LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141818.D
Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

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-BF022725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141818.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	501	509	520	rBV	156089	241077	2.77%	0.218%
2	5.493	571	578	583	rBV	2277252	3062246	35.16%	2.772%
3	6.498	743	749	764	rVB	2374256	3111070	35.72%	2.816%
4	6.887	806	815	820	rVB	603707	747094	8.58%	0.676%
5	7.439	901	909	914	rBV	1500528	1933150	22.20%	1.750%
6	7.698	947	953	960	rVB2	74654	116822	1.34%	0.106%
7	7.904	982	988	995	rBV3	53249	129266	1.48%	0.117%
8	8.169	1020	1033	1040	rBV	809818	1346229	15.46%	1.219%
9	8.375	1055	1068	1072	rBV6	49681	145043	1.67%	0.131%
10	8.669	1115	1118	1123	rBV3	90185	121802	1.40%	0.110%
11	8.757	1129	1133	1137	rBV	192990	248167	2.85%	0.225%
12	8.875	1150	1153	1158	rVB	109603	146396	1.68%	0.133%
13	8.981	1166	1171	1177	rBV2	152127	269657	3.10%	0.244%
14	9.122	1191	1195	1199	rVB4	74369	118151	1.36%	0.107%
15	9.186	1203	1206	1210	rVV3	88533	140479	1.61%	0.127%
16	9.239	1210	1215	1220	rVB	3199476	3935233	45.18%	3.562%
17	9.322	1225	1229	1235	rBV	401271	576773	6.62%	0.522%
18	9.392	1238	1241	1246	rVB	78669	105827	1.22%	0.096%
19	9.504	1255	1260	1265	rVB2	112541	190628	2.19%	0.173%
20	9.581	1266	1273	1275	rBV2	187109	357369	4.10%	0.323%
21	9.639	1279	1283	1286	rVV4	195759	325092	3.73%	0.294%
22	9.698	1290	1293	1298	rVB2	132464	182543	2.10%	0.165%
23	9.781	1304	1307	1312	rBV3	64177	100884	1.16%	0.091%
24	9.851	1315	1319	1323	rVV	584379	721508	8.28%	0.653%
25	9.922	1324	1331	1334	rBV	1017160	1410978	16.20%	1.277%
26	9.951	1334	1336	1340	rVB	765311	859668	9.87%	0.778%
27	10.086	1354	1359	1361	rBV3	135281	222930	2.56%	0.202%
28	10.122	1361	1365	1370	rVV	392264	579395	6.65%	0.524%
29	10.175	1370	1374	1378	rVB6	127121	194057	2.23%	0.176%
30	10.351	1398	1404	1408	rBV	771931	1032846	11.86%	0.935%
31	10.469	1419	1424	1429	rBV	915437	1260142	14.47%	1.141%
32	10.575	1436	1442	1447	rVV2	231307	421742	4.84%	0.382%
33	10.633	1447	1452	1456	rVV2	576044	742353	8.52%	0.672%
34	10.704	1459	1464	1469	rBV2	2349886	3104570	35.65%	2.810%
35	10.828	1481	1485	1493	rVB	973179	1447307	16.62%	1.310%
36	11.016	1513	1517	1520	rBV3	212516	305392	3.51%	0.276%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141818.D
Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

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-BF022725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.210	1547	1550	1554	rVB2	140560	181262	2.08%	0.164%
38	11.275	1554	1561	1564	rBV2	880680	1374054	15.78%	1.244%
39	11.304	1564	1566	1572	rVB	646279	776496	8.92%	0.703%
40	11.433	1579	1588	1593	rBV2	5284518	8562879	98.32%	7.751%
41	11.486	1593	1597	1601	rVB	1808269	2267634	26.04%	2.053%
42	11.633	1616	1622	1629	rBV2	935730	1411980	16.21%	1.278%
43	11.704	1629	1634	1638	rBV	790366	1021371	11.73%	0.925%
44	11.910	1665	1669	1671	rBV	561657	781725	8.98%	0.708%
45	11.933	1671	1673	1677	rVV	1108835	1288780	14.80%	1.167%
46	11.980	1677	1681	1684	rVV	342894	474893	5.45%	0.430%
47	12.022	1684	1688	1695	rVB2	1342592	2230386	25.61%	2.019%
48	12.110	1699	1703	1710	rVB	715162	841993	9.67%	0.762%
49	12.204	1715	1719	1726	rVB2	424828	779953	8.96%	0.706%
50	12.351	1742	1744	1747	rVB2	105272	103319	1.19%	0.094%
51	12.386	1747	1750	1757	rVB4	124665	244131	2.80%	0.221%
52	12.457	1758	1762	1765	rBV	427717	569502	6.54%	0.516%
53	12.498	1765	1769	1774	rVV	741796	1066936	12.25%	0.966%
54	12.545	1774	1777	1782	rVB3	177029	259567	2.98%	0.235%
55	12.627	1785	1791	1795	rBV	5977445	8280278	95.07%	7.495%
56	12.769	1813	1815	1822	rVB2	217841	311073	3.57%	0.282%
57	12.851	1822	1829	1835	rBV2	4825942	8709431	100.00%	7.884%
58	12.898	1835	1837	1843	rVB2	343228	414948	4.76%	0.376%
59	12.992	1845	1853	1860	rVB	3959948	5815839	66.78%	5.264%
60	13.069	1860	1866	1869	rBV3	415984	832960	9.56%	0.754%
61	13.174	1877	1884	1888	rVB	1079229	1697243	19.49%	1.536%
62	13.245	1890	1896	1899	rBV2	937508	1381972	15.87%	1.251%
63	13.280	1899	1902	1905	rVV2	374285	433069	4.97%	0.392%
64	13.374	1915	1918	1920	rBV	136844	140010	1.61%	0.127%
65	13.404	1920	1923	1927	rVB2	187326	205816	2.36%	0.186%
66	13.574	1948	1952	1963	rVB6	297089	696797	8.00%	0.631%
67	13.680	1964	1970	1975	rVV2	247474	521496	5.99%	0.472%
68	13.792	1985	1989	1992	rBV3	430316	684774	7.86%	0.620%
69	13.827	1992	1995	1997	rVV	201433	273626	3.14%	0.248%
70	13.892	2003	2006	2012	rVB2	526985	777169	8.92%	0.703%
71	14.039	2024	2031	2034	rBV3	3574133	5758385	66.12%	5.212%
72	14.074	2034	2037	2043	rVB	2499628	3379249	38.80%	3.059%
73	14.151	2047	2050	2054	rVB	464864	544863	6.26%	0.493%
74	14.263	2066	2069	2074	rVB2	315459	410569	4.71%	0.372%
75	14.427	2094	2097	2101	rVB	398982	479104	5.50%	0.434%
76	14.463	2101	2103	2107	rVB	241877	264722	3.04%	0.240%

LSC Area Percent Report

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Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

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-BF022725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.521	2110	2113	2116	rBV2	277834	349260	4.01%	0.316%
78	14.557	2116	2119	2120	rBV	151104	150060	1.72%	0.136%
79	15.092	2204	2210	2220	rBV	2078259	5041639	57.89%	4.564%
80	15.198	2225	2228	2234	rVB	430158	579324	6.65%	0.524%
81	15.398	2257	2262	2267	rVB	1021950	1624780	18.66%	1.471%
82	15.463	2267	2273	2278	rVV	1593225	2450872	28.14%	2.218%
83	15.521	2279	2283	2286	rVV	662958	1042324	11.97%	0.943%
84	15.551	2286	2288	2296	rVB2	503191	791479	9.09%	0.716%
85	17.004	2530	2535	2544	rVB2	560415	1234764	14.18%	1.118%
86	17.456	2605	2612	2628	rVB	395596	1006330	11.55%	0.911%

Sum of corrected areas: 110474972

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
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Acq On : 03 Mar 2025 17:47
Operator : RC/JU
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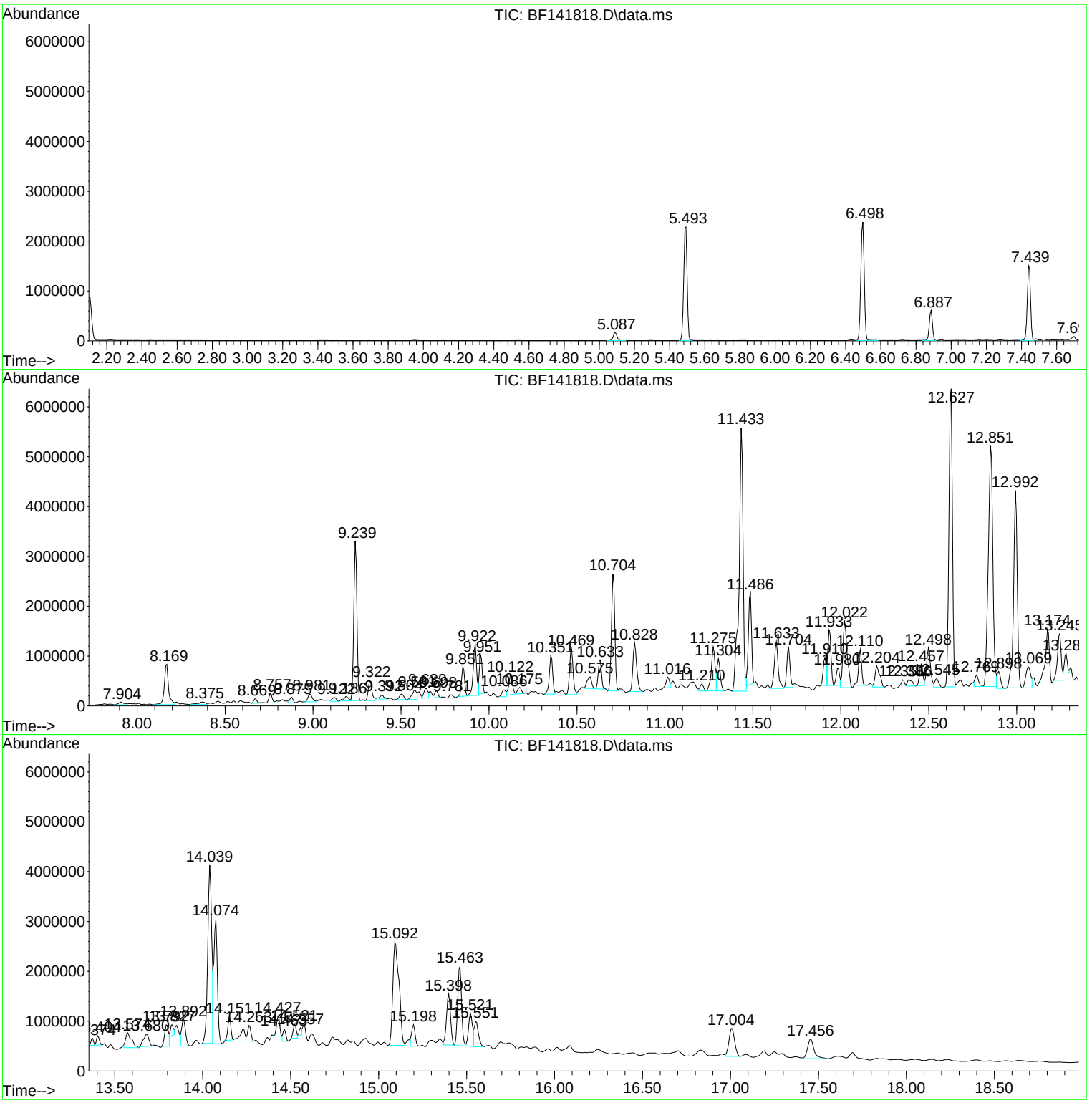
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.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\BF030325\
Data File : BF141818.D
Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
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Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

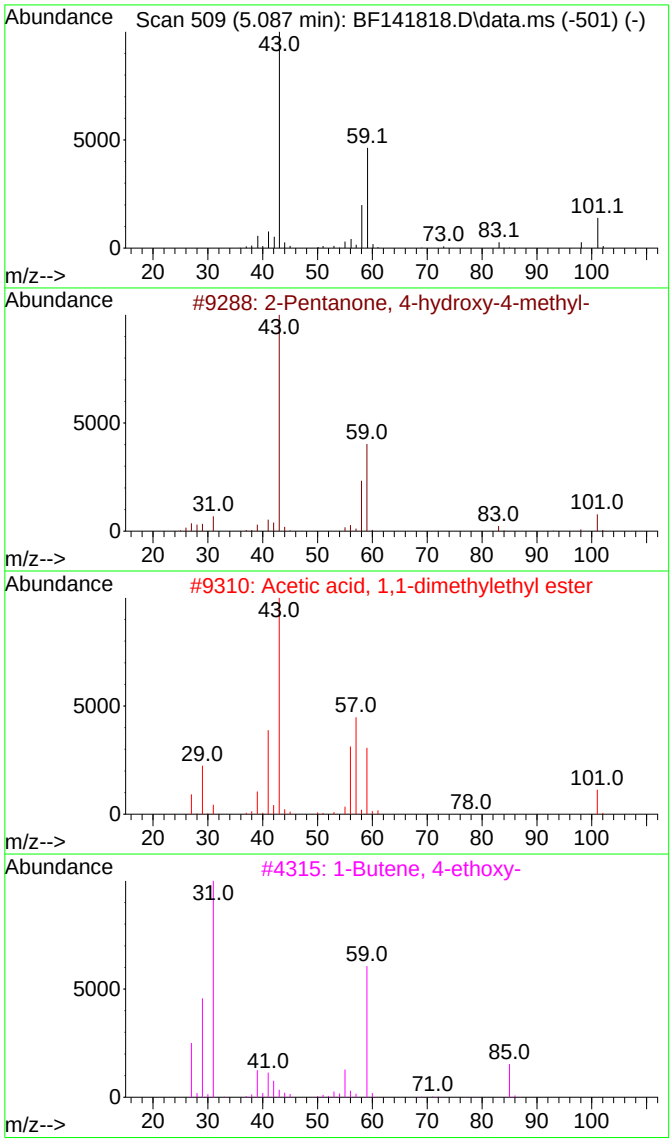
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

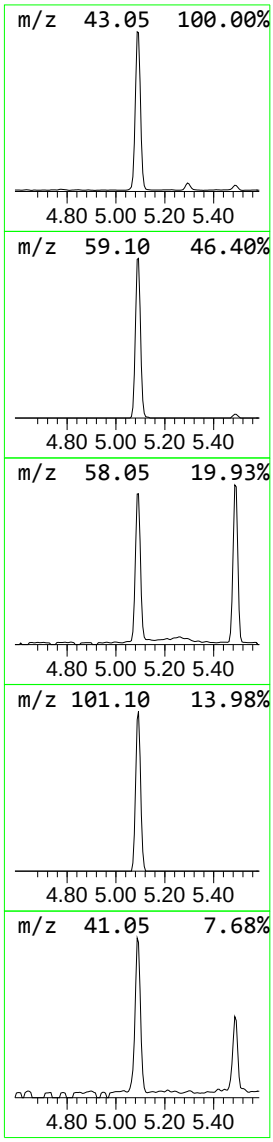
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	6.45 ng	241077	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
3	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17
4	Acetone	58	C3H6O	000067-64-1	16
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141818.D
Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

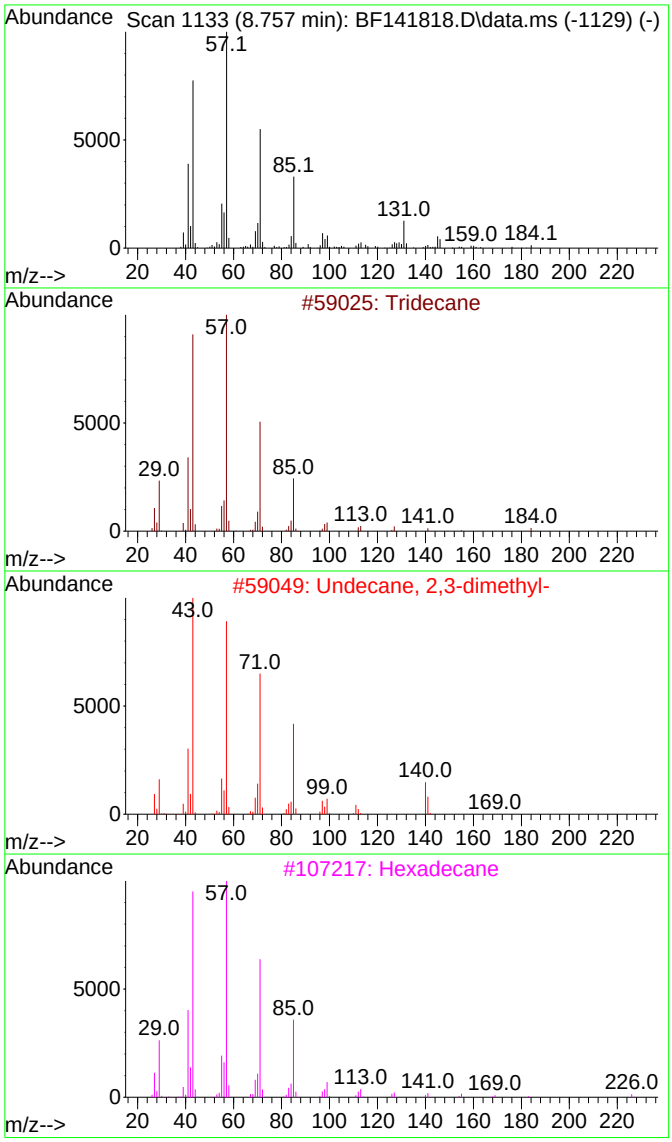
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

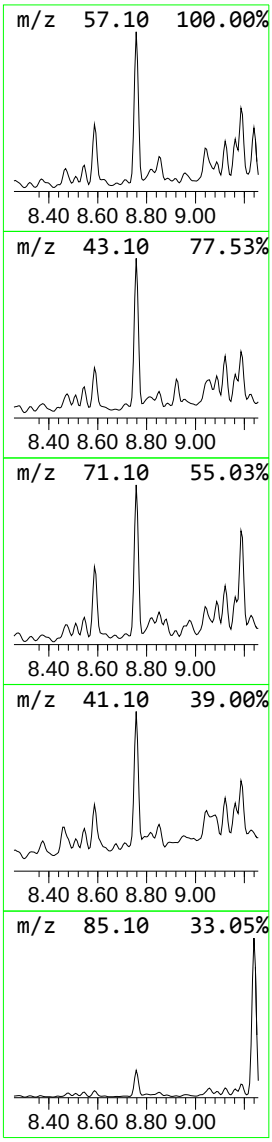
****

Peak Number 2 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.757	3.69 ng	248167	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
3	Hexadecane	226	C16H34	000544-76-3	68
4	Pentadecane	212	C15H32	000629-62-9	64
5	Tetradecane	198	C14H30	000629-59-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141818.D
Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

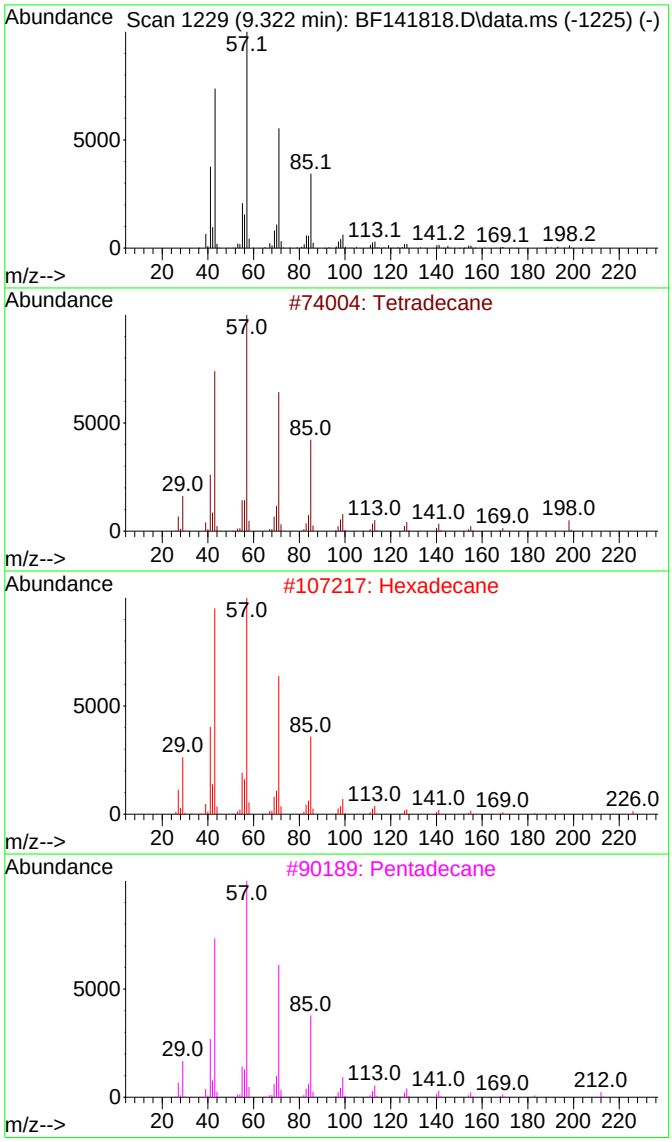
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

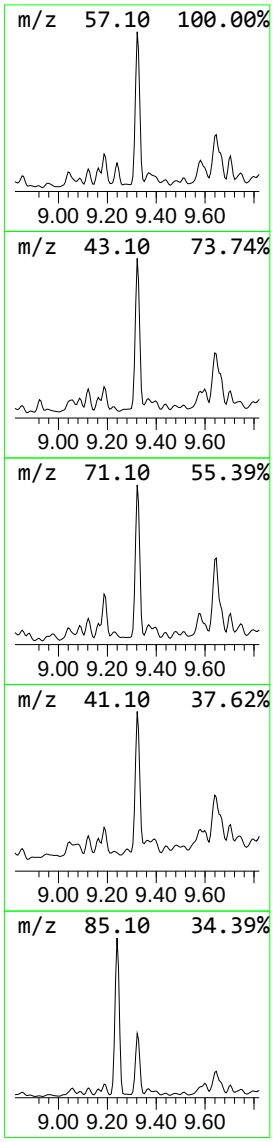
****

Peak Number 3 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	8.18 ng	576773	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





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Data File : BF141818.D
Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

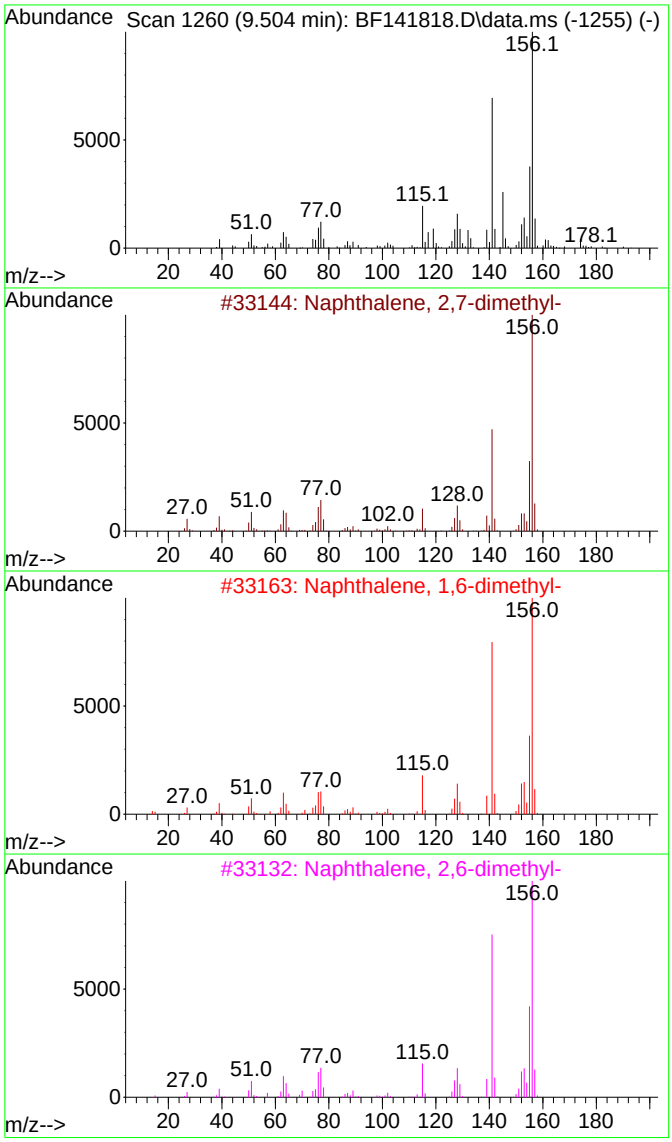
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

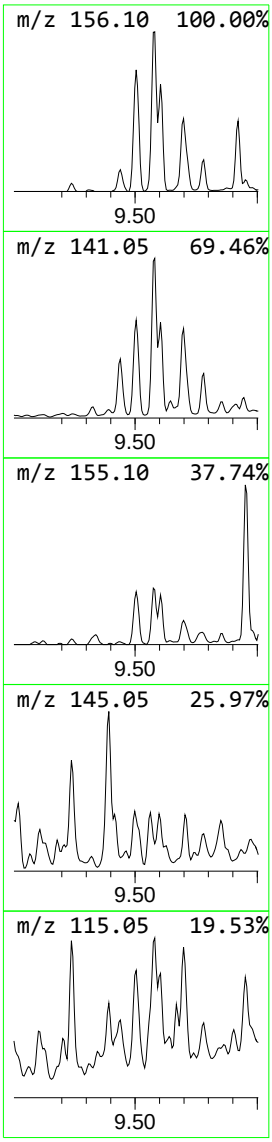
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	2.70 ng	190628	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141818.D
Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

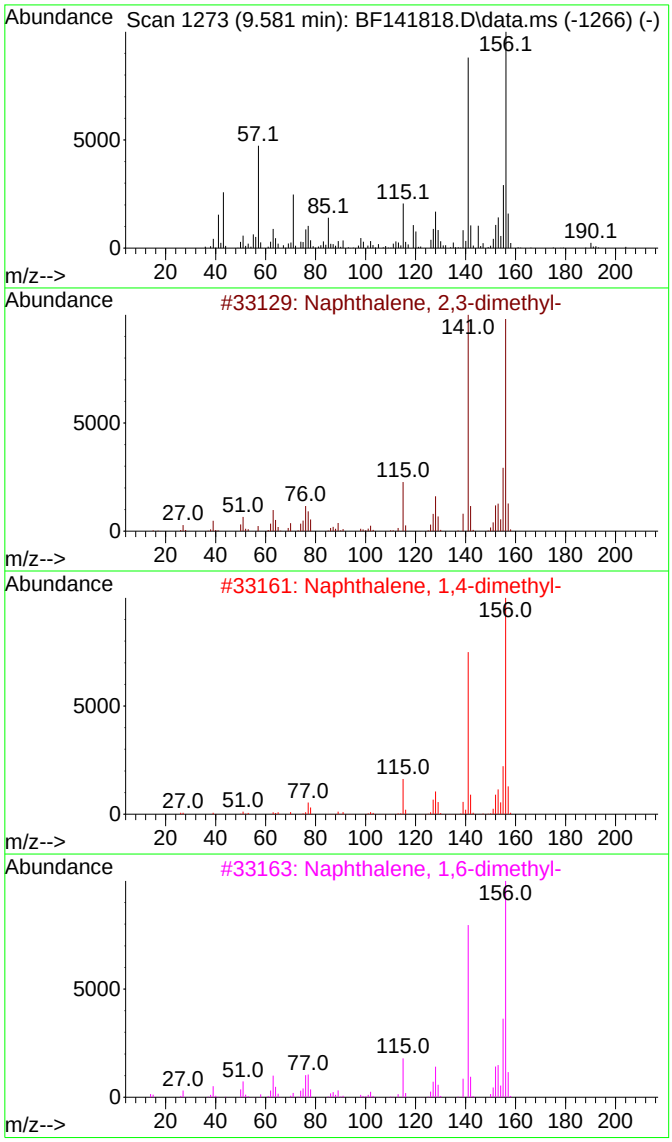
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

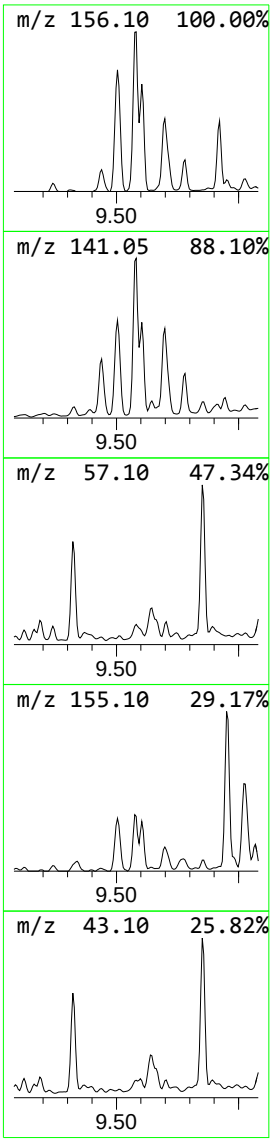
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	5.07 ng	357369	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141818.D
Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

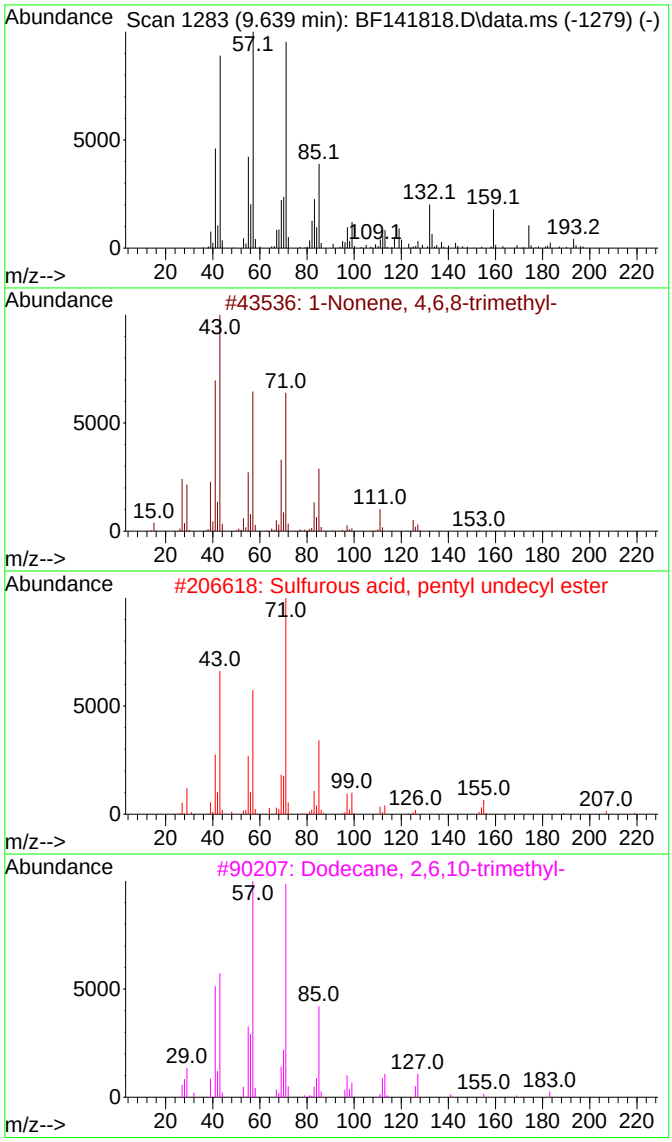
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

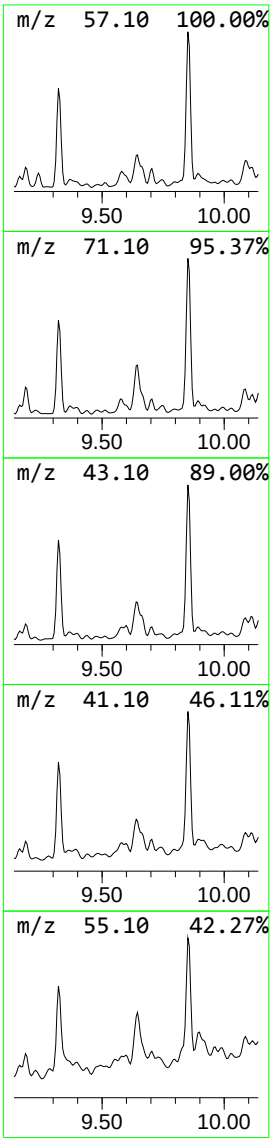
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Nonene, 4,6,8-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.639	4.61 ng	325092	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	58
2	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	58
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
4	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	43
5	Pentacosane	352	C25H52	000629-99-2	38





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Sample : Q1475-01
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ClientSampleId :
TR-04-02282025

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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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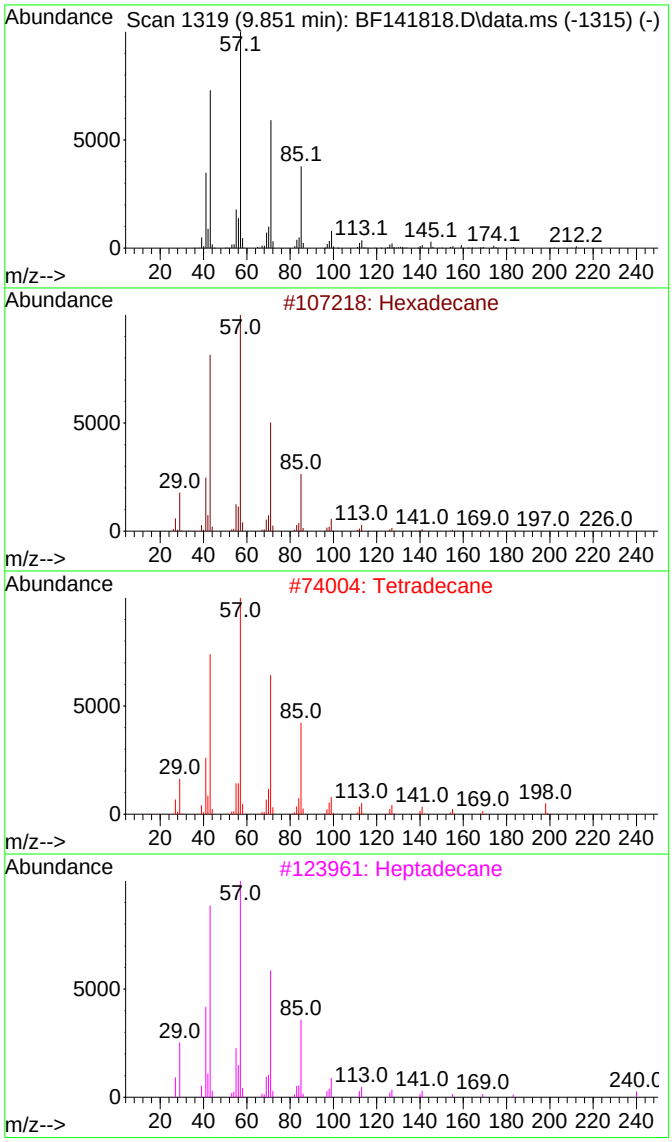
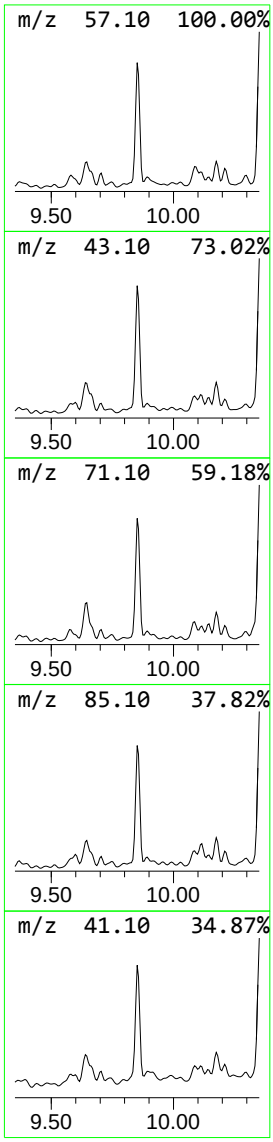
Peak Number 7 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	10.23 ng	721508	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane	240	C17H36	000629-78-7	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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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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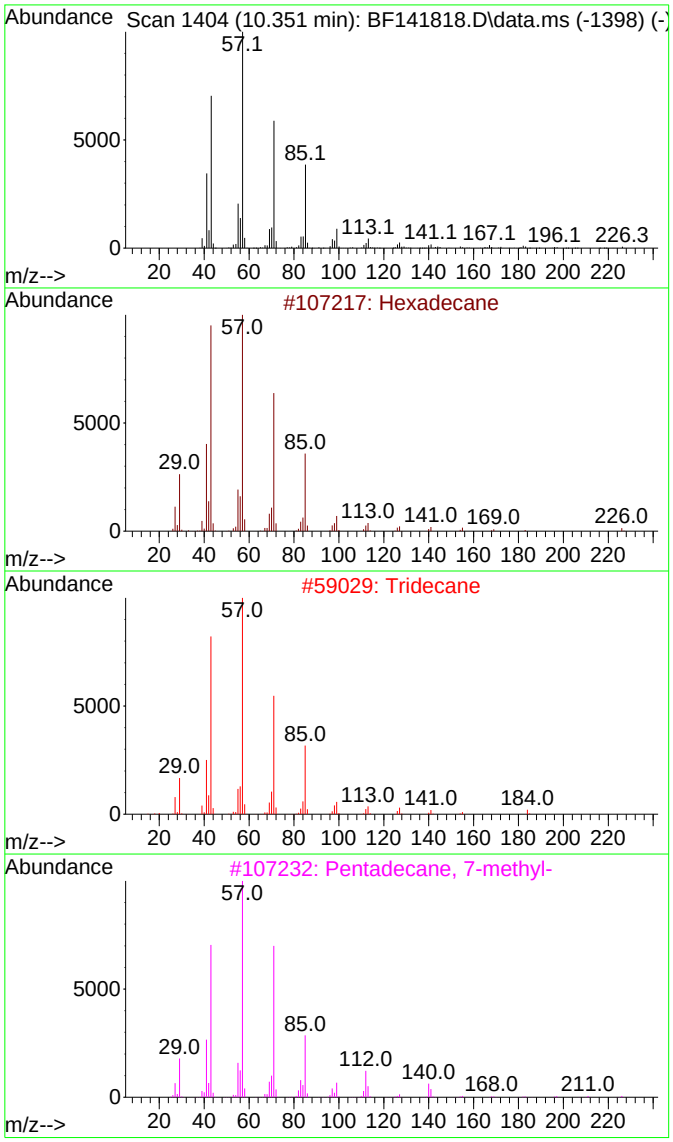
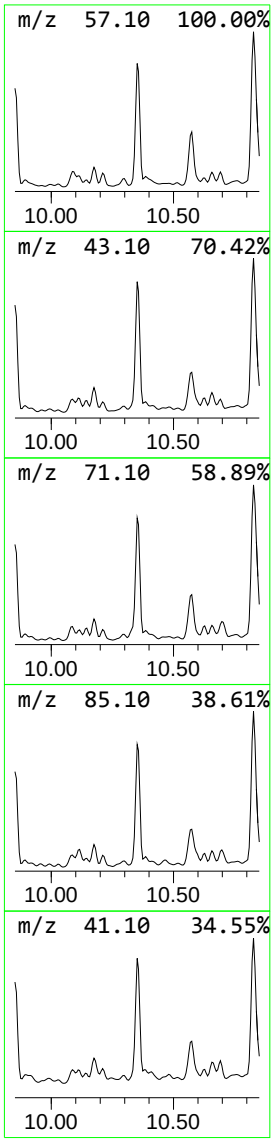
Peak Number 8 Pentadecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	14.64 ng	1032850	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86





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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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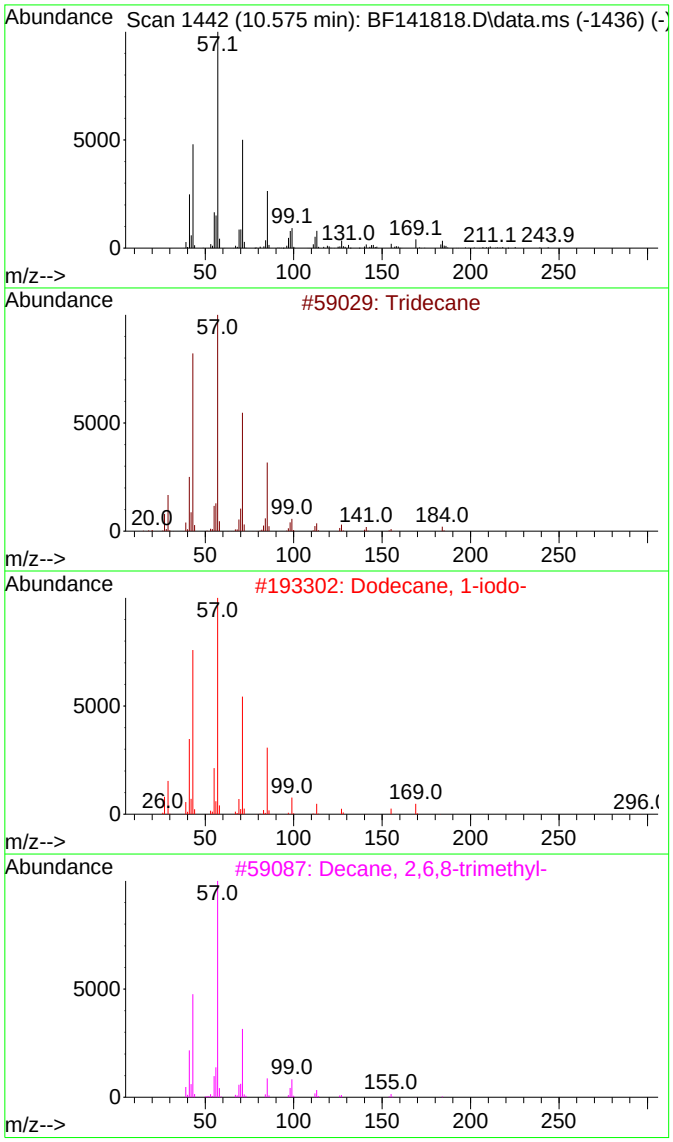
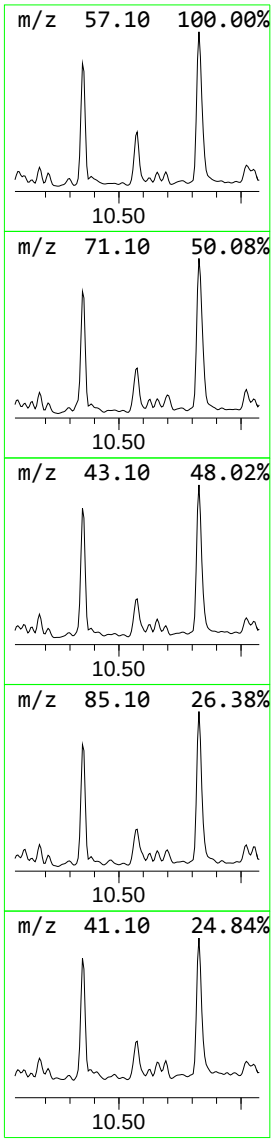
Peak Number 9 Dodecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	5.98 ng	421742	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
4	Heptacosane	380	C27H56	000593-49-7	64
5	Tetracosane	338	C24H50	000646-31-1	64





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ALS Vial : 9 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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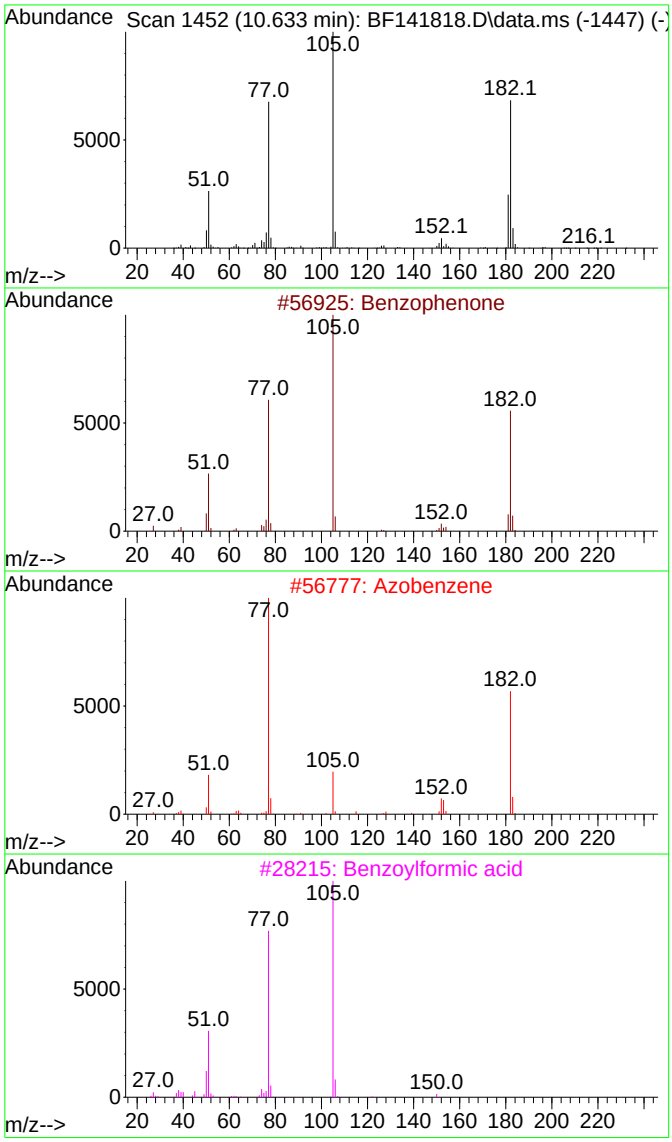
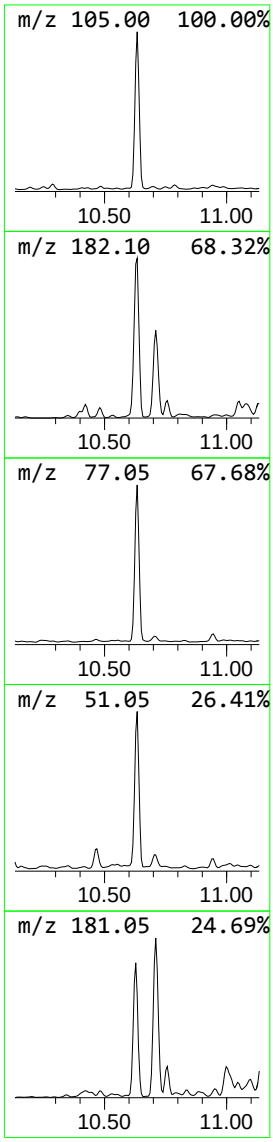
Peak Number 10 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	10.52 ng	742353	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	Benzoylformic acid	150	C8H6O3	000611-73-4	45
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	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

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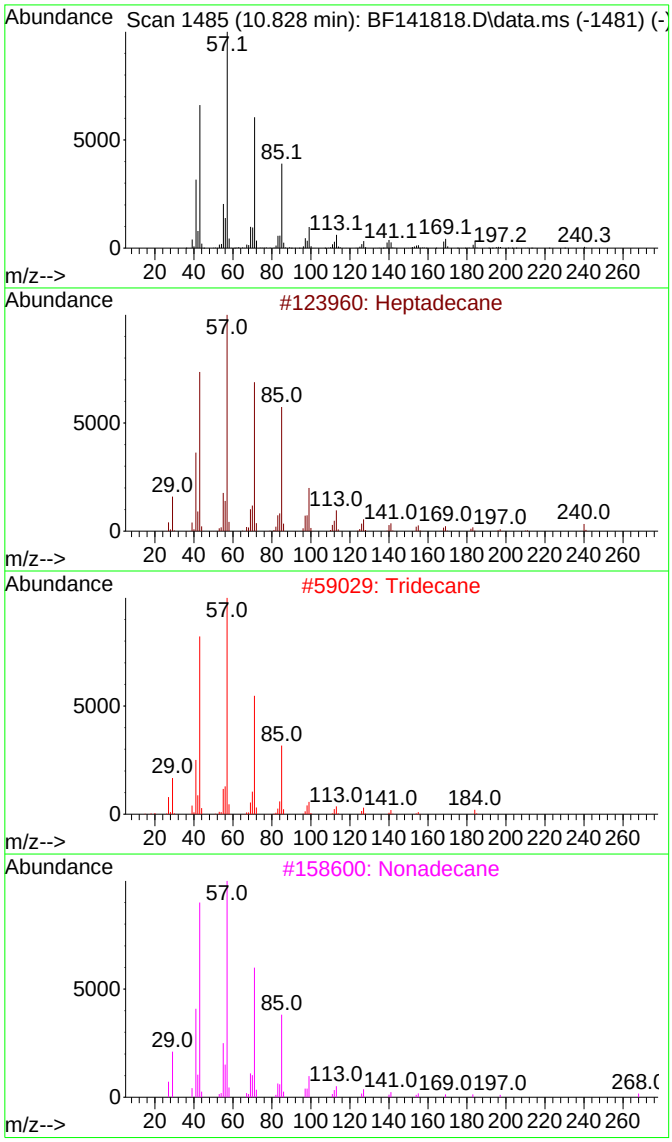
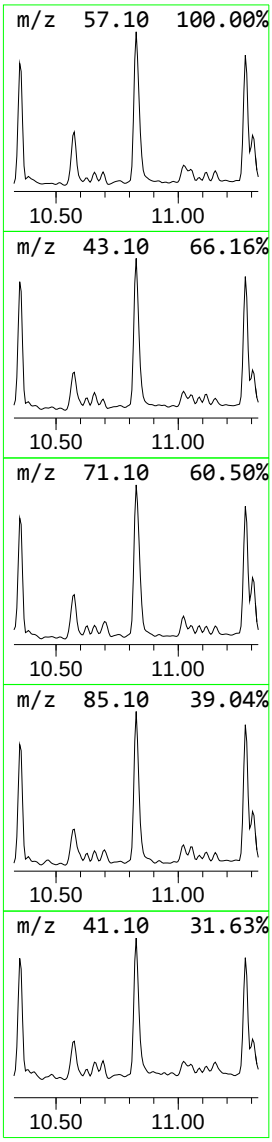
Peak Number 11 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.828	3.38 ng	1447310	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tridecane	184	C13H28	000629-50-5	94
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Eicosane	282	C20H42	000112-95-8	87





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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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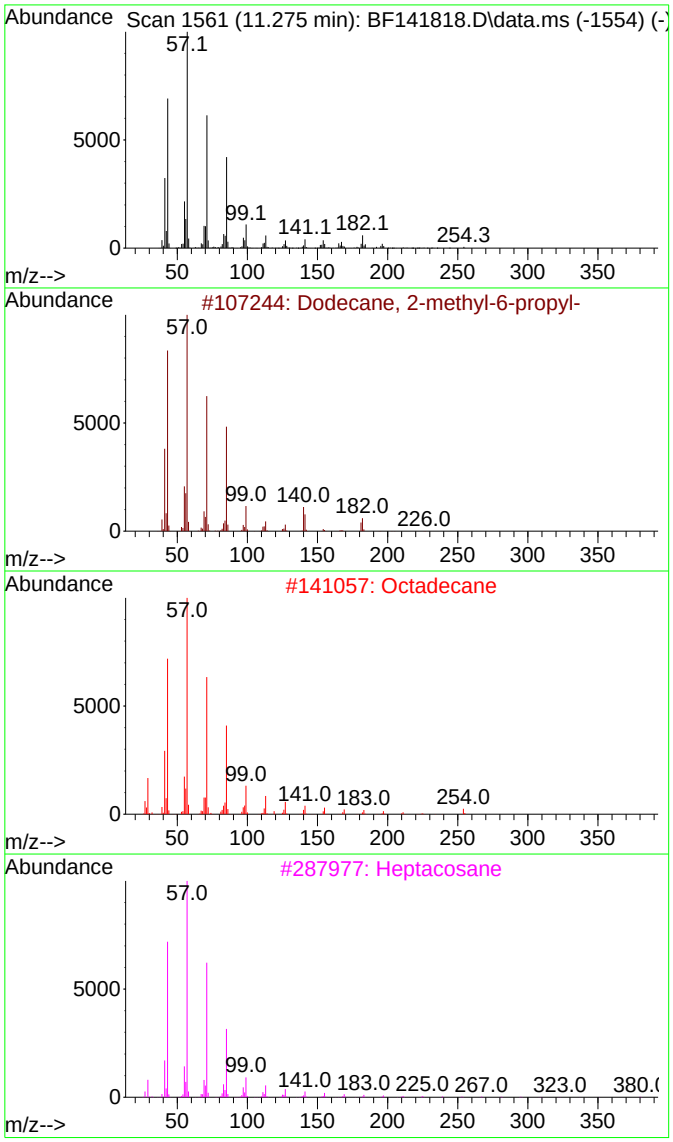
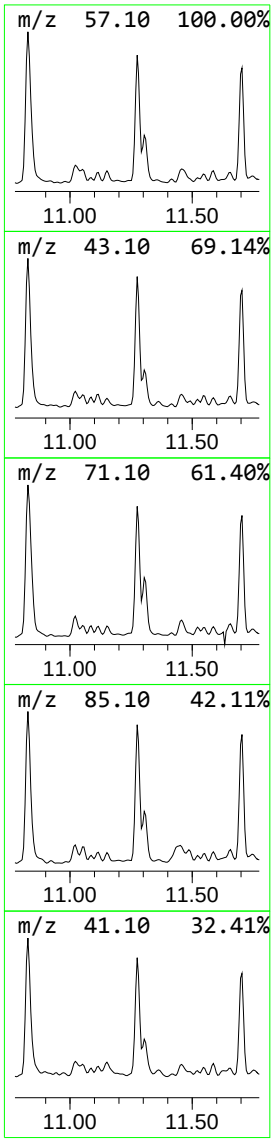
Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	3.21 ng	1374050	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
5	Nonadecane	268	C19H40	000629-92-5	83





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ALS Vial : 9 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

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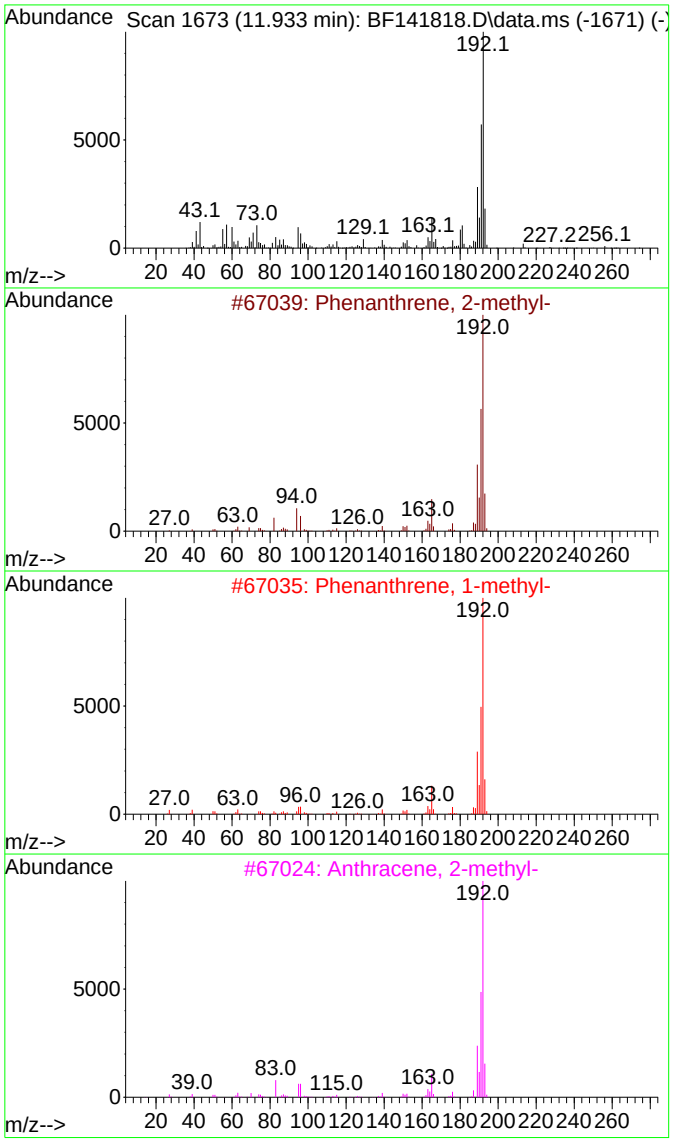
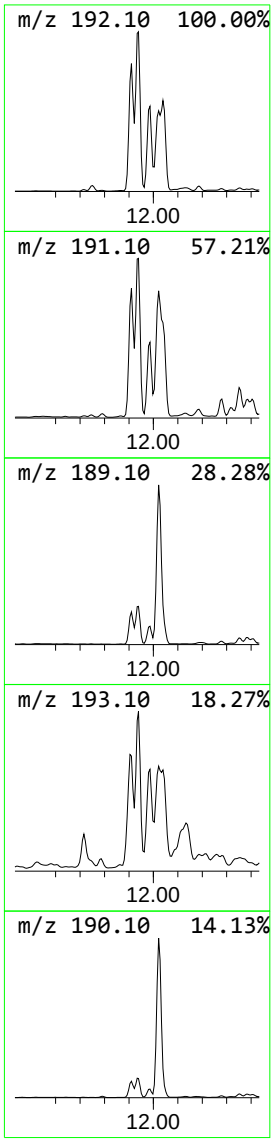
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	3.01 ng	1288780	Phenanthrene-d10	11.410

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	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	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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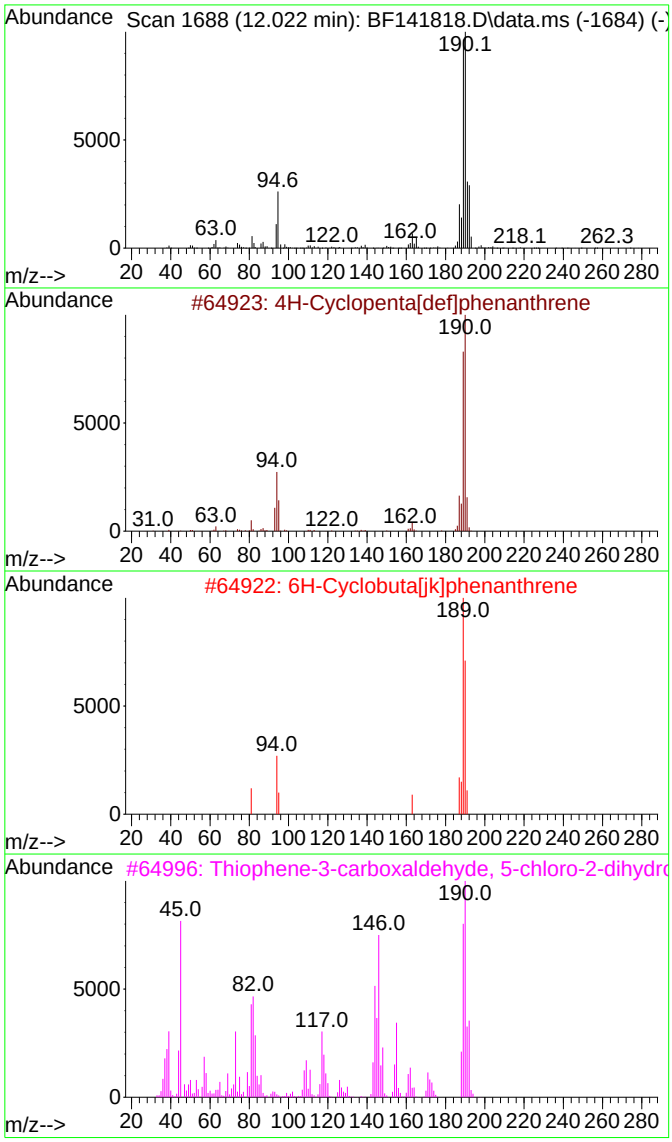
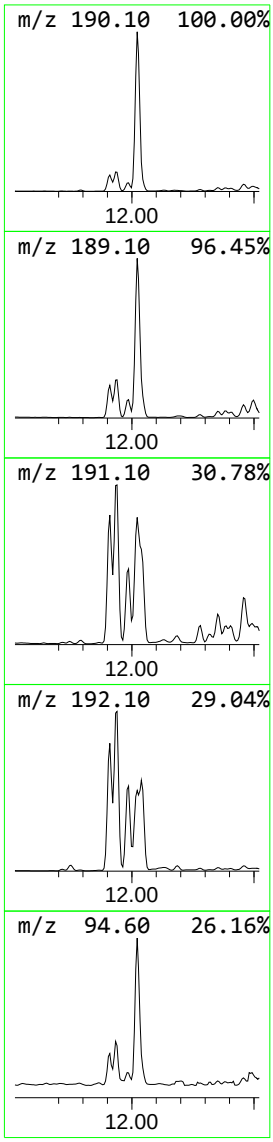
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	5.21 ng	2230390	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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TIC Library : C:\Database\NIST20.L
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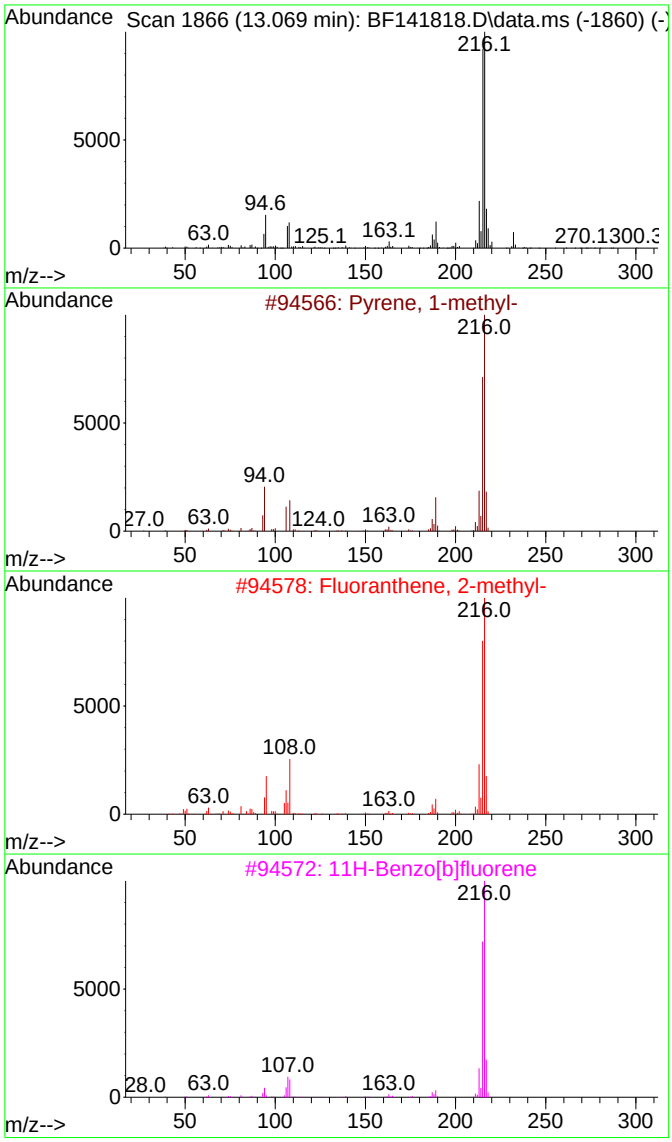
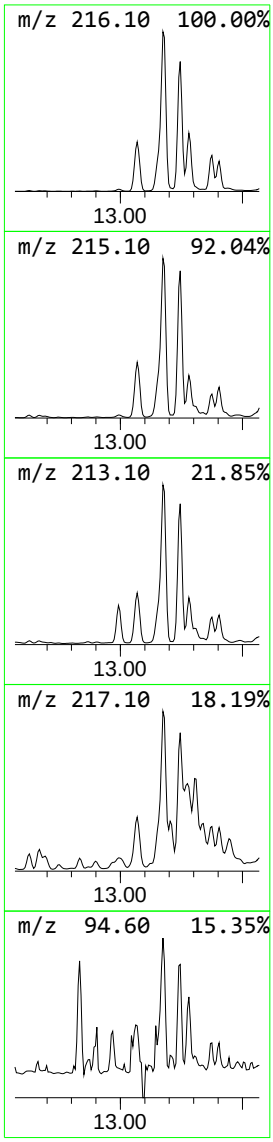
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	2.89 ng	832960	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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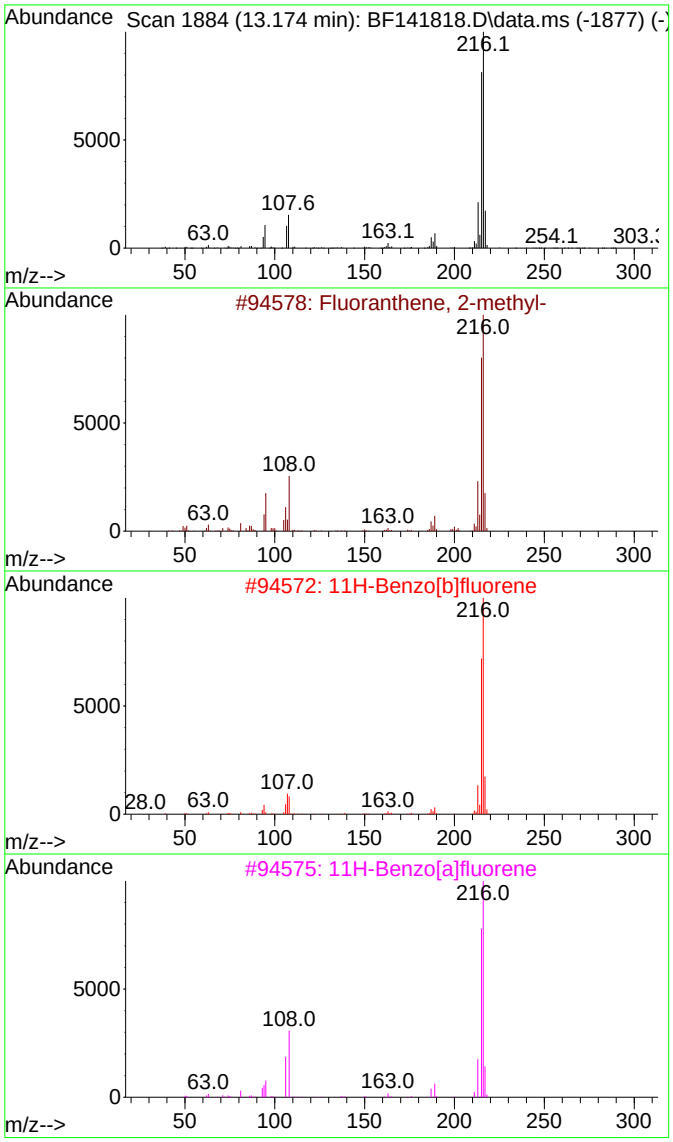
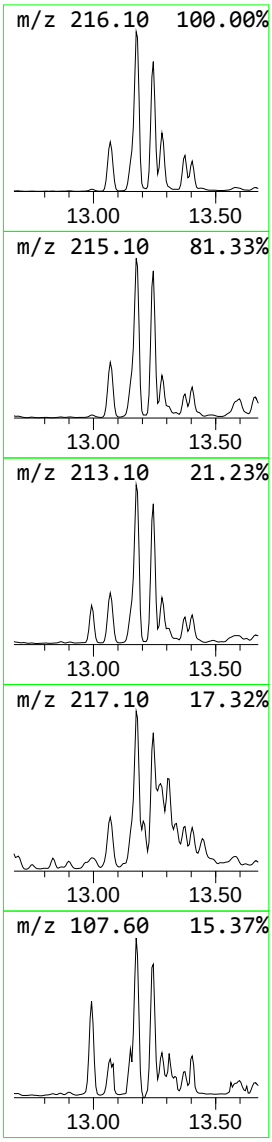
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	5.89 ng	1697240	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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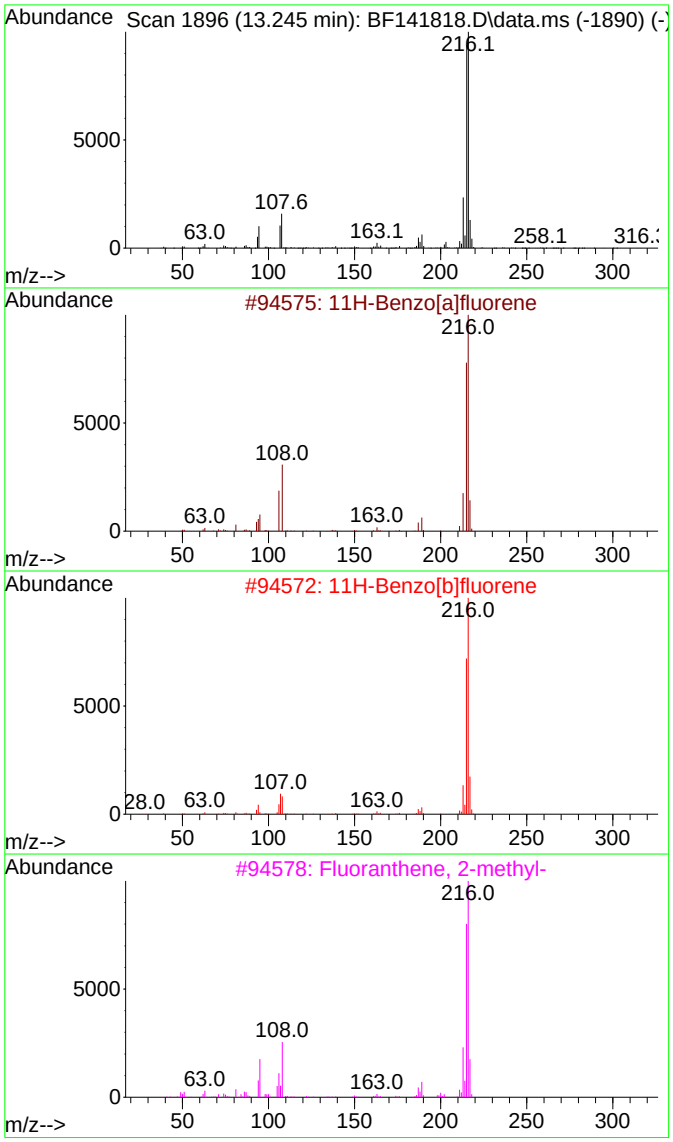
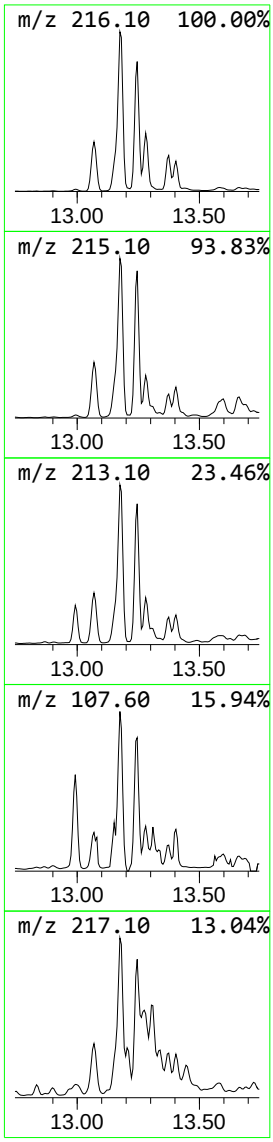
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	4.80 ng	1381970	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	4-Trifluoromethylcinnamic acid	216	C10H7F3O2	002062-26-2	53
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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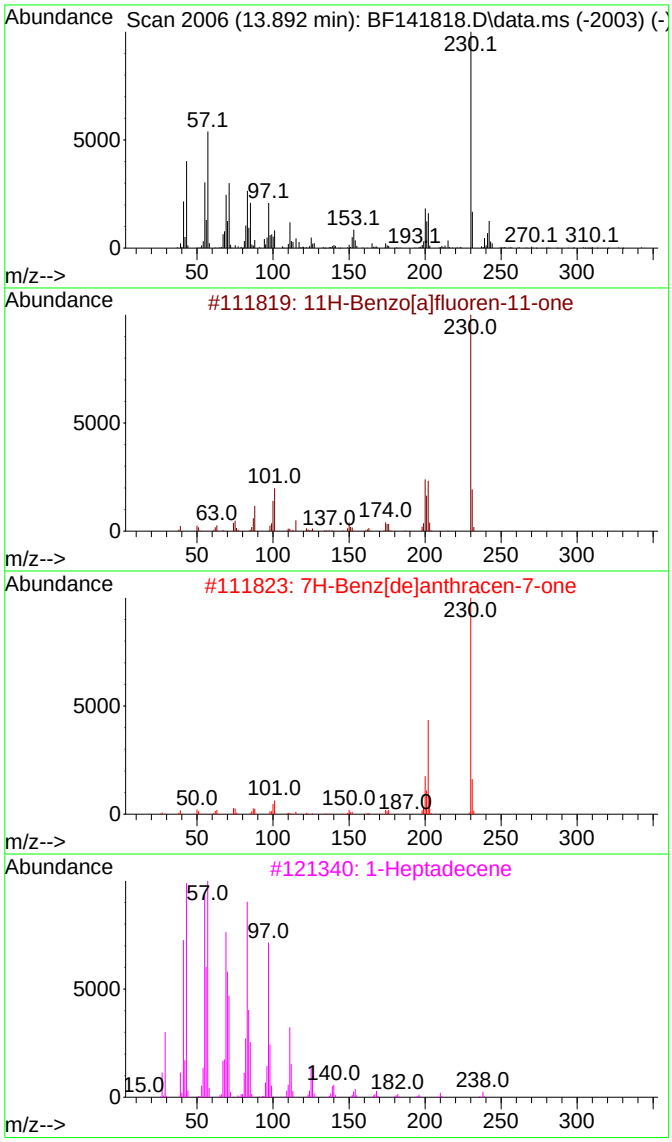
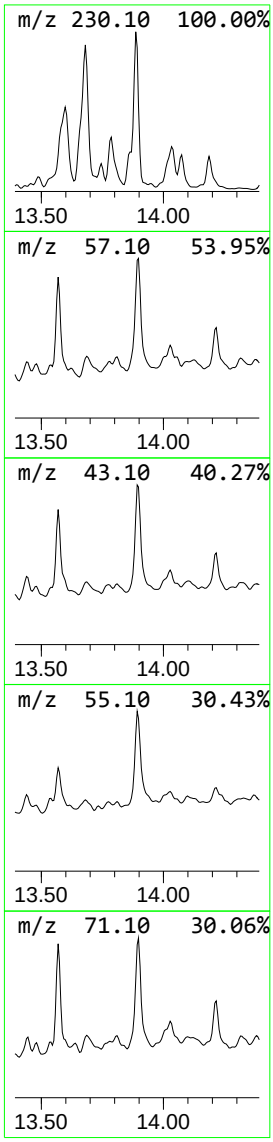
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.70 ng	777169	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	60
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
3	1-Heptadecene	238	C17H34	006765-39-5	53
4	Propionic acid, 3-iodo-, hexadec...	424	C19H37IO2	1000406-24-7	38
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141818.D
Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.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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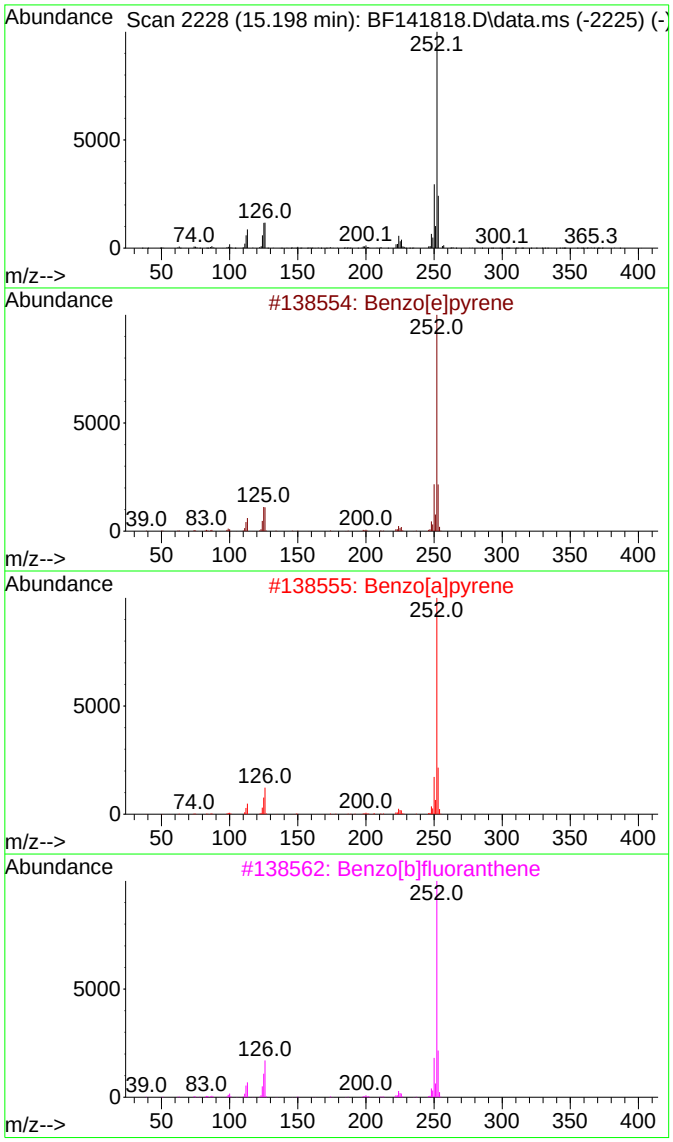
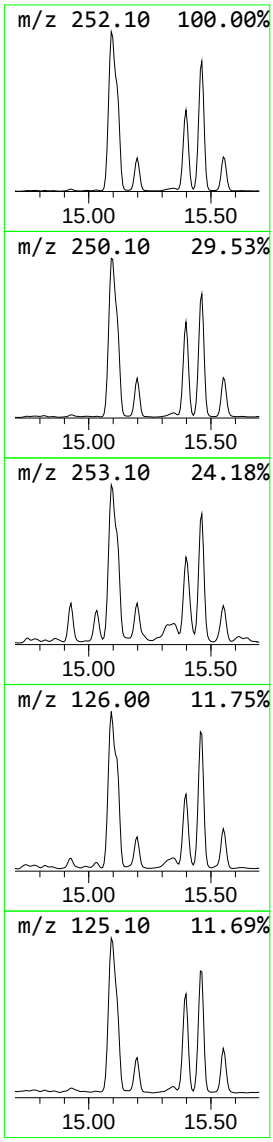
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	11.12 ng	579324	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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Data File : BF141818.D
Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.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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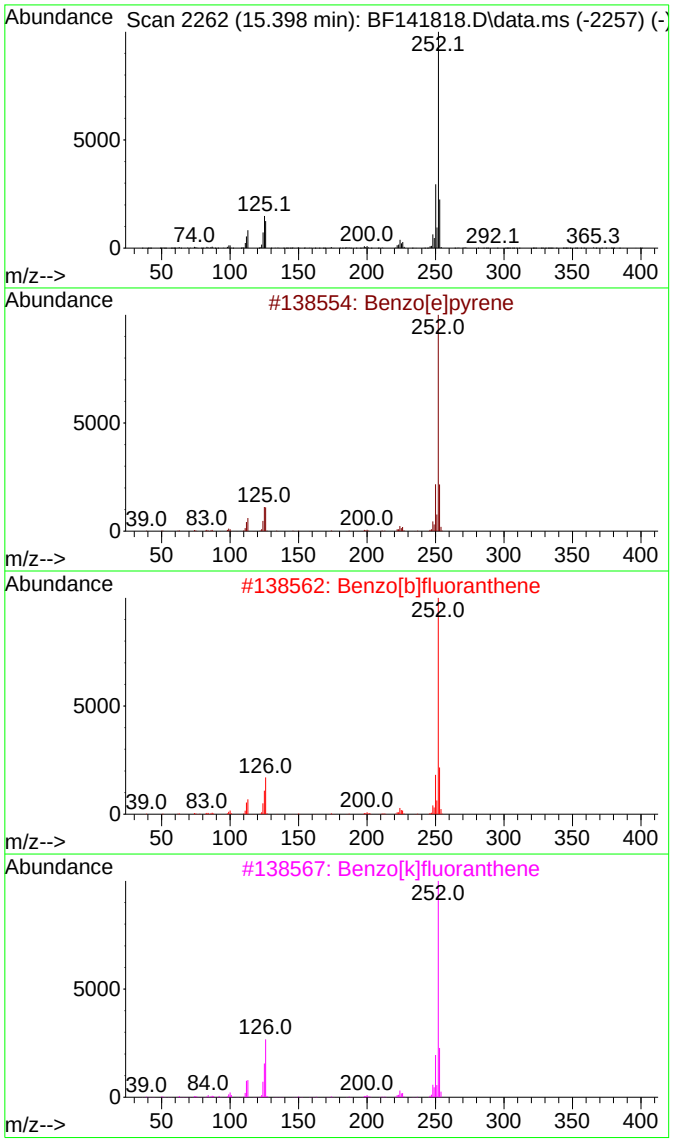
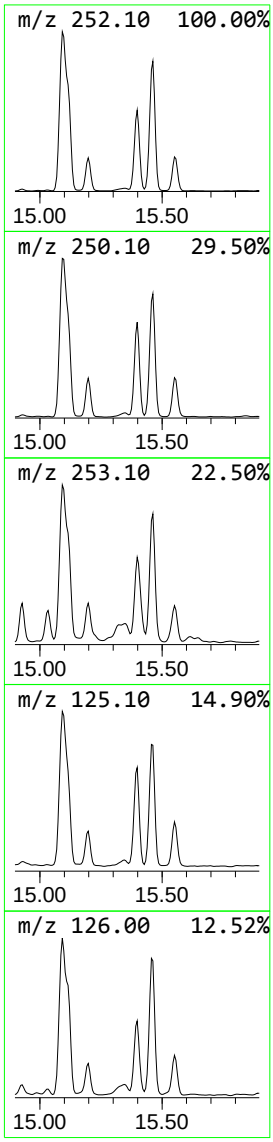
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	31.18 ng	1624780	Perylene-d12	15.521

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
Data File : BF141818.D
Acq On : 03 Mar 2025 17:47
Operator : RC/JU
Sample : Q1475-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-02282025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.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-...	5.087	6.5	ng	241077	1	6.887	747094	20.0
Tridecane	8.757	3.7	ng	248167	2	8.169	1346230	20.0
Tetradecane	9.322	8.2	ng	576773	3	9.922	1410980	20.0
Naphthalene, 2,...	9.504	2.7	ng	190628	3	9.922	1410980	20.0
Naphthalene, 2,...	9.581	5.1	ng	357369	3	9.922	1410980	20.0
1-Nonene, 4,6,8...	9.639	4.6	ng	325092	3	9.922	1410980	20.0
Hexadecane	9.851	10.2	ng	721508	3	9.922	1410980	20.0
Pentadecane, 7-...	10.351	14.6	ng	1032850	3	9.922	1410980	20.0
Dodecane, 1-iodo-	10.575	6.0	ng	421742	3	9.922	1410980	20.0
Benzophenone	10.633	10.5	ng	742353	3	9.922	1410980	20.0
Heptadecane	10.828	3.4	ng	1447310	4	11.410	8562880	20.0
Dodecane, 2-met...	11.275	3.2	ng	1374050	4	11.410	8562880	20.0
Phenanthrene, 2...	11.933	3.0	ng	1288780	4	11.410	8562880	20.0
4H-Cyclopenta[d...	12.022	5.2	ng	2230390	4	11.410	8562880	20.0
Pyrene, 1-methyl-	13.069	2.9	ng	832960	5	14.051	5758390	20.0
Fluoranthene, 2...	13.174	5.9	ng	1697240	5	14.051	5758390	20.0
11H-Benzo[a]flu...	13.245	4.8	ng	1381970	5	14.051	5758390	20.0
11H-Benzo[a]flu...	13.892	2.7	ng	777169	5	14.051	5758390	20.0
Benzo[e]pyrene	15.198	11.1	ng	579324	6	15.521	1042320	20.0
Perylene	15.398	31.2	ng	1624780	6	15.521	1042320	20.0