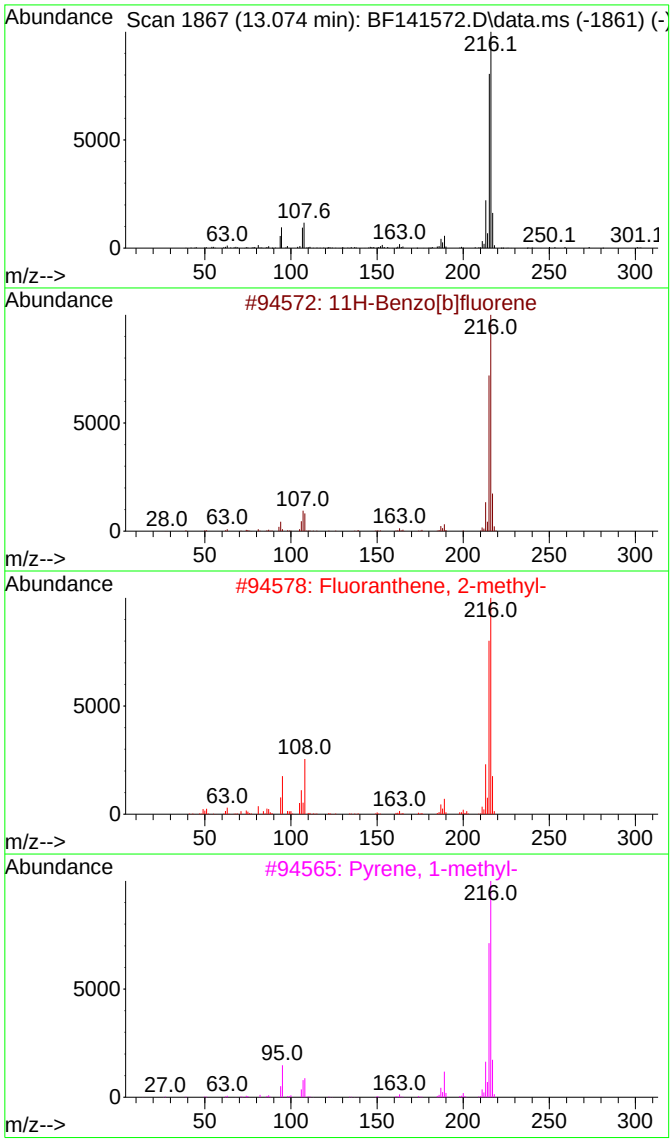
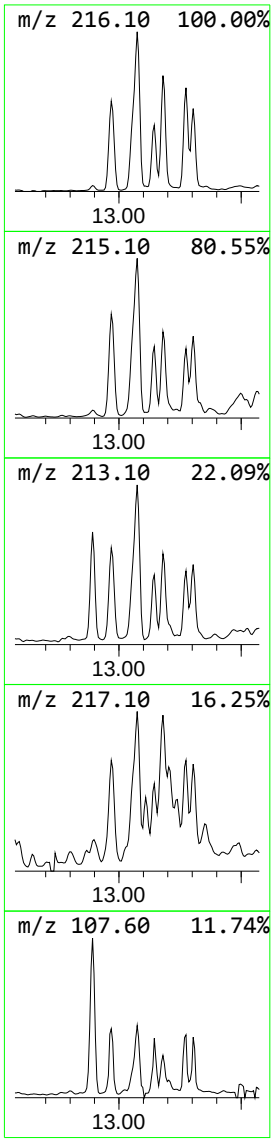
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	3.04 ng	234251	Chrysene-d12	13.951

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	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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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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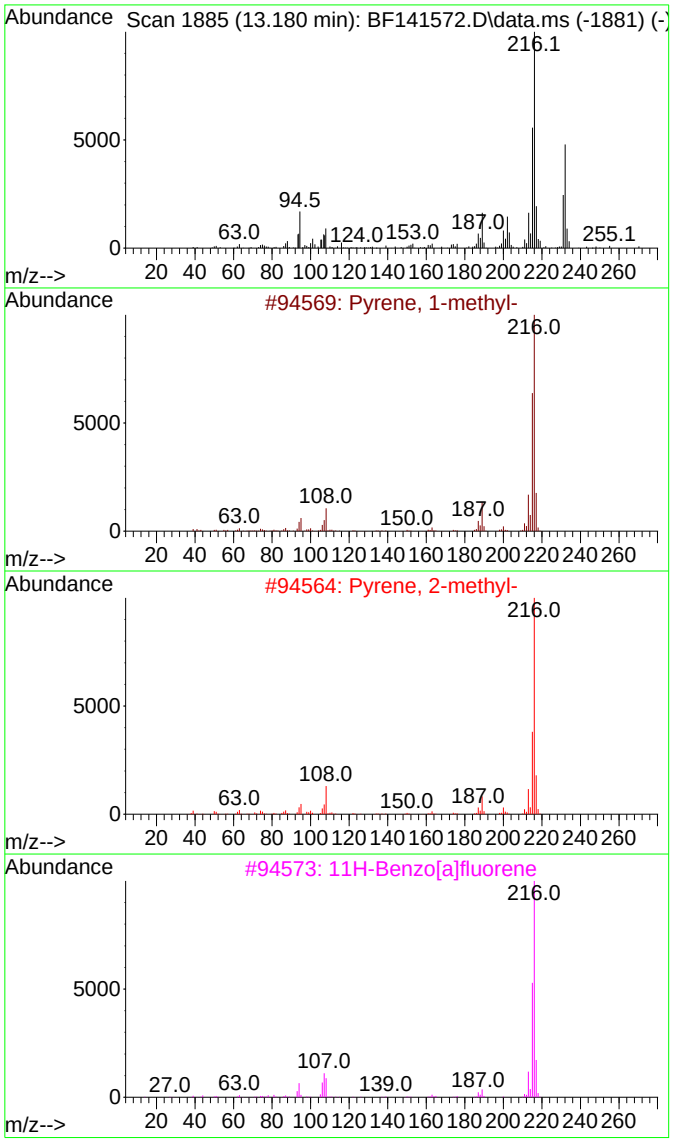
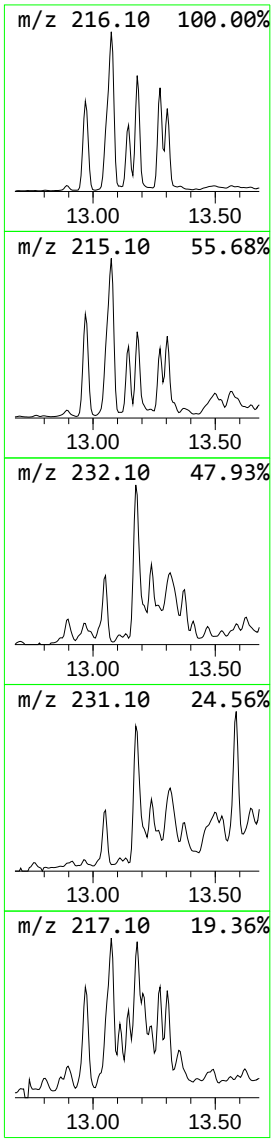
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	2.58 ng	199104	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	53
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





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ALS Vial : 23 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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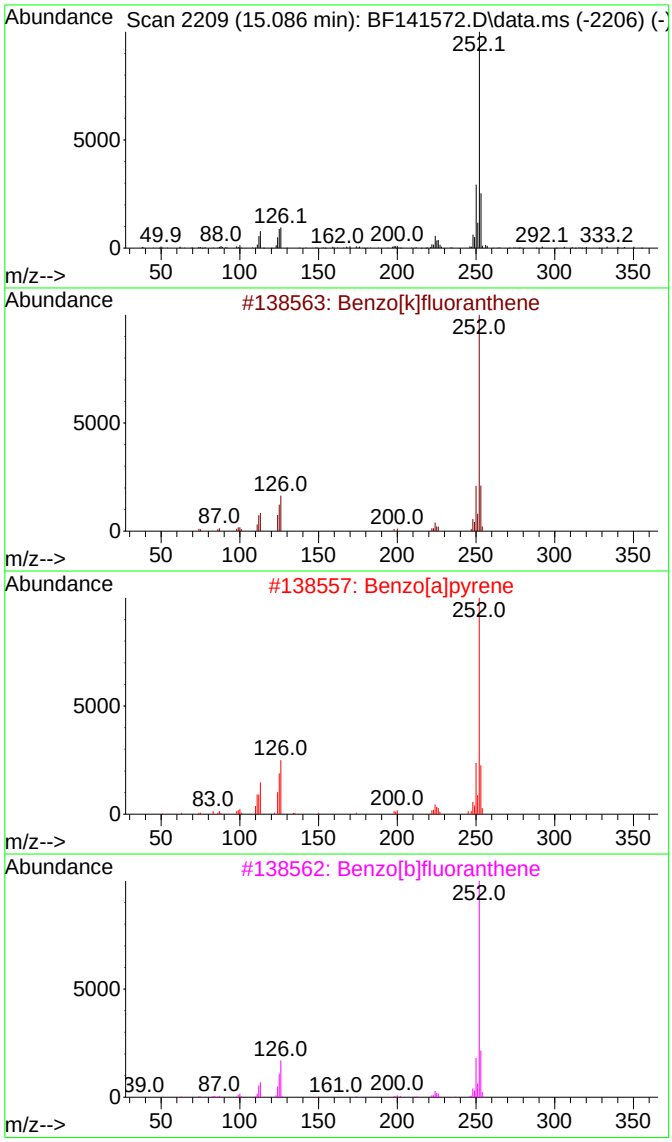
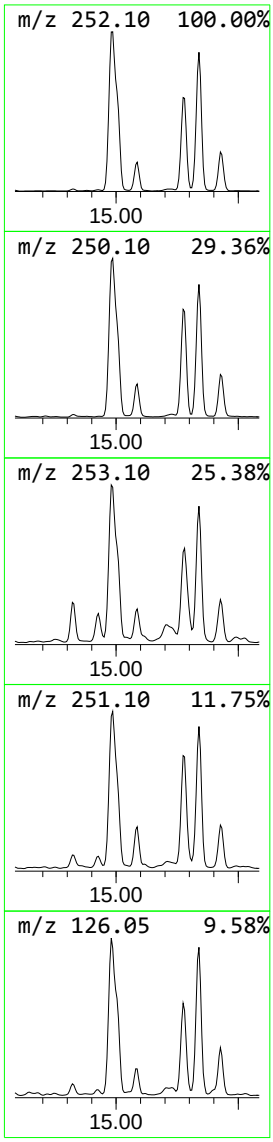
Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	5.35 ng	120162	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4	Benzo[e]pyrene	252	C20H12	000192-97-2	89
5	Perylene	252	C20H12	000198-55-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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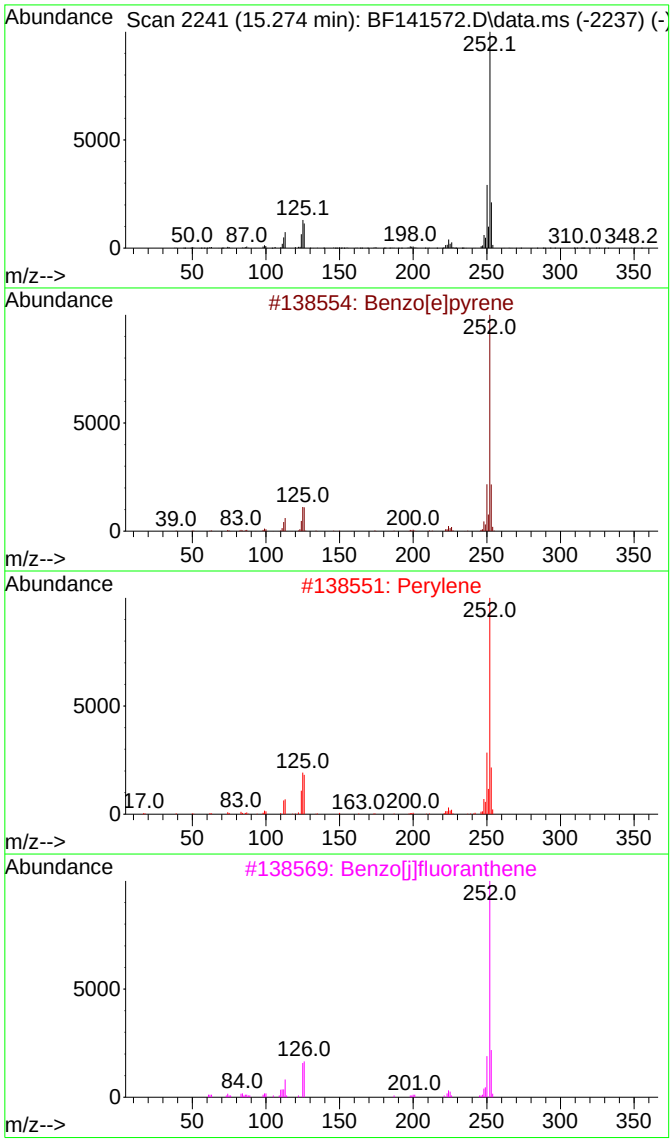
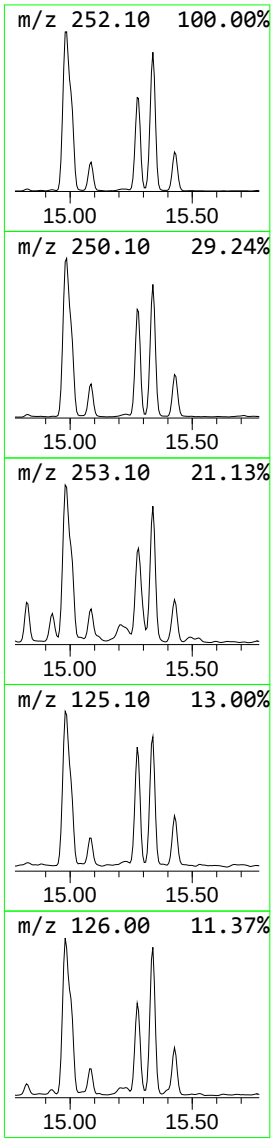
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	24.72 ng	554722	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141572.D
Acq On : 11 Feb 2025 19:45
Operator : RC/JU
Sample : Q1215-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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
Nonadecane	10.251	3.2	ng	95704	3	9.822	598302	20.0
Decane, 2-methyl-	10.469	2.6	ng	78805	3	9.822	598302	20.0
Benzophenone	10.533	8.0	ng	238469	3	9.822	598302	20.0
Tridecane	10.727	6.2	ng	169100	4	11.304	544036	20.0
Dodecane, 2-met...	11.169	5.6	ng	151338	4	11.304	544036	20.0
Dibenzothiophene	11.204	3.5	ng	95059	4	11.304	544036	20.0
Dodecane, 2-met...	11.598	4.1	ng	111030	4	11.304	544036	20.0
Anthracene, 2-m...	11.810	4.1	ng	110528	4	11.304	544036	20.0
n-Hexadecanoic ...	11.839	14.1	ng	382908	4	11.304	544036	20.0
Phenanthrene, 2...	11.880	2.8	ng	75584	4	11.304	544036	20.0
Benzaldehyde, 3...	11.922	11.7	ng	319243	4	11.304	544036	20.0
Pentadecane	12.010	3.5	ng	95516	4	11.304	544036	20.0
Naphthalene, 2-...	12.104	3.2	ng	88107	4	11.304	544036	20.0
Phenanthrene, 2...	12.357	3.0	ng	80634	4	11.304	544036	20.0
unknown12.398	12.398	4.1	ng	110954	4	11.304	544036	20.0
Cyclopenta(def)...	12.445	3.3	ng	89271	4	11.304	544036	20.0
11H-Benzo[b]flu...	13.074	3.0	ng	234251	5	13.951	1541480	20.0
Pyrene, 1-methyl-	13.180	2.6	ng	199104	5	13.951	1541480	20.0
Benzo[e]pyrene	15.086	5.3	ng	120162	6	15.398	448851	20.0
Perylene	15.274	24.7	ng	554722	6	15.398	448851	20.0