LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141526.D
Acq On : 07 Feb 2025 23:27
Operator : RC/JU
Sample : Q1242-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JPP-6.2-013025

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: BF141526.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	484	492	506	rBV	518953	742750	42.05%	3.798%
2	5.416	561	565	580	rVB	76685	113433	6.42%	0.580%
3	6.063	667	675	683	rVB	117805	158543	8.98%	0.811%
4	6.428	732	737	745	rBV2	443947	650078	36.81%	3.324%
5	6.493	745	748	751	rVV	28765	40029	2.27%	0.205%
6	6.793	794	799	806	rBV	409057	514783	29.15%	2.632%
7	6.869	806	812	815	rBV	73052	96729	5.48%	0.495%
8	6.904	815	818	822	rVB	21424	25150	1.42%	0.129%
9	7.351	884	894	899	rBV	414981	547437	30.99%	2.799%
10	7.610	929	938	944	rVB5	14664	30959	1.75%	0.158%
11	8.075	1010	1017	1025	rBV2	489984	891002	50.45%	4.556%
12	8.134	1025	1027	1036	rVB2	22511	36795	2.08%	0.188%
13	8.363	1060	1066	1072	rBV6	11214	22171	1.26%	0.113%
14	8.451	1072	1081	1085	rVV3	12118	31974	1.81%	0.164%
15	8.492	1085	1088	1093	rBV	17768	23028	1.30%	0.118%
16	8.663	1113	1117	1121	rVB	32893	38957	2.21%	0.199%
17	8.787	1131	1138	1144	rVB	76363	100524	5.69%	0.514%
18	8.887	1151	1155	1159	rVB	60629	75424	4.27%	0.386%
19	9.145	1194	1199	1209	rVB	701741	901961	51.07%	4.612%
20	9.228	1209	1213	1222	rBV2	39497	83142	4.71%	0.425%
21	9.345	1229	1233	1240	rVB	13894	21152	1.20%	0.108%
22	9.416	1240	1245	1249	rBV	30671	49113	2.78%	0.251%
23	9.486	1252	1257	1260	rBV	51018	75074	4.25%	0.384%
24	9.604	1273	1277	1286	rVB2	21983	35817	2.03%	0.183%
25	9.686	1287	1291	1296	rVB	23386	31904	1.81%	0.163%
26	9.757	1296	1303	1306	rBV	15248	23950	1.36%	0.122%
27	9.828	1309	1315	1318	rBV	499219	635884	36.00%	3.252%
28	9.863	1318	1321	1325	rVB	152119	183934	10.41%	0.941%
29	9.986	1337	1342	1346	rBV	22512	35323	2.00%	0.181%
30	10.034	1346	1350	1354	rBV	94125	118750	6.72%	0.607%
31	10.075	1354	1357	1365	rVB3	18212	35317	2.00%	0.181%
32	10.145	1365	1369	1372	rBV2	18602	28131	1.59%	0.144%
33	10.233	1380	1384	1386	rBV	19129	27068	1.53%	0.138%
34	10.375	1403	1408	1414	rBV	122422	166431	9.42%	0.851%
35	10.439	1414	1419	1421	rBV2	24935	42790	2.42%	0.219%
36	10.539	1431	1436	1441	rVB	114738	157803	8.93%	0.807%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141526.D
Acq On : 07 Feb 2025 23:27
Operator : RC/JU
Sample : Q1242-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

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	10.616	1445	1449	1454	rBV2	70737	100920	5.71%	0.516%
38	10.739	1466	1470	1478	rVB4	36350	64782	3.67%	0.331%
39	10.922	1495	1501	1504	rBV3	36080	68294	3.87%	0.349%
40	11.075	1519	1527	1531	rBV2	30830	81655	4.62%	0.418%
41	11.122	1531	1535	1539	rVV	42098	55689	3.15%	0.285%
42	11.175	1539	1544	1547	rVV3	61075	102353	5.79%	0.523%
43	11.210	1547	1550	1557	rVB	74162	108579	6.15%	0.555%
44	11.316	1563	1568	1570	rBV	453238	640312	36.25%	3.274%
45	11.345	1570	1573	1577	rVV	1033682	1302956	73.77%	6.663%
46	11.392	1577	1581	1585	rVV	248488	329410	18.65%	1.684%
47	11.428	1585	1587	1593	rVB2	33409	43714	2.47%	0.224%
48	11.551	1602	1608	1615	rBV2	77812	156905	8.88%	0.802%
49	11.610	1615	1618	1622	rVV3	41761	57164	3.24%	0.292%
50	11.651	1622	1625	1630	rVB4	19335	29501	1.67%	0.151%
51	11.822	1649	1654	1656	rBV	116122	176063	9.97%	0.900%
52	11.845	1656	1658	1663	rVV	193767	247290	14.00%	1.265%
53	11.898	1663	1667	1669	rVV	77062	110272	6.24%	0.564%
54	11.933	1669	1673	1681	rVB3	217896	414042	23.44%	2.117%
55	12.116	1700	1704	1707	rBV	76710	89437	5.06%	0.457%
56	12.263	1725	1729	1733	rBV	233207	291214	16.49%	1.489%
57	12.369	1744	1747	1750	rBV	60967	79527	4.50%	0.407%
58	12.410	1751	1754	1759	rVV2	55440	99475	5.63%	0.509%
59	12.457	1759	1762	1767	rVB3	59309	80386	4.55%	0.411%
60	12.533	1770	1775	1779	rBV	1245939	1611996	91.27%	8.243%
61	12.575	1779	1782	1789	rVB3	90034	144548	8.18%	0.739%
62	12.763	1807	1814	1820	rBV	1146494	1766244	100.00%	9.032%
63	12.904	1831	1838	1845	rVB	582502	869648	49.24%	4.447%
64	12.980	1847	1851	1855	rBV2	85141	139485	7.90%	0.713%
65	13.045	1858	1862	1864	rVV	109038	149757	8.48%	0.766%
66	13.086	1867	1869	1874	rVB2	135428	177007	10.02%	0.905%
67	13.157	1878	1881	1884	rVV	71216	94709	5.36%	0.484%
68	13.192	1884	1887	1895	rVB3	150684	239185	13.54%	1.223%
69	13.286	1900	1903	1906	rBV2	75522	92733	5.25%	0.474%
70	13.957	2012	2017	2021	rBV2	605297	1087835	61.59%	5.563%
71	15.016	2193	2197	2205	rVB	345125	730368	41.35%	3.735%
72	15.316	2245	2248	2253	rVB	177776	252895	14.32%	1.293%
73	15.374	2254	2258	2264	rVB	279794	413067	23.39%	2.112%
74	15.439	2265	2269	2272	rBV	162675	262872	14.88%	1.344%

Sum of corrected areas: 19555599

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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Misc :
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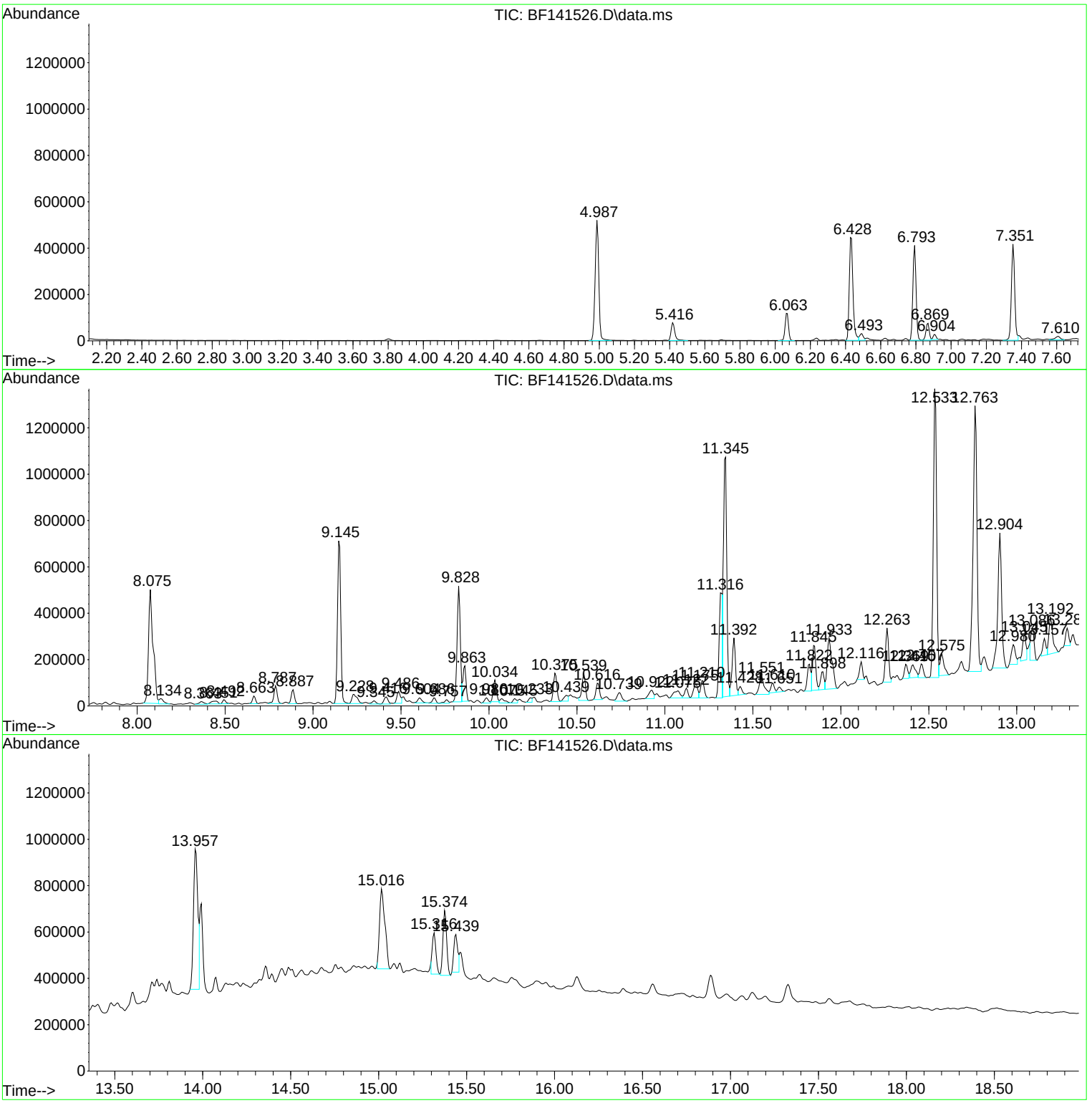
Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

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\BF020725\
Data File : BF141526.D
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Operator : RC/JU
Sample : Q1242-03 2X
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Instrument :
BNA_F
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JPP-6.2-013025

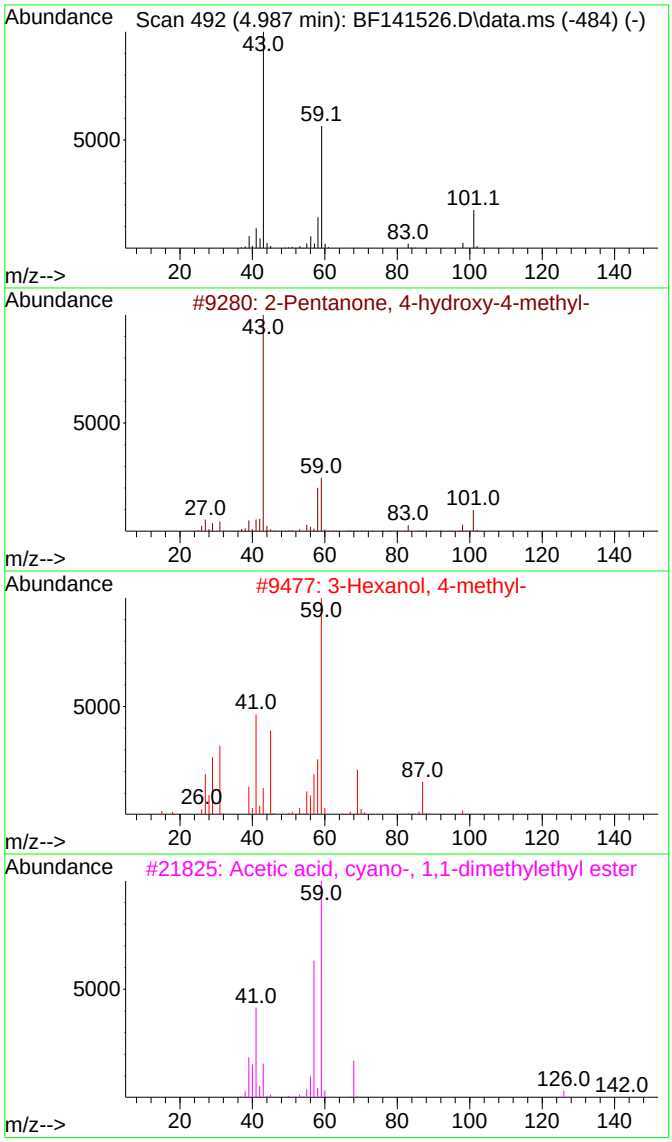
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

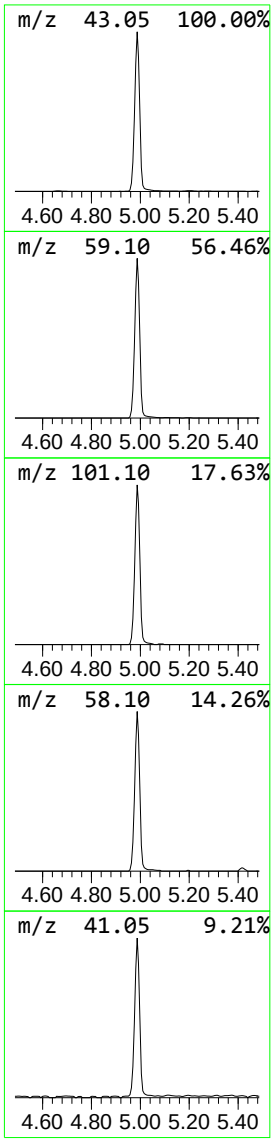
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	28.86 ng	742750	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141526.D
Acq On : 07 Feb 2025 23:27
Operator : RC/JU
Sample : Q1242-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

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

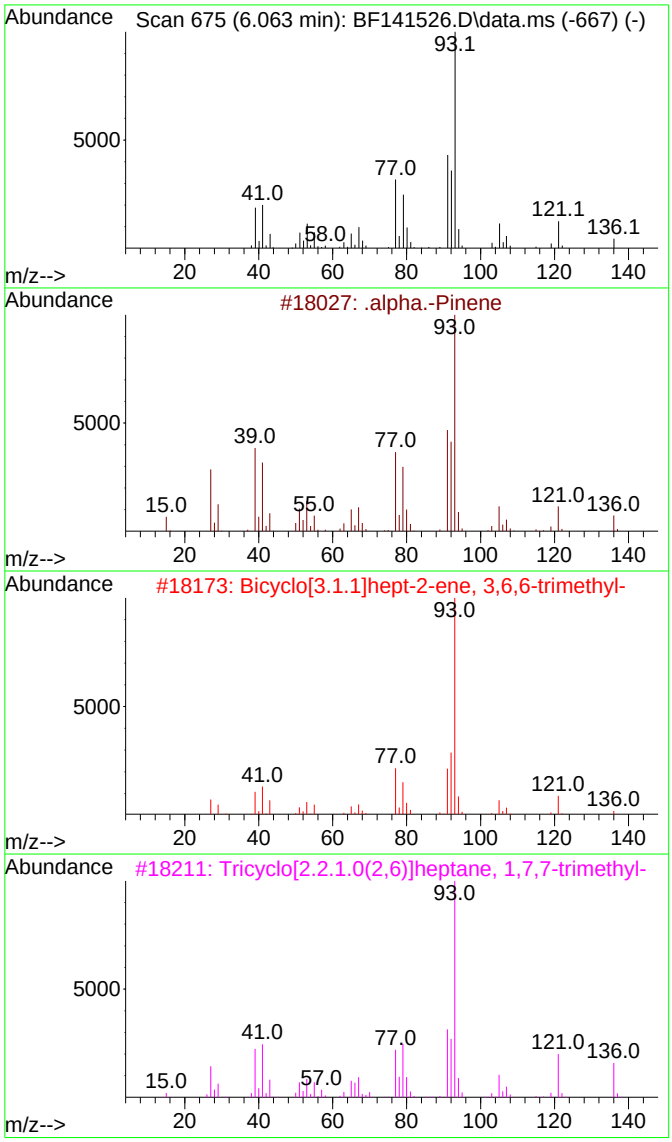
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

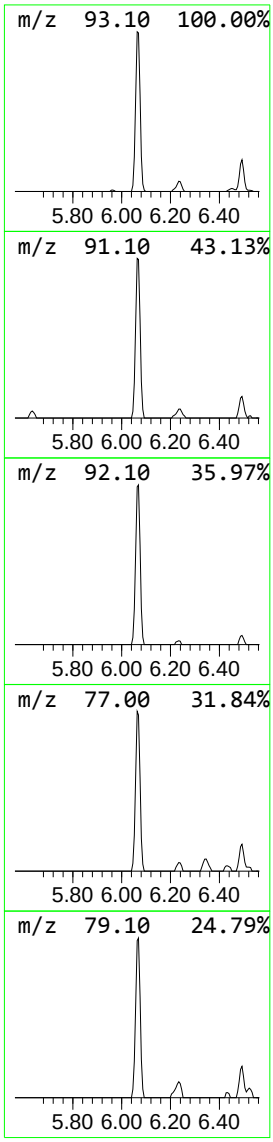
****

Peak Number 2 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.063	6.16 ng	158543	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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Acq On : 07 Feb 2025 23:27
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Sample : Q1242-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

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

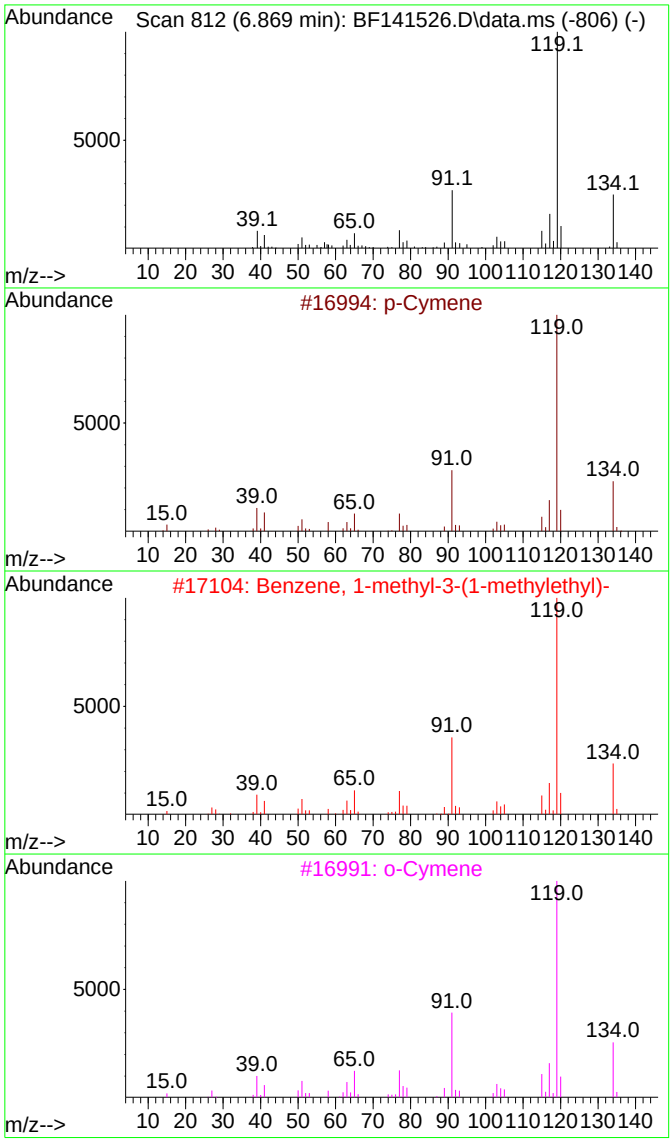
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

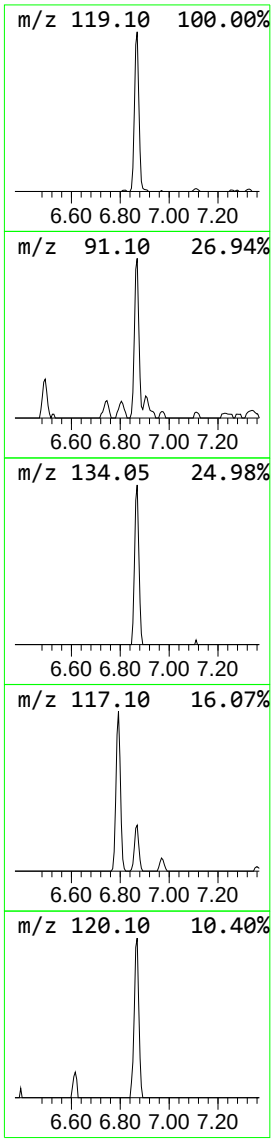
****

Peak Number 3 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.869	3.76 ng	96729	1,4-Dichlorobenzene-d4	6.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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

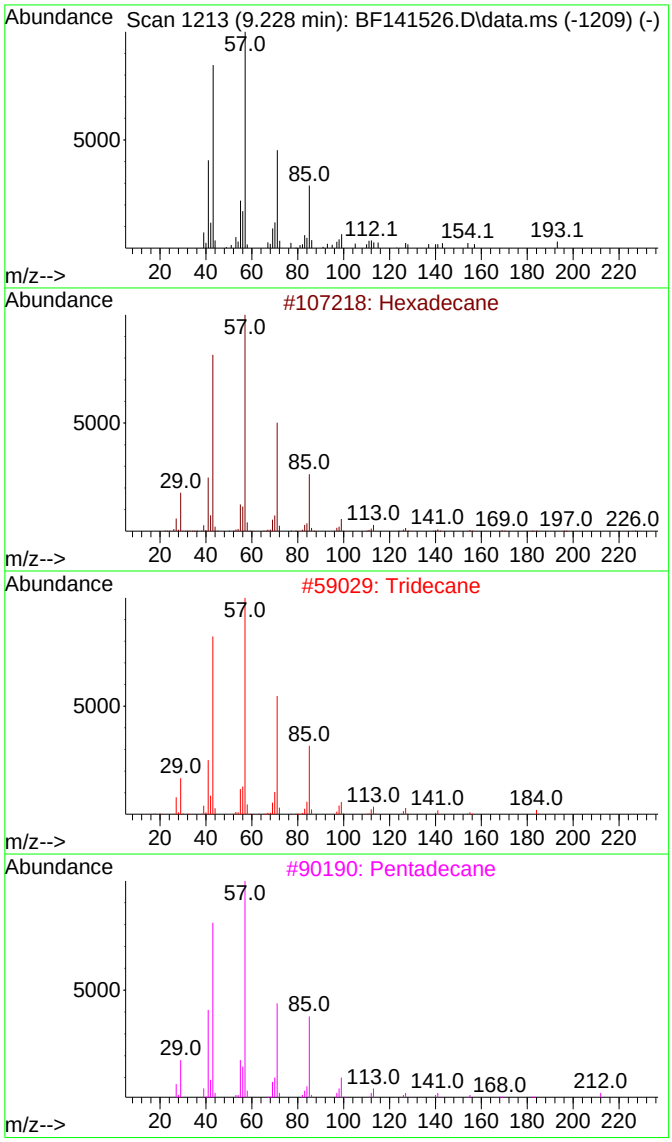
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

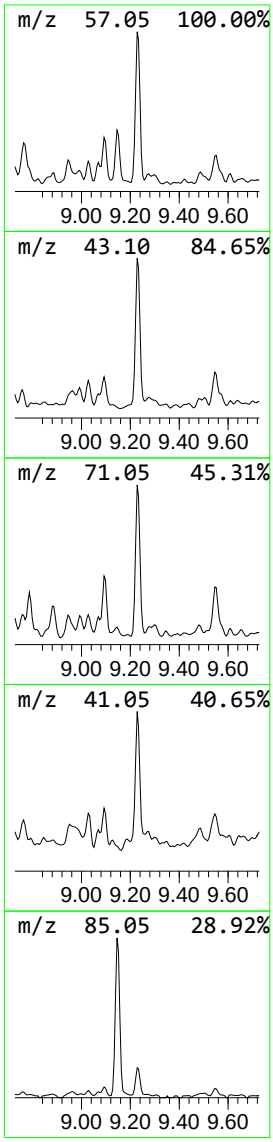
****

Peak Number 4 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	2.62 ng	83142	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Nonadecane	268	C19H40	000629-92-5	80
5	Heptadecane	240	C17H36	000629-78-7	80





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

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

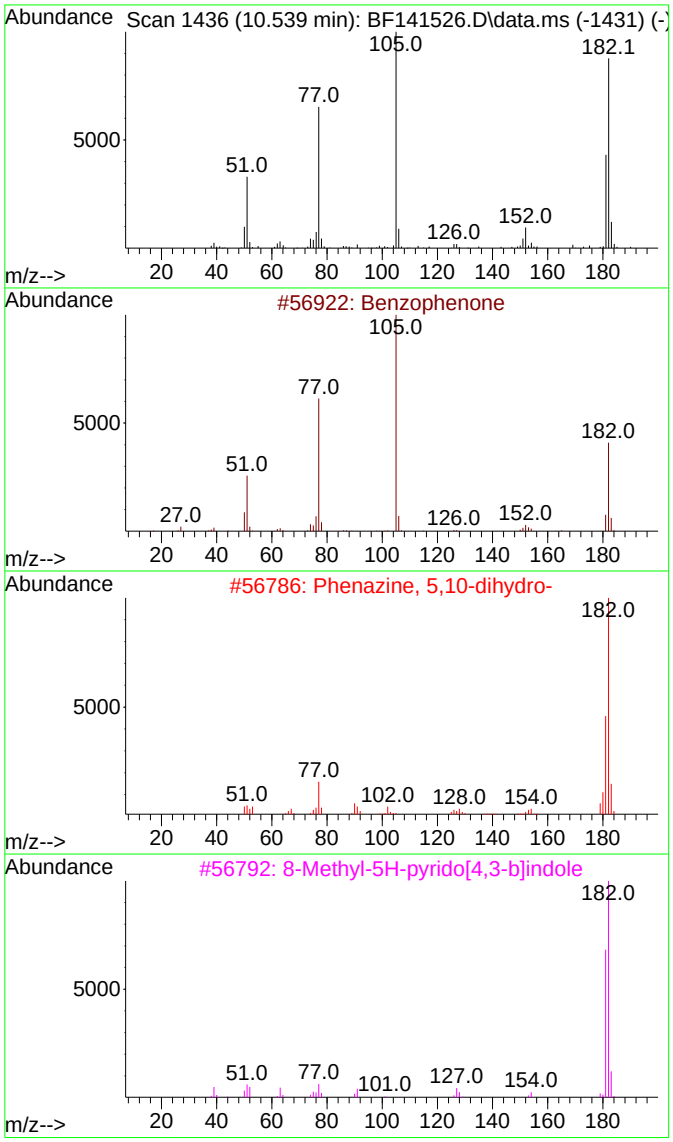
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

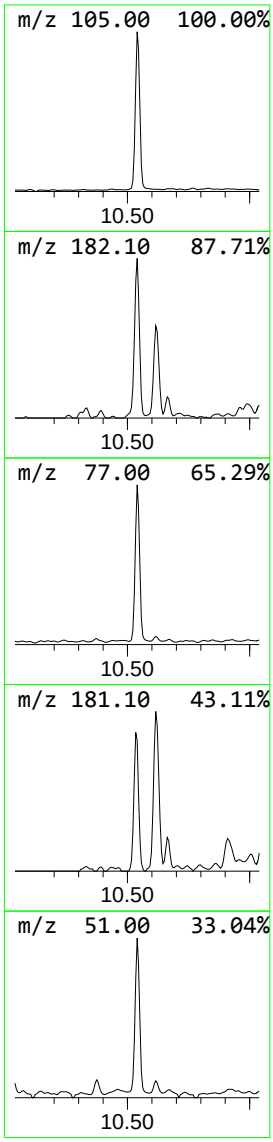
****

Peak Number 5 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	4.96 ng	157803	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	49
3	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	49
4	(1H)Pyrrole-3-carboxylic acid, 1...	337	C16H19NO5S	155345-18-9	38
5	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	38





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

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

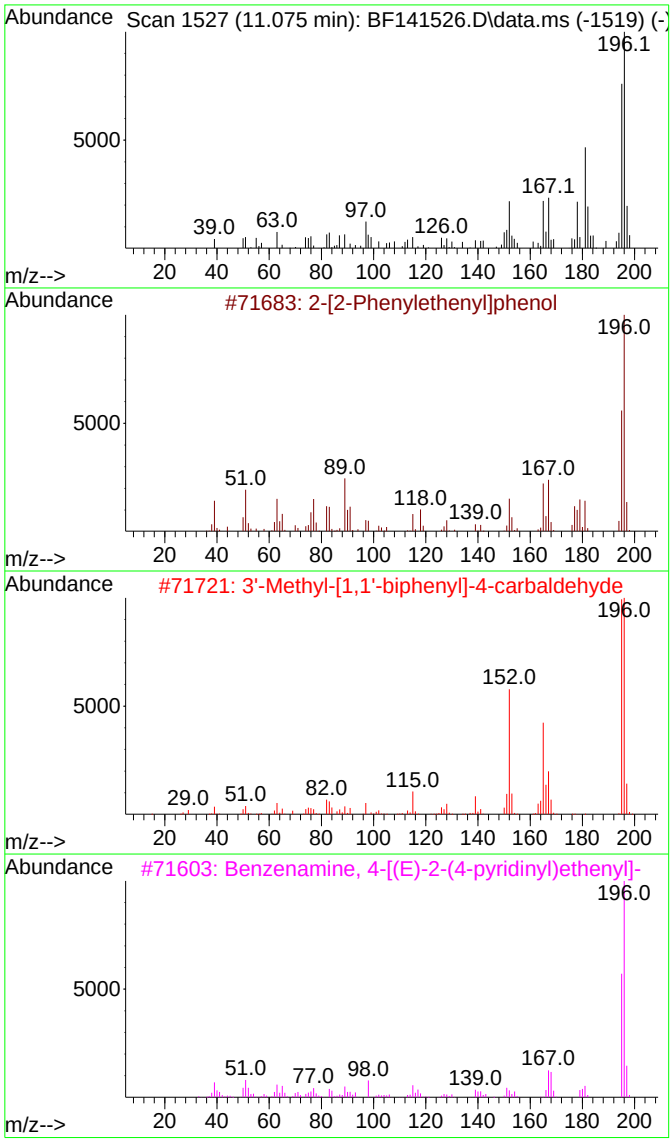
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

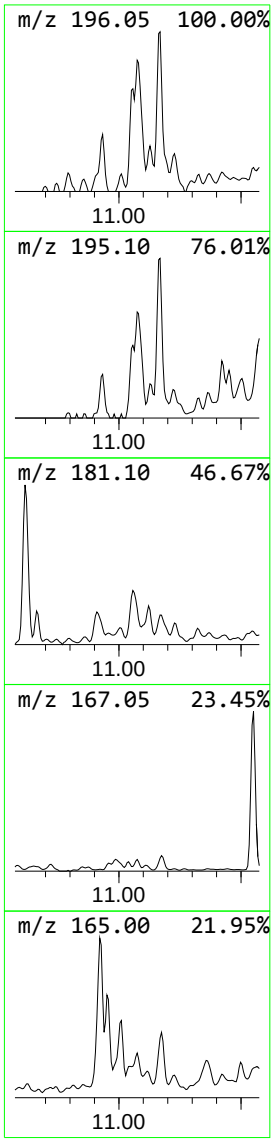
****

Peak Number 6 2-[2-Phenylethenyl]phenol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.075	2.55 ng	81655	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	68
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	64
3	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	49
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	49
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141526.D
Acq On : 07 Feb 2025 23:27
Operator : RC/JU
Sample : Q1242-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

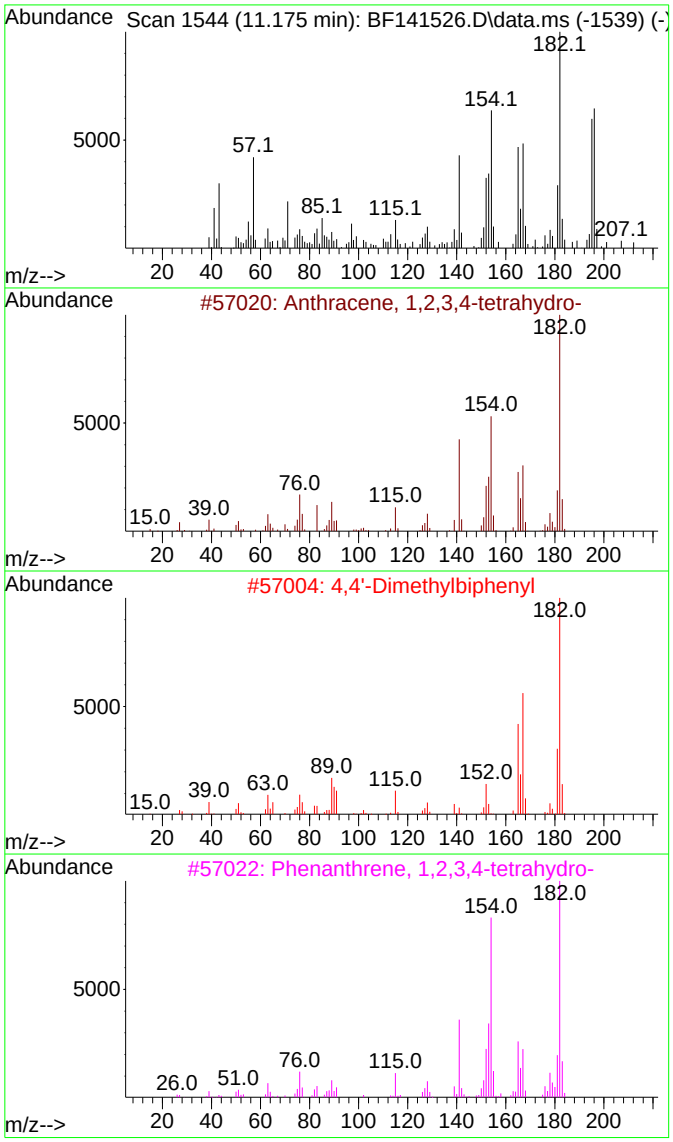
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

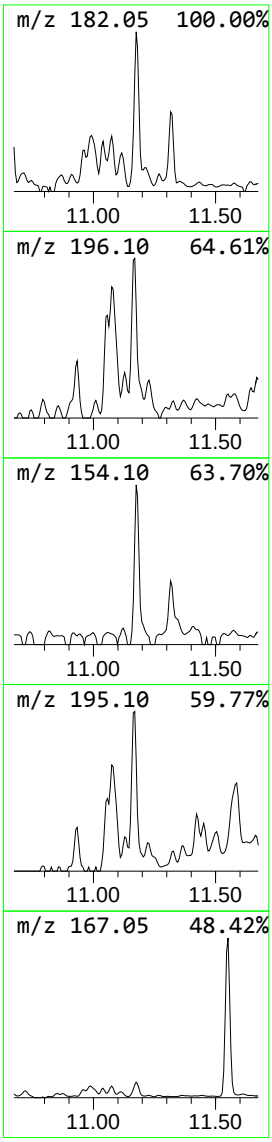
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	3.20 ng	102353	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	64
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	50
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	45
5	Dehydrochamazulene	182	C14H14	321732-25-6	45





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Sample : Q1242-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
JPP-6.2-013025

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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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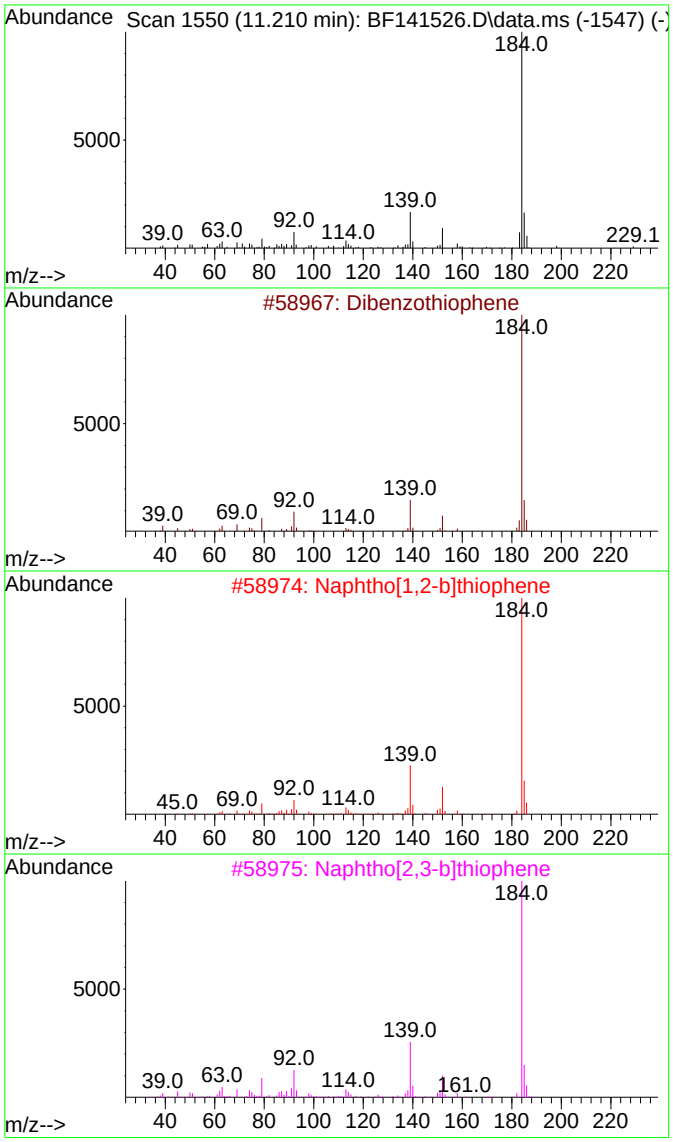
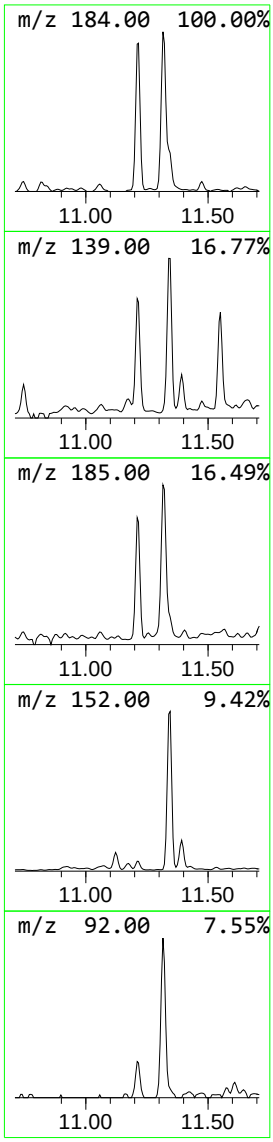
Peak Number 8 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	3.39 ng	108579	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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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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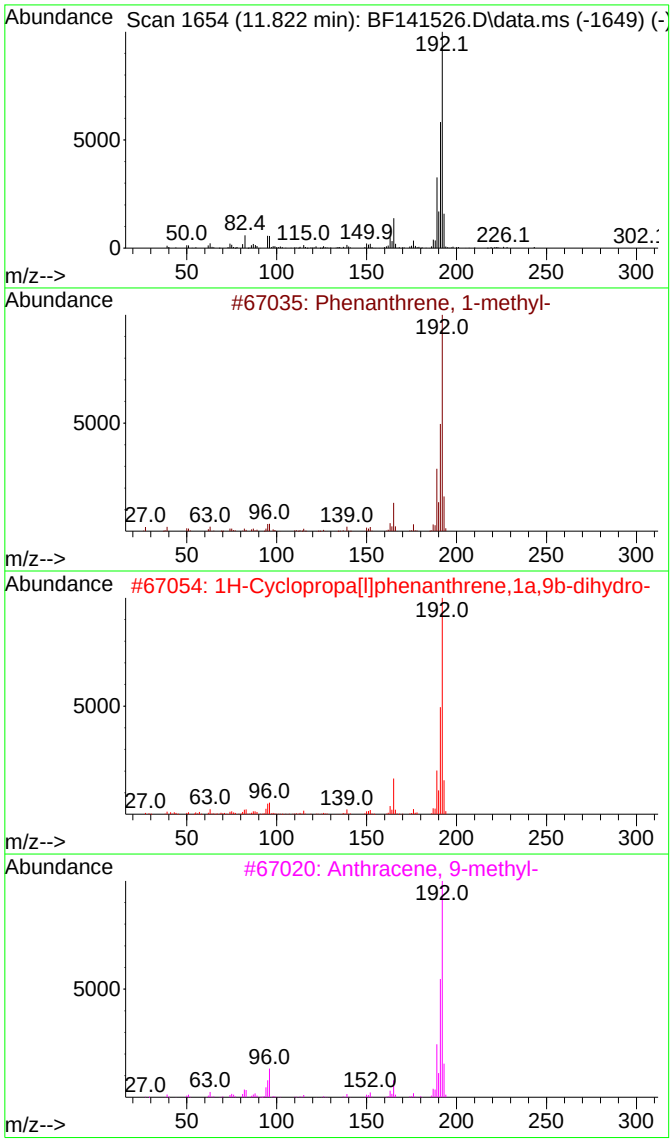
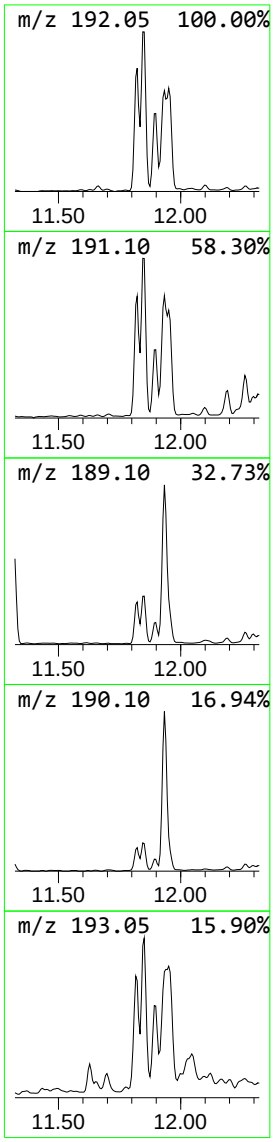
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	5.50 ng	176063	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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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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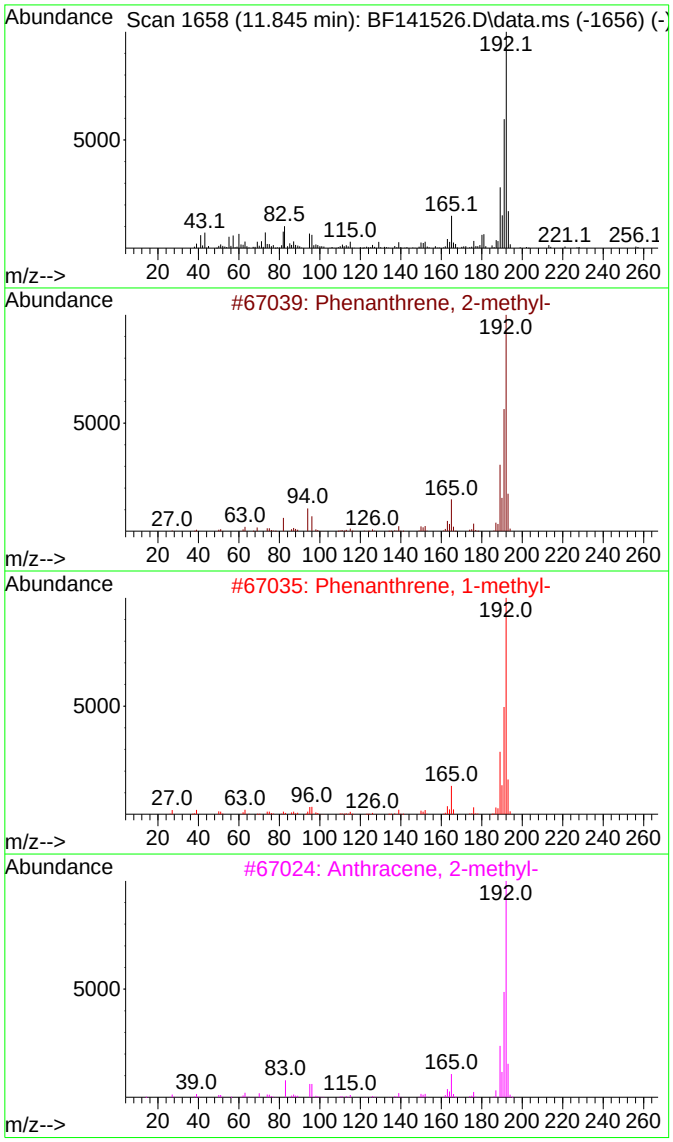
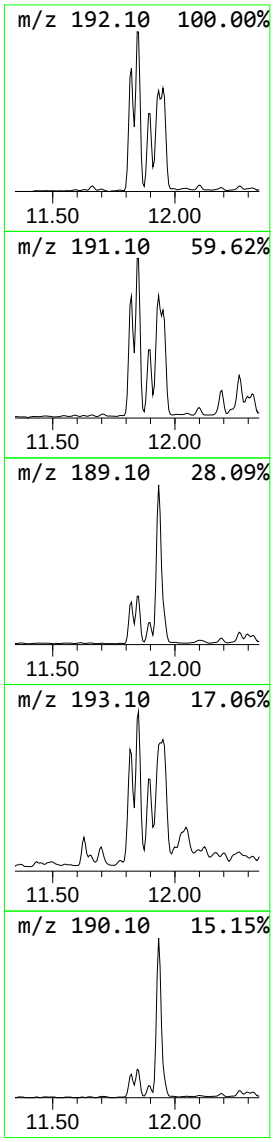
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	7.72 ng	247290	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





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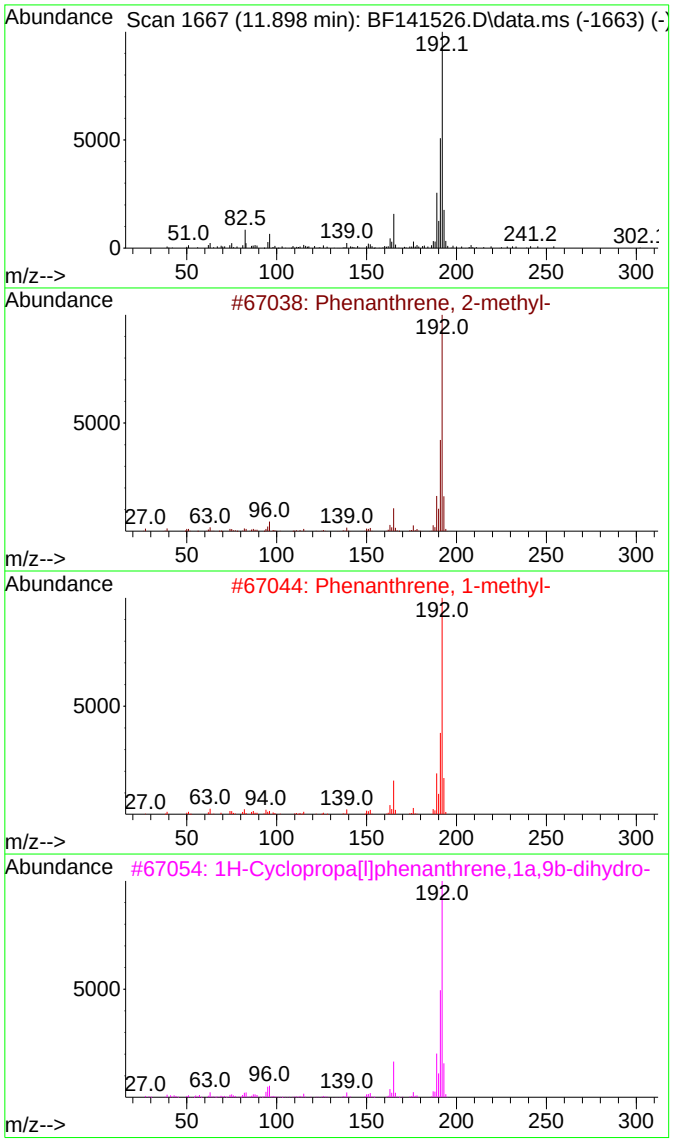
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

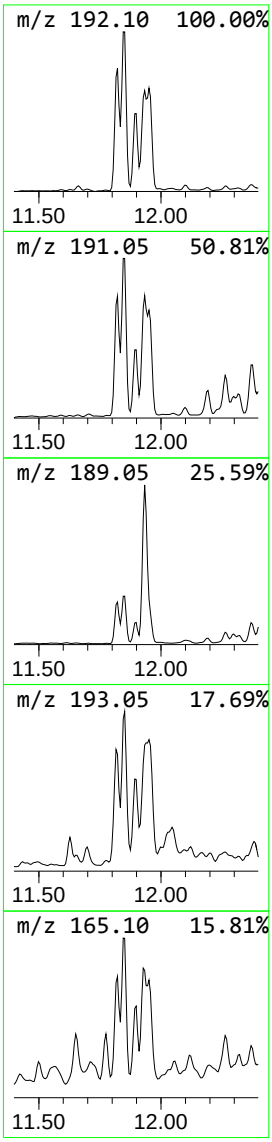
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	3.44 ng	110272	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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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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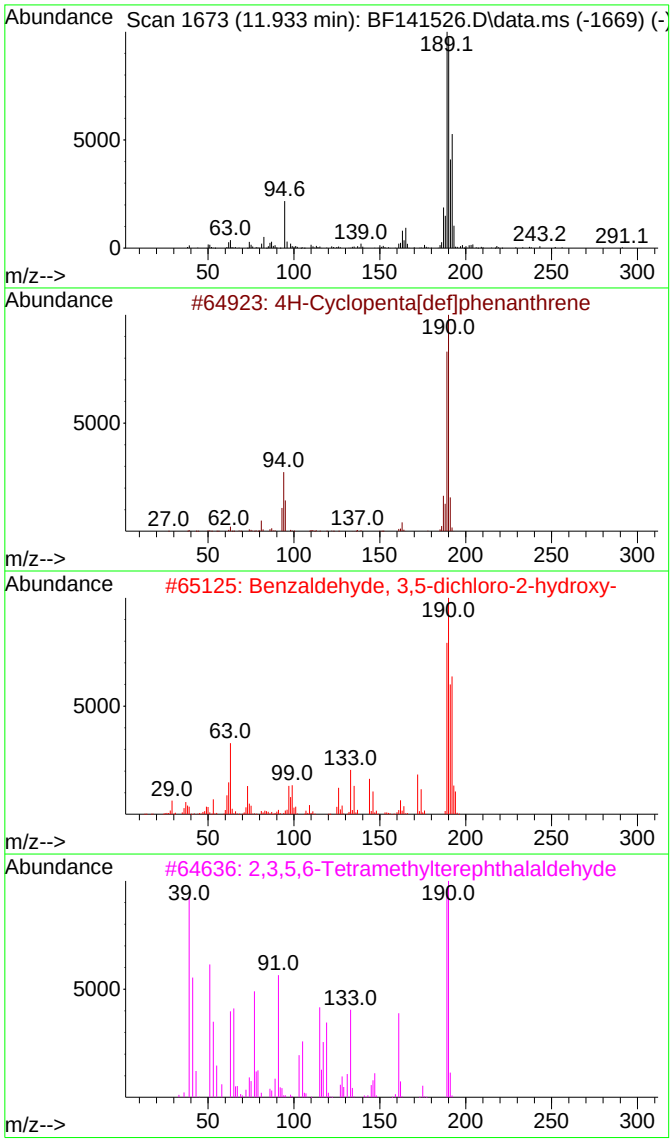
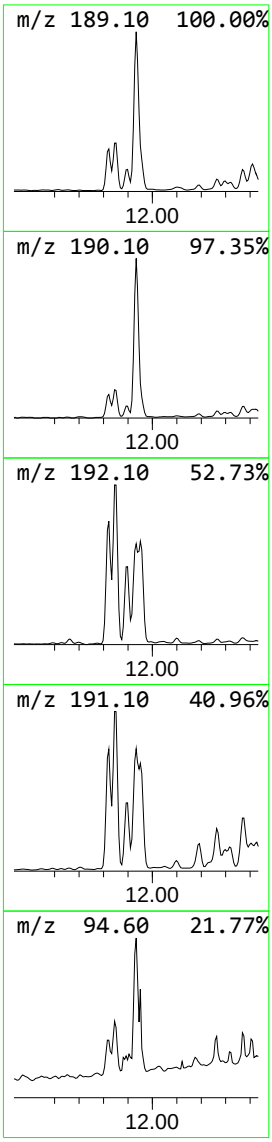
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	12.93 ng	414042	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Methyl diselenide	190	C2H6Se2	007101-31-7	41
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25





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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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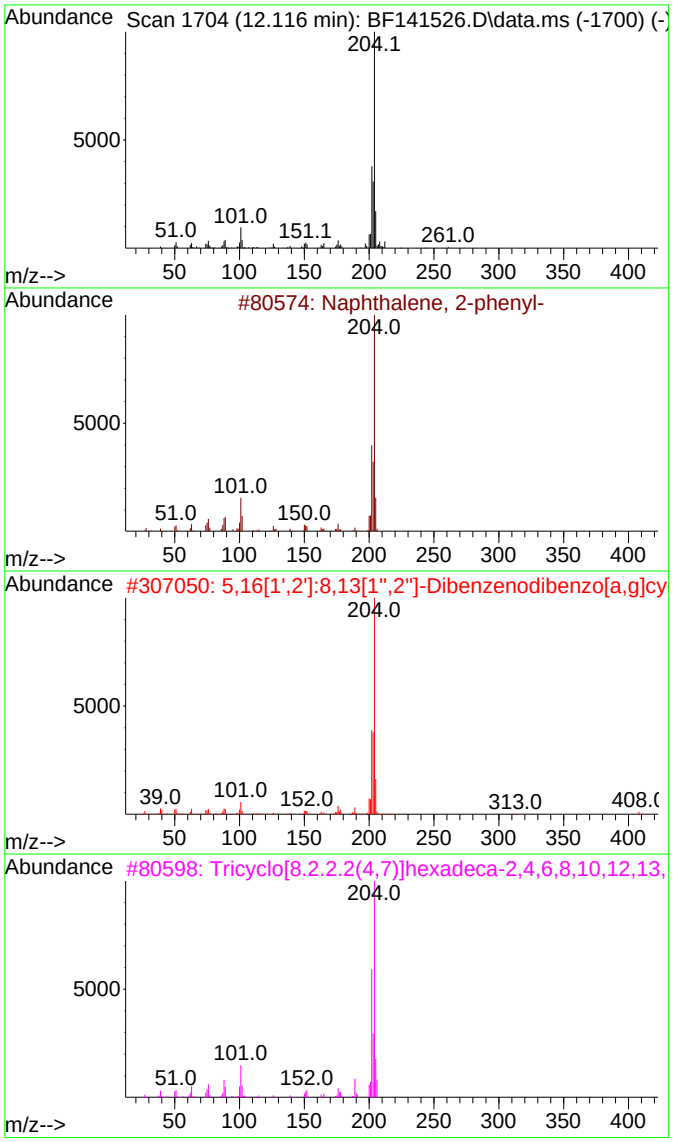
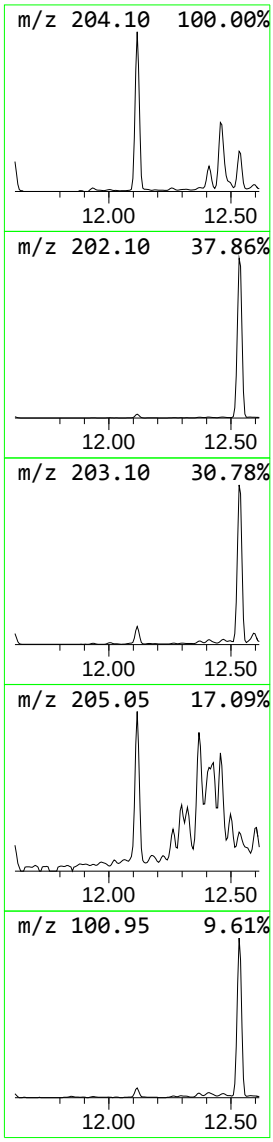
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	2.79 ng	89437	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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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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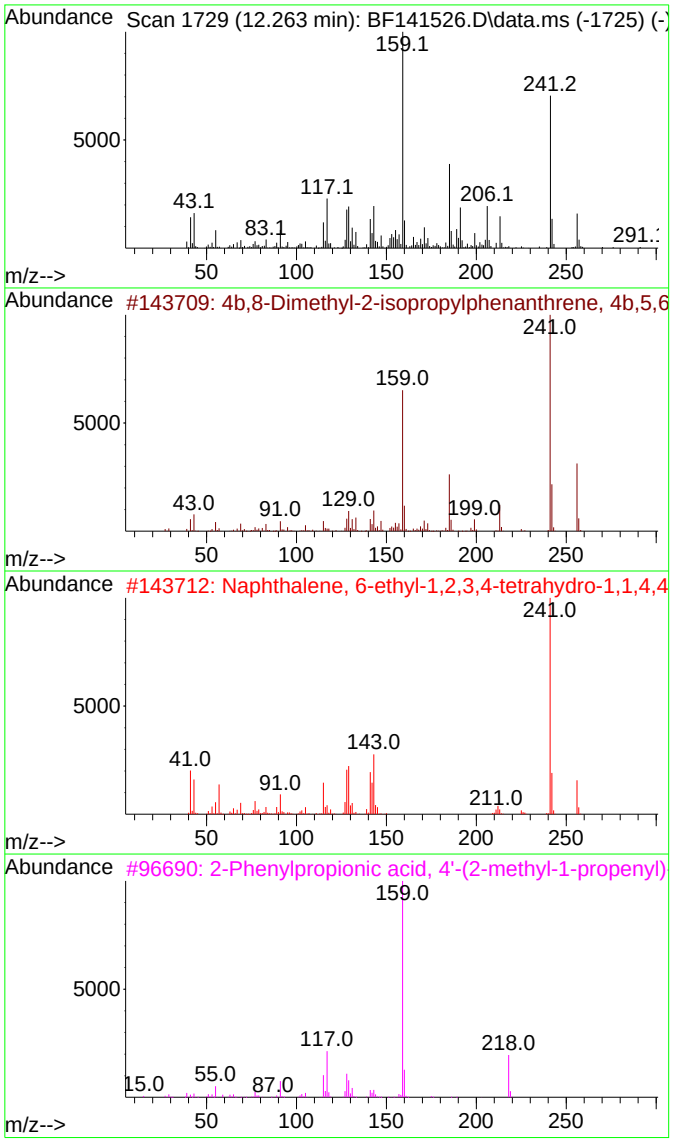
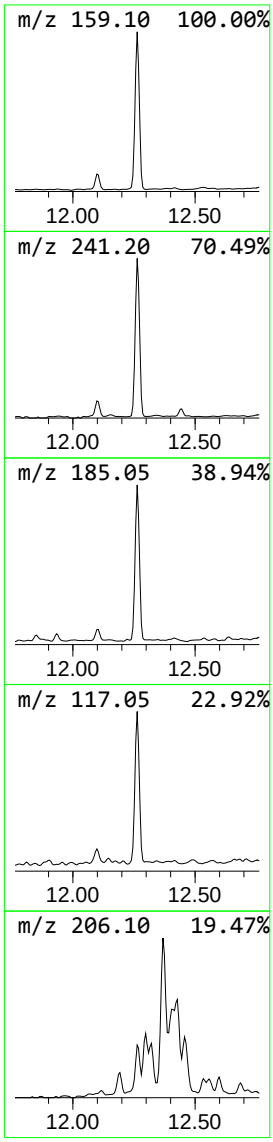
Peak Number 14 4b,8-Dimethyl-2-isopropylph... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	9.10 ng	291214	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	50
3	2-Phenylpropionic acid, 4'-(2-me...	218	C14H18O2	1010454-94-3	27
4	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	25
5	trans-Calamenene	202	C15H22	073209-42-4	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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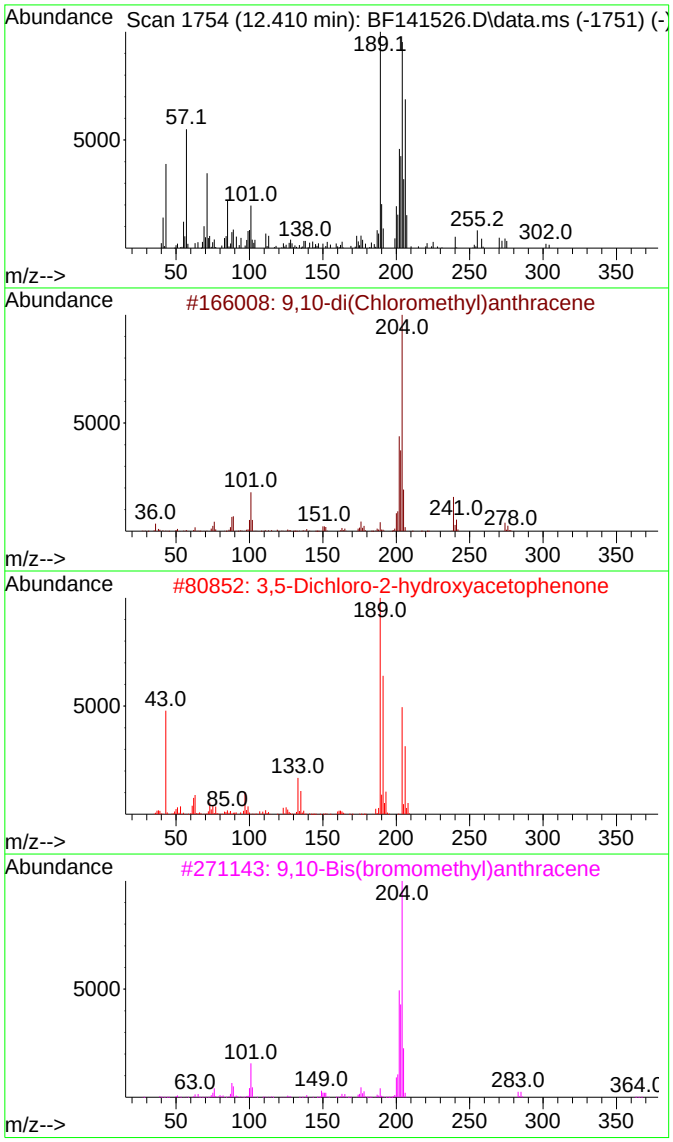
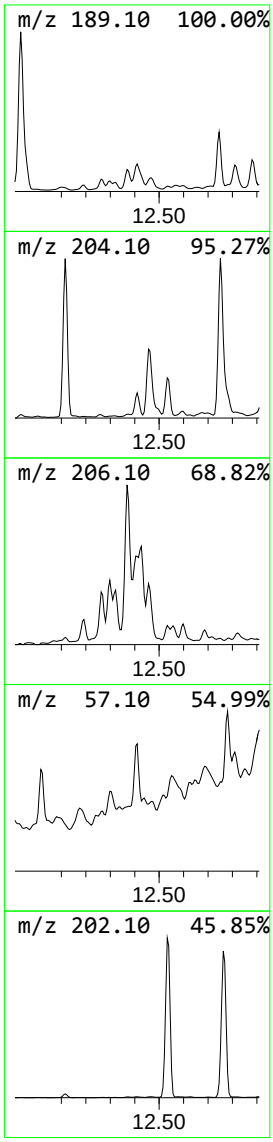
Peak Number 15 9,10-di(Chloromethyl)anthra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	3.11 ng	99475	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	86
2	3,5-Dichloro-2-hydroxyacetophenone	204	C8H6Cl2O2	003321-92-4	43
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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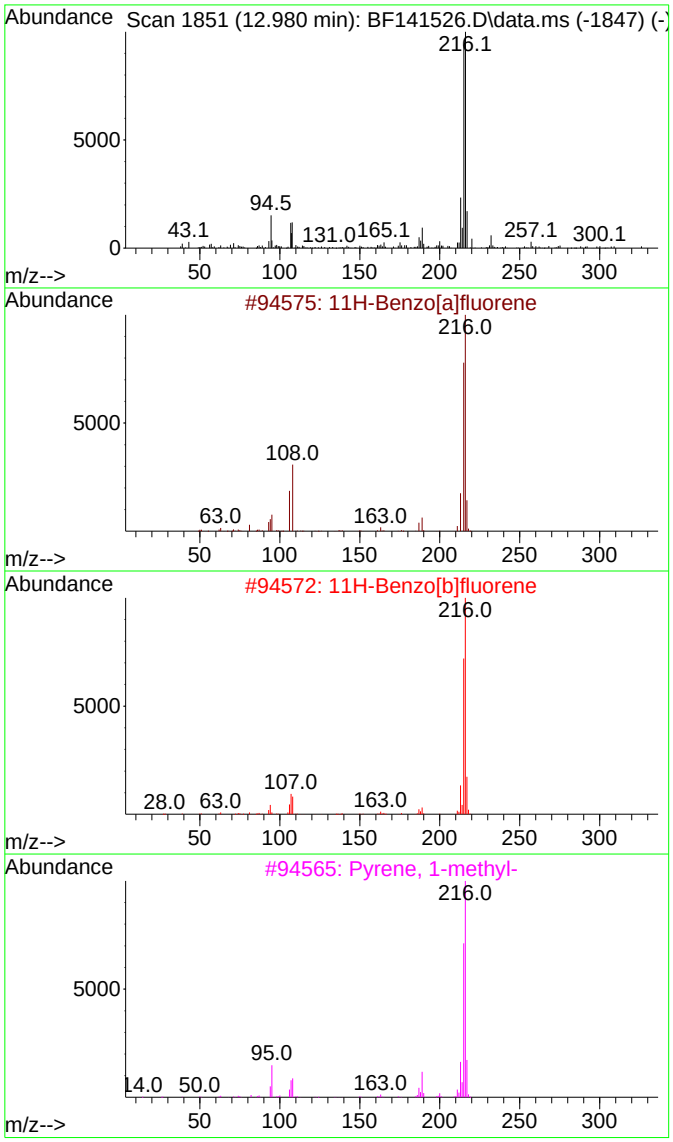
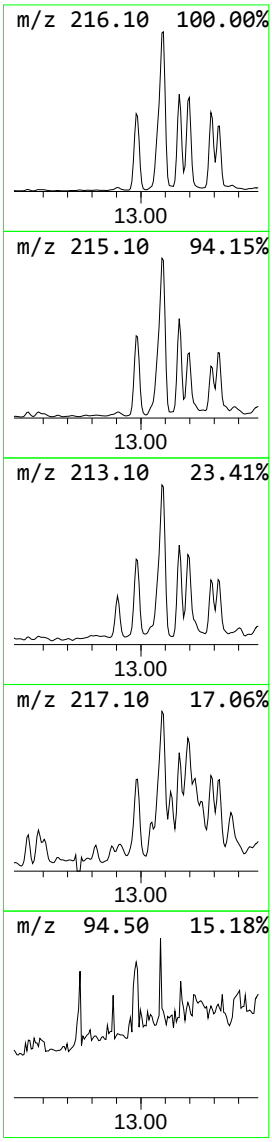
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	2.56 ng	139485	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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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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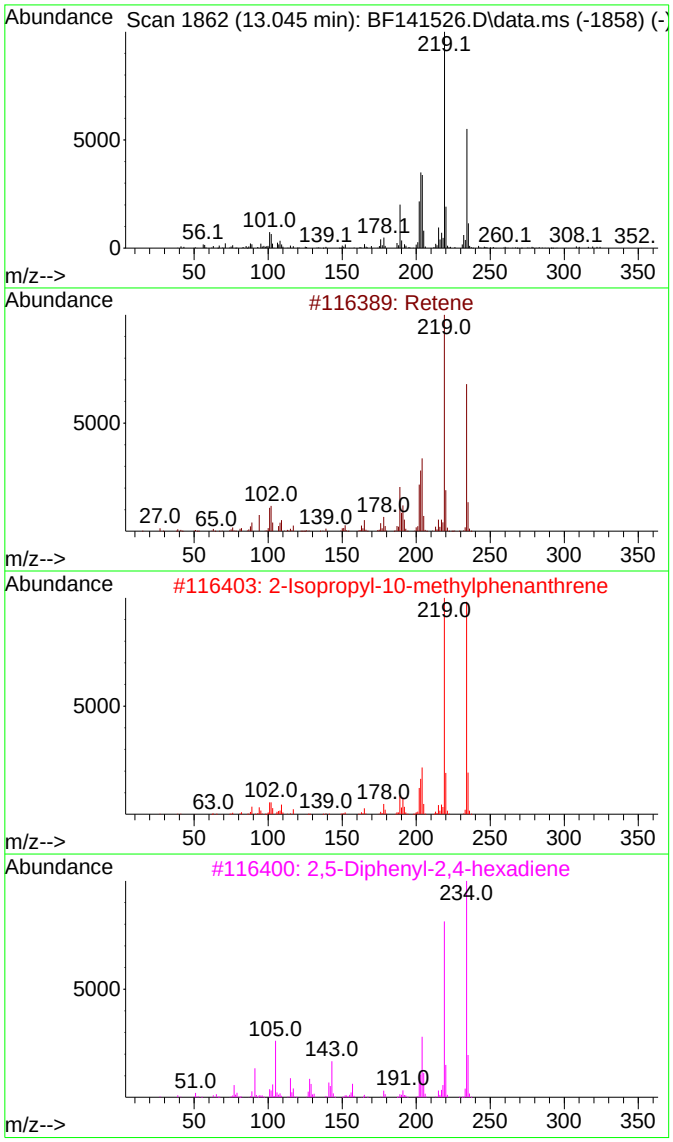
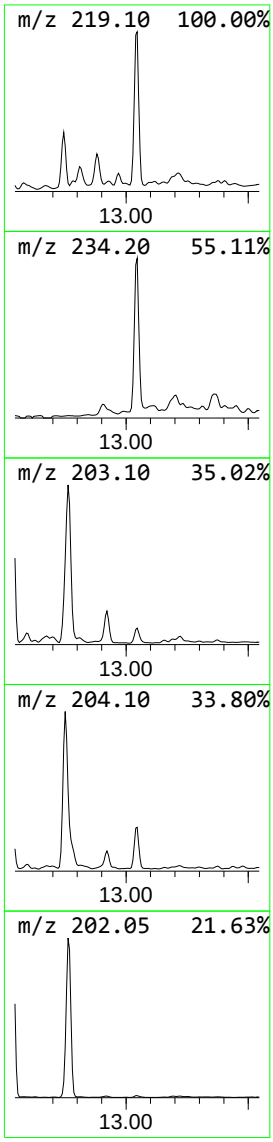
Peak Number 17 Retene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	2.75 ng	149757	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	95
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	74
4	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	72
5	Benzene, 1,3-bis(1,1-dimethyleth...	234	C16H26O	001518-53-2	52





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TIC Library : C:\Database\NIST20.L
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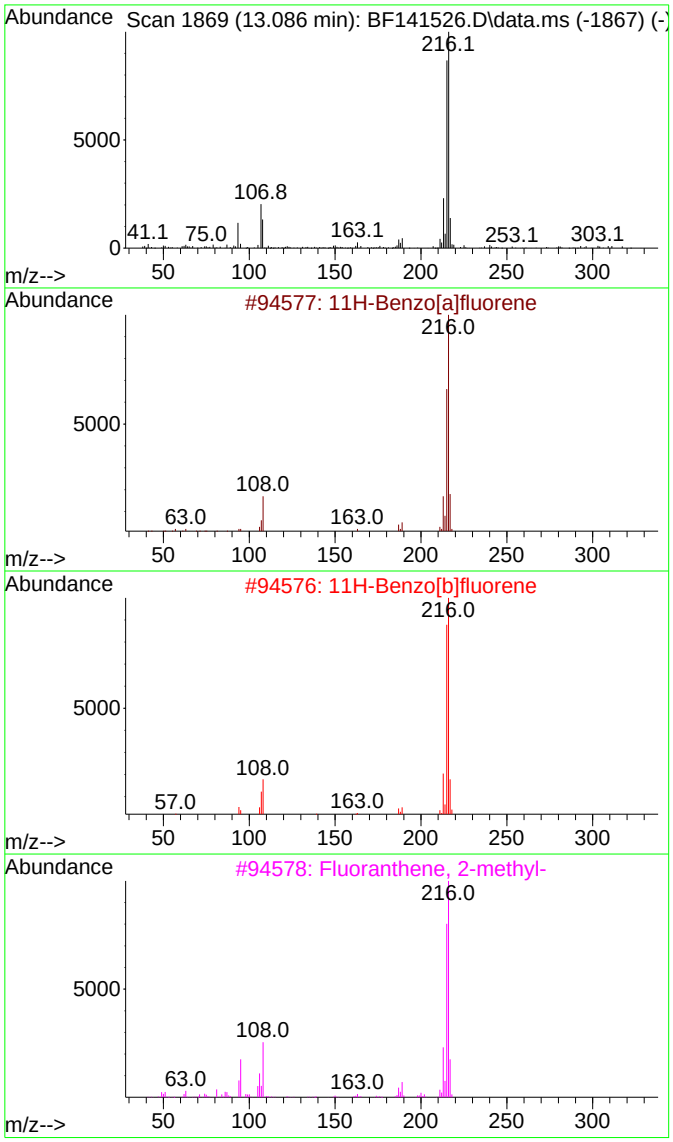
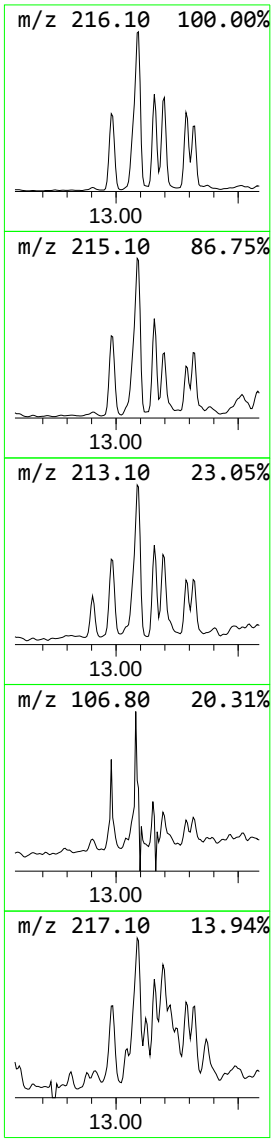
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	3.25 ng	177007	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Acq On : 07 Feb 2025 23:27
Operator : RC/JU
Sample : Q1242-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

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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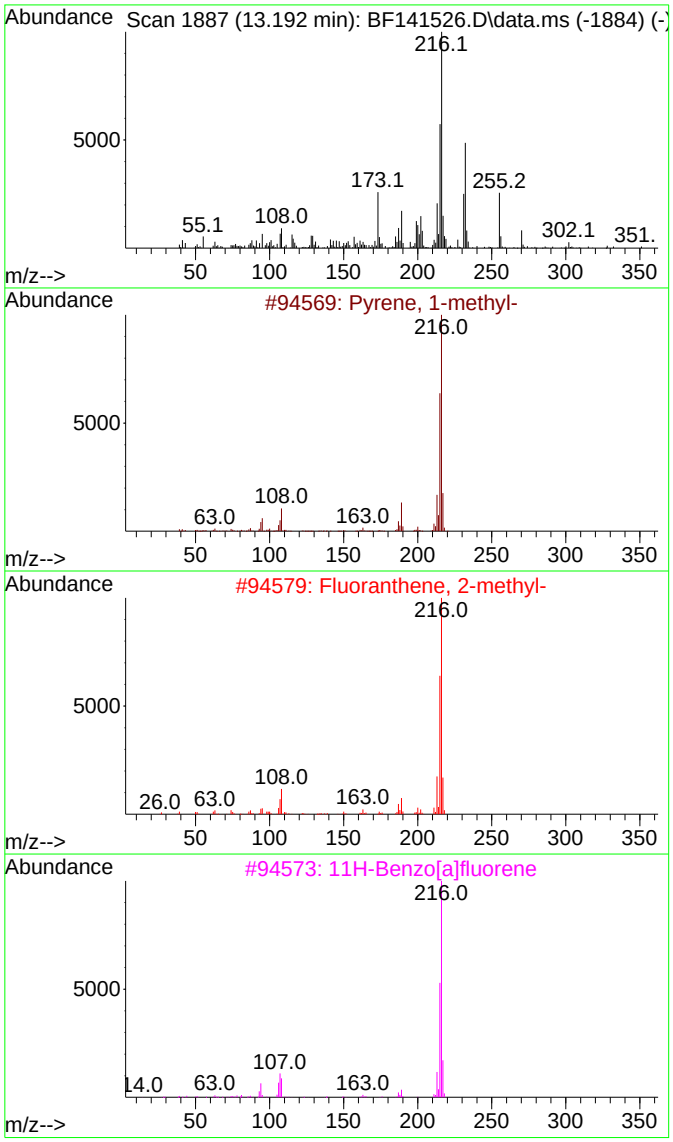
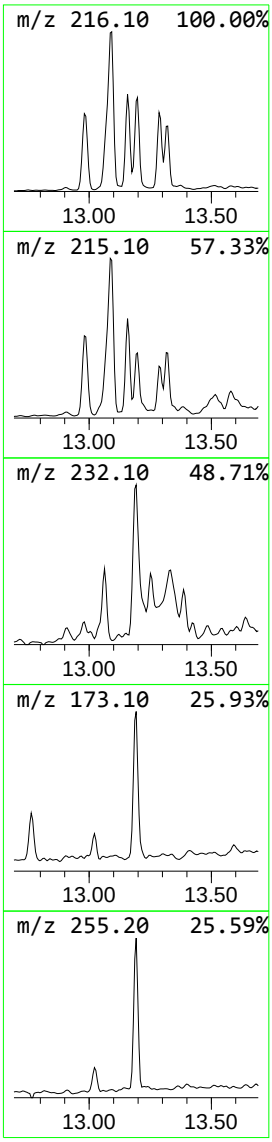
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	4.40 ng	239185	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	46
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141526.D
Acq On : 07 Feb 2025 23:27
Operator : RC/JU
Sample : Q1242-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

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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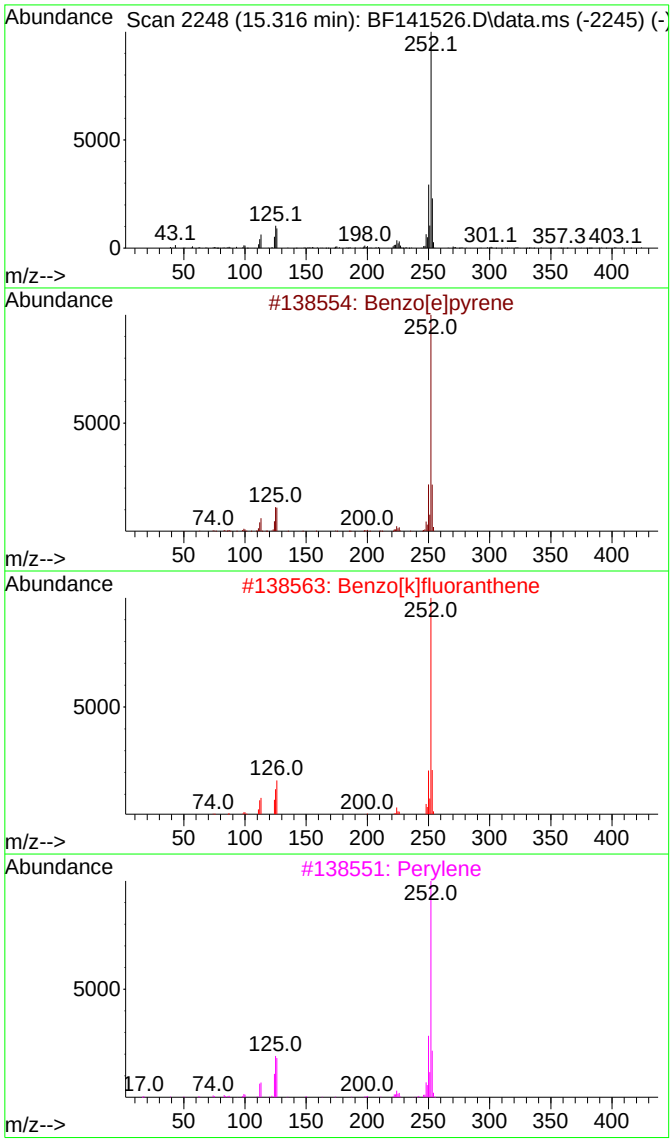
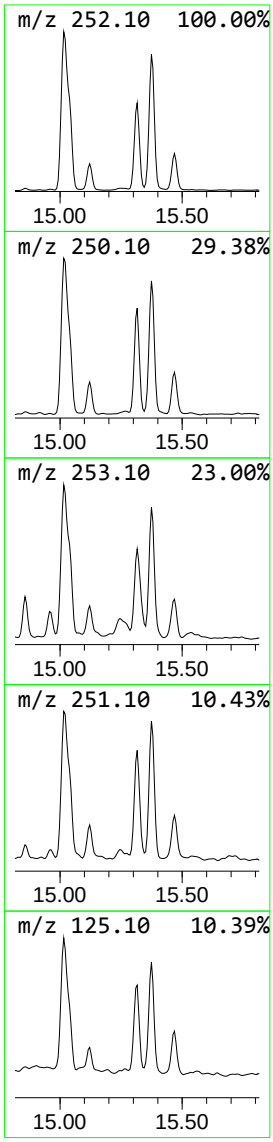
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	19.24 ng	252895	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141526.D
Acq On : 07 Feb 2025 23:27
Operator : RC/JU
Sample : Q1242-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-6.2-013025

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
2-Pentanone, 4-...	4.987	28.9	ng	742750	1	6.793	514783	20.0
.alpha.-Pinene	6.063	6.2	ng	158543	1	6.793	514783	20.0
p-Cymene	6.869	3.8	ng	96729	1	6.793	514783	20.0
Hexadecane	9.228	2.6	ng	83142	3	9.828	635884	20.0
Benzophenone	10.539	5.0	ng	157803	3	9.828	635884	20.0
2-[2-Phenylethe...	11.075	2.5	ng	81655	4	11.316	640312	20.0
Anthracene, 1,2...	11.175	3.2	ng	102353	4	11.316	640312	20.0
Dibenzothiophene	11.210	3.4	ng	108579	4	11.316	640312	20.0
Phenanthrene, 1...	11.822	5.5	ng	176063	4	11.316	640312	20.0
Phenanthrene, 2...	11.845	7.7	ng	247290	4	11.316	640312	20.0
1H-Cyclopropa[l...	11.898	3.4	ng	110272	4	11.316	640312	20.0
4H-Cyclopenta[d...	11.933	12.9	ng	414042	4	11.316	640312	20.0
Naphthalene, 2-...	12.116	2.8	ng	89437	4	11.316	640312	20.0
4b,8-Dimethyl-2...	12.263	9.1	ng	291214	4	11.316	640312	20.0
9,10-di(Chlorom...	12.410	3.1	ng	99475	4	11.316	640312	20.0
11H-Benzo[a]flu...	12.980	2.6	ng	139485	5	13.963	1087840	20.0
Retene	13.045	2.8	ng	149757	5	13.963	1087840	20.0
11H-Benzo[b]flu...	13.086	3.3	ng	177007	5	13.963	1087840	20.0
Pyrene, 1-methyl-	13.192	4.4	ng	239185	5	13.963	1087840	20.0
Benzo[e]pyrene	15.316	19.2	ng	252895	6	15.439	262872	20.0