LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139391.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	16	rVB	268136	413320	17.62%	1.719%
2	5.081	503	508	522	rVB	26107	35544	1.52%	0.148%
3	5.493	572	578	592	rVB	424201	563782	24.04%	2.345%
4	6.504	745	750	762	rVB	435669	572628	24.42%	2.382%
5	6.704	778	784	788	rBV	17527	23510	1.00%	0.098%
6	6.881	809	814	819	rVB	307061	372323	15.88%	1.549%
7	7.440	899	909	913	rBV	265566	344545	14.69%	1.433%
8	8.163	1018	1032	1038	rBV	335378	480838	20.50%	2.000%
9	8.469	1075	1084	1088	rBV3	27950	63547	2.71%	0.264%
10	8.575	1099	1102	1105	rBV	20556	24787	1.06%	0.103%
11	8.663	1113	1117	1121	rBV2	27307	35403	1.51%	0.147%
12	8.745	1127	1131	1135	rBV	77233	100051	4.27%	0.416%
13	8.875	1150	1153	1156	rVB	37650	42805	1.83%	0.178%
14	8.975	1166	1170	1175	rBV3	54679	85914	3.66%	0.357%
15	9.110	1189	1193	1197	rVB2	32778	48727	2.08%	0.203%
16	9.175	1201	1204	1210	rVV3	53274	76529	3.26%	0.318%
17	9.234	1210	1214	1218	rVB	456466	541555	23.09%	2.253%
18	9.310	1223	1227	1233	rBV	216924	304346	12.98%	1.266%
19	9.386	1236	1240	1243	rVB	36906	49939	2.13%	0.208%
20	9.498	1255	1259	1264	rVB4	40844	65063	2.77%	0.271%
21	9.569	1264	1271	1273	rBV6	71752	138627	5.91%	0.577%
22	9.628	1277	1281	1284	rBV3	113181	166265	7.09%	0.692%
23	9.692	1289	1292	1295	rVB2	57264	66068	2.82%	0.275%
24	9.781	1303	1307	1310	rBV5	29591	50599	2.16%	0.210%
25	9.839	1313	1317	1322	rVV	344387	452096	19.28%	1.880%
26	9.910	1322	1329	1333	rVV	300189	466487	19.89%	1.940%
27	9.945	1333	1335	1339	rVB	159551	166858	7.11%	0.694%
28	10.075	1353	1357	1359	rBV2	64498	98823	4.21%	0.411%
29	10.163	1368	1372	1376	rBV4	80871	109034	4.65%	0.454%
30	10.233	1381	1384	1390	rBV6	31775	72106	3.07%	0.300%
31	10.339	1397	1402	1406	rBV	466511	608287	25.94%	2.530%
32	10.457	1418	1422	1429	rBV	151094	250859	10.70%	1.043%
33	10.563	1435	1440	1445	rVB	169452	267986	11.43%	1.115%
34	10.616	1446	1449	1452	rBV3	53012	57226	2.44%	0.238%
35	10.698	1457	1463	1467	rBV2	244383	347051	14.80%	1.444%
36	10.816	1479	1483	1492	rVB	611262	975670	41.60%	4.058%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.004	1512	1515	1518	rBV	64114	92460	3.94%	0.385%
38	11.263	1554	1559	1562	rBV	482187	633492	27.01%	2.635%
39	11.292	1562	1564	1570	rVB	226765	275278	11.74%	1.145%
40	11.398	1578	1582	1583	rBV	292482	309184	13.18%	1.286%
41	11.427	1583	1587	1591	rVV	881201	1192847	50.86%	4.962%
42	11.475	1591	1595	1599	rVB	252206	307179	13.10%	1.278%
43	11.569	1609	1611	1615	rVB	33447	36511	1.56%	0.152%
44	11.627	1615	1621	1627	rBV3	88817	191743	8.18%	0.798%
45	11.686	1627	1631	1636	rBV	400276	507588	21.64%	2.111%
46	11.786	1644	1648	1655	rVB	217172	276852	11.80%	1.152%
47	11.851	1656	1659	1663	rVV2	40721	66720	2.84%	0.278%
48	11.898	1664	1667	1668	rVV	85963	94325	4.02%	0.392%
49	11.927	1668	1672	1677	rVV2	266995	407925	17.39%	1.697%
50	11.980	1678	1681	1683	rVV2	59492	84311	3.59%	0.351%
51	12.016	1683	1687	1694	rVB2	219834	379670	16.19%	1.579%
52	12.098	1696	1701	1705	rBV	321340	396072	16.89%	1.647%
53	12.192	1714	1717	1720	rBV	53337	74359	3.17%	0.309%
54	12.374	1746	1748	1756	rVB2	45397	72686	3.10%	0.302%
55	12.445	1757	1760	1761	rBV	46072	47625	2.03%	0.198%
56	12.492	1761	1768	1773	rVV3	590588	1248450	53.23%	5.193%
57	12.580	1780	1783	1785	rBV	81496	104025	4.44%	0.433%
58	12.616	1785	1789	1801	rVB	1467070	2345255	100.00%	9.755%
59	12.704	1802	1804	1810	rVB	41306	55200	2.35%	0.230%
60	12.845	1821	1828	1833	rBV	1157275	1836788	78.32%	7.640%
61	12.980	1844	1851	1858	rVB2	341170	533267	22.74%	2.218%
62	13.057	1860	1864	1867	rBV2	61852	101556	4.33%	0.422%
63	13.163	1879	1882	1886	rVB	142674	197861	8.44%	0.823%
64	13.210	1887	1890	1892	rBV	91250	122025	5.20%	0.508%
65	13.233	1892	1894	1897	rVB	110807	107120	4.57%	0.446%
66	13.269	1897	1900	1903	rBV2	53647	67998	2.90%	0.283%
67	13.551	1945	1948	1953	rBV	57343	89053	3.80%	0.370%
68	13.786	1985	1988	1990	rBV2	50557	60081	2.56%	0.250%
69	13.880	2001	2004	2011	rVB2	86039	116829	4.98%	0.486%
70	14.027	2024	2029	2033	rBV2	536424	933720	39.81%	3.884%
71	14.063	2033	2035	2042	rVB	387889	455148	19.41%	1.893%
72	14.145	2046	2049	2052	rVB	77307	91148	3.89%	0.379%
73	15.080	2203	2208	2217	rBV	338174	789185	33.65%	3.283%
74	15.386	2256	2260	2265	rVB	174715	274543	11.71%	1.142%
75	15.445	2266	2270	2276	rBV	257935	405930	17.31%	1.688%
76	15.510	2278	2281	2284	rBV	85462	120439	5.14%	0.501%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

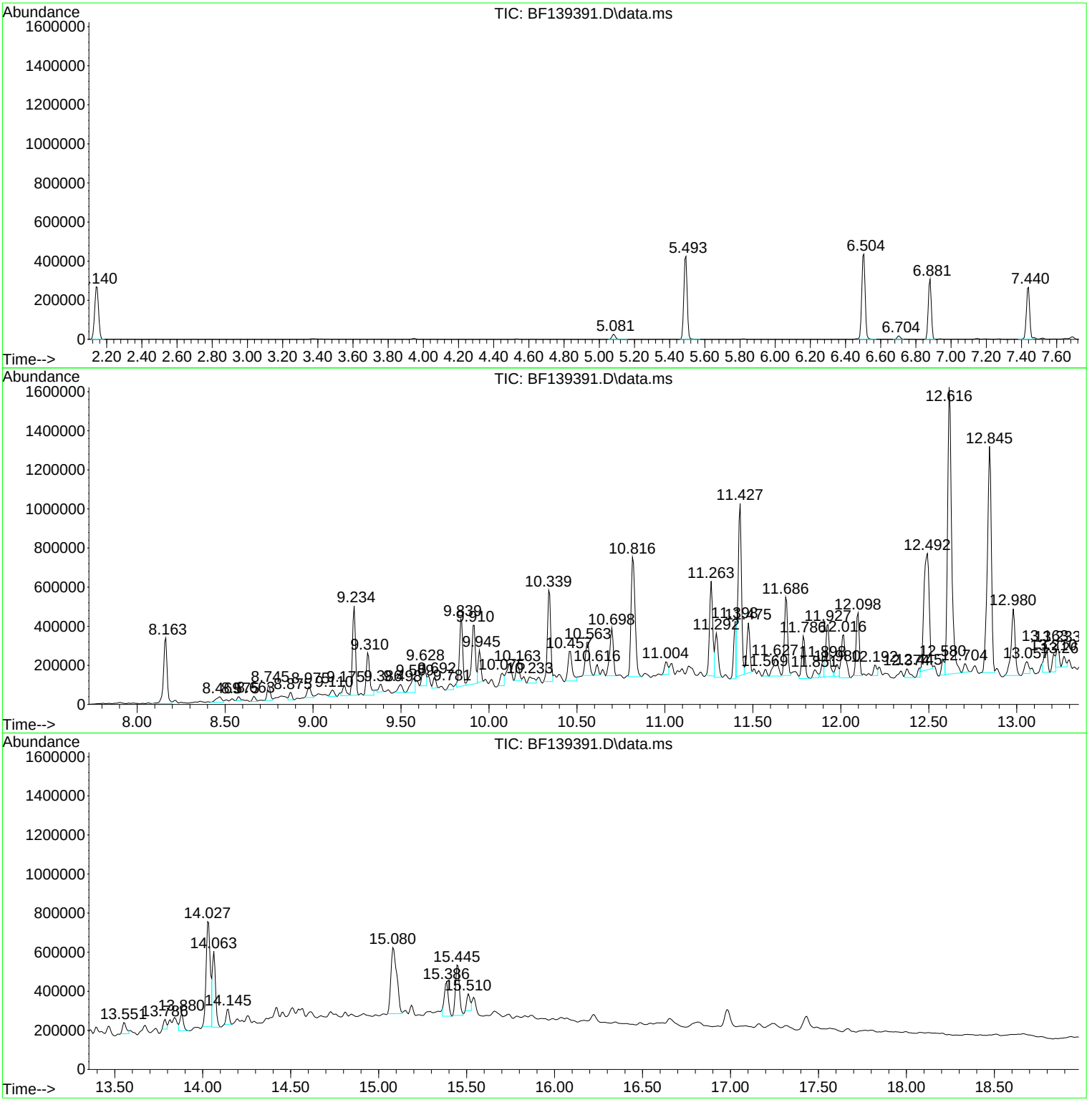
Sum of corrected areas: 24041646

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

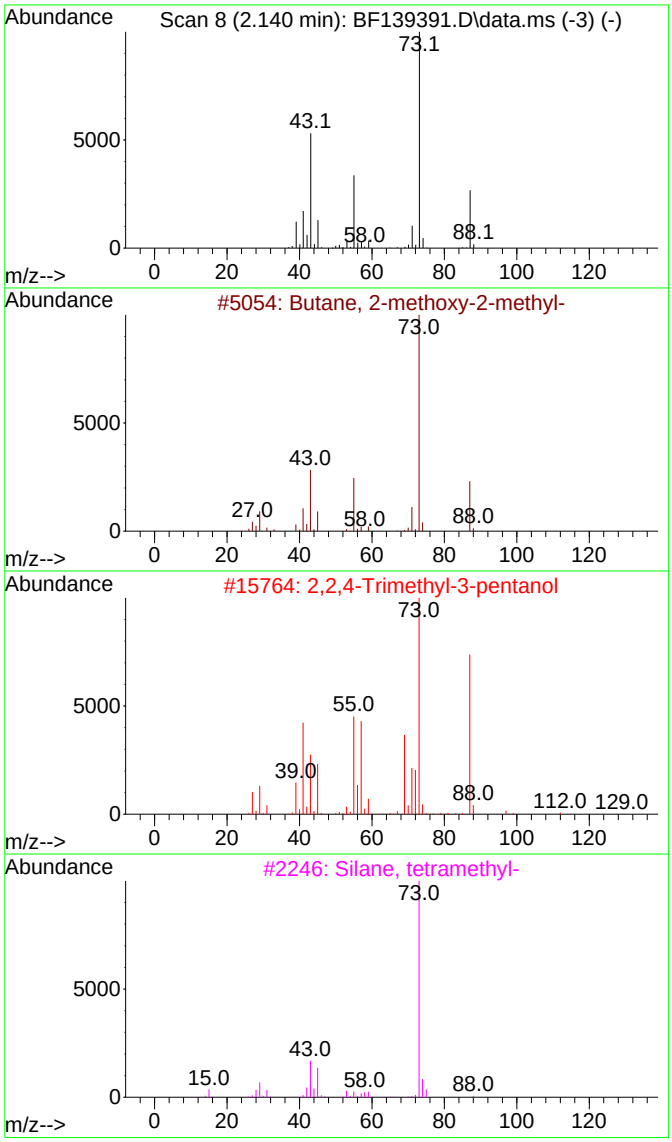
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

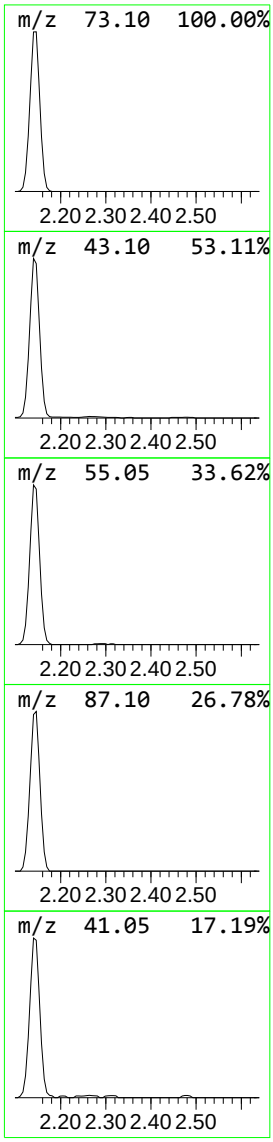
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	22.20 ng	413320	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	2-OXOPROPIONAMIDE	87	C3H5NO2	000631-66-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

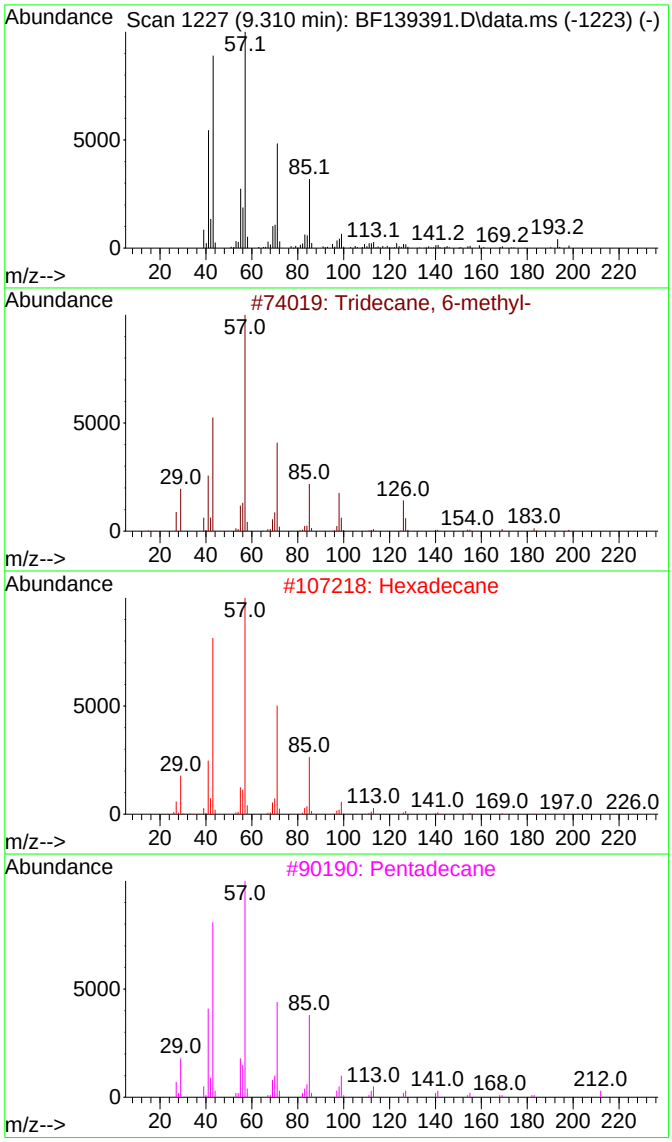
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

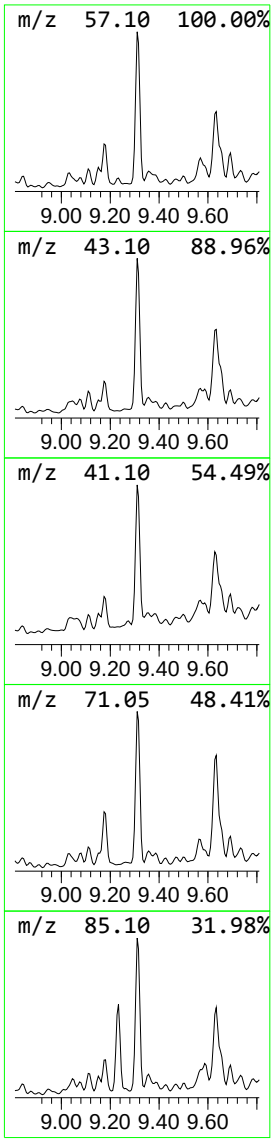
****

Peak Number 2 Tridecane, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	13.05 ng	304346	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Dodecane	170	C12H26	000112-40-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

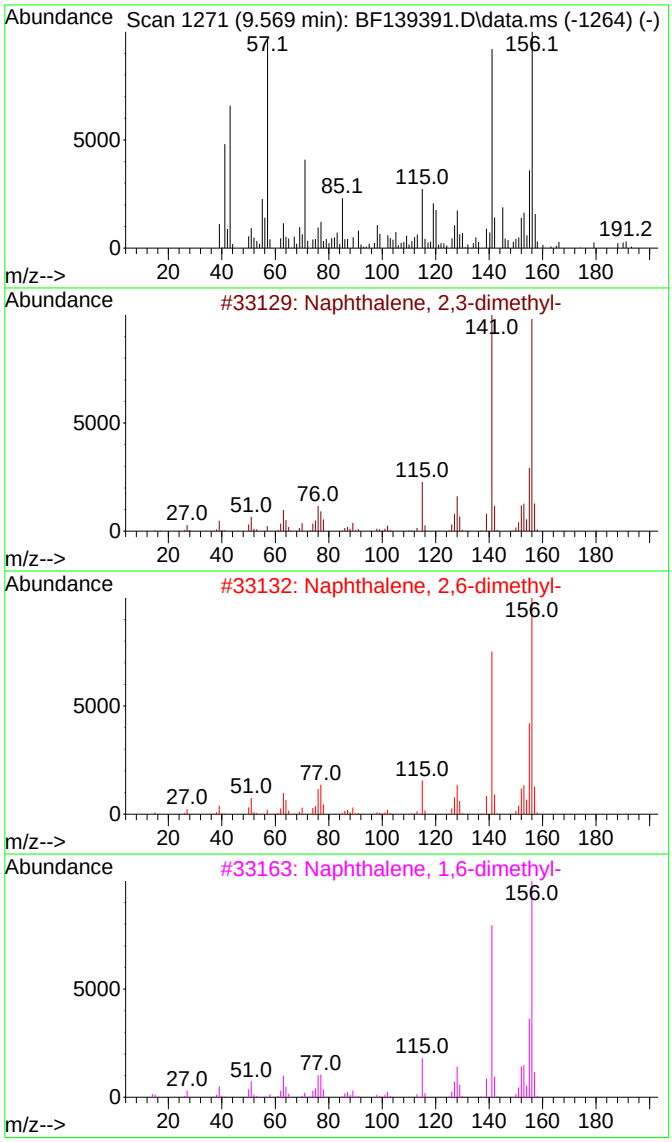
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

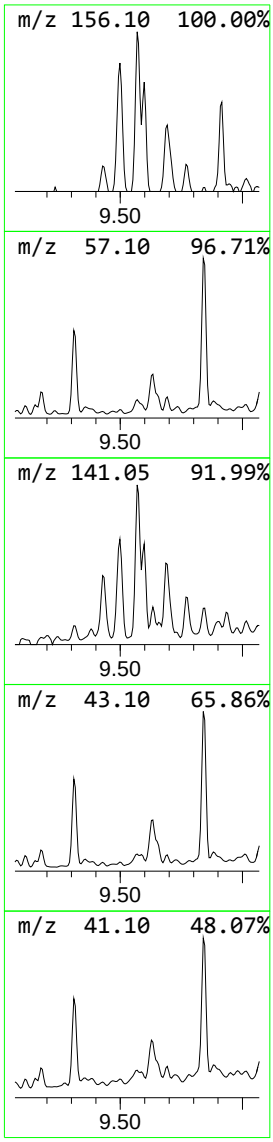
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	5.94 ng	138627	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
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Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

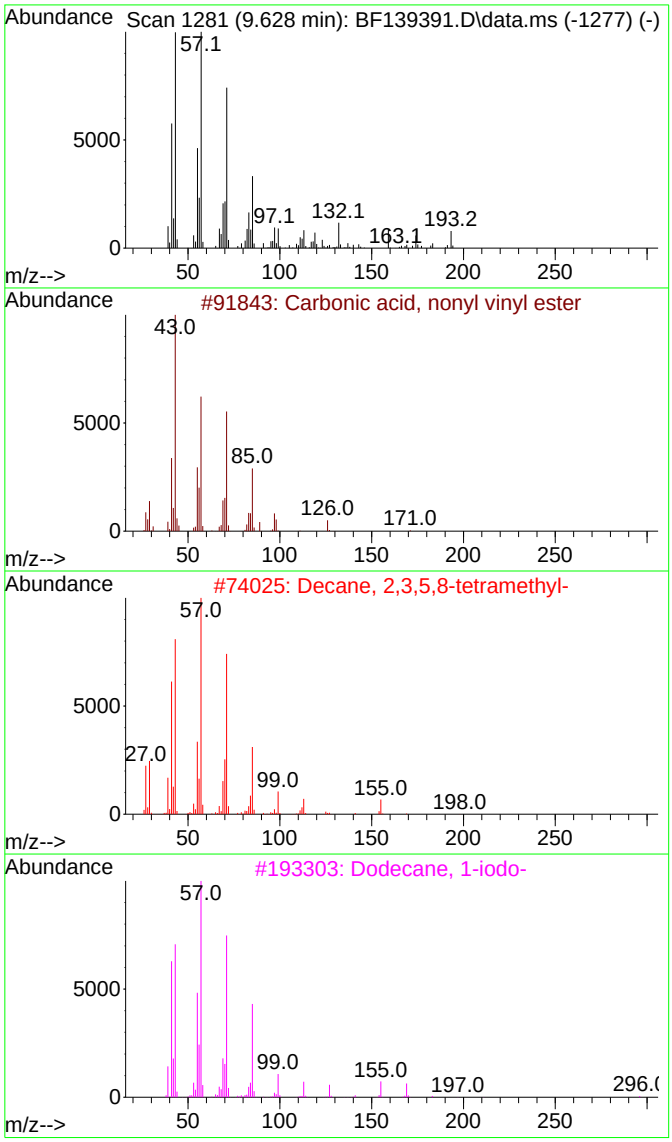
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

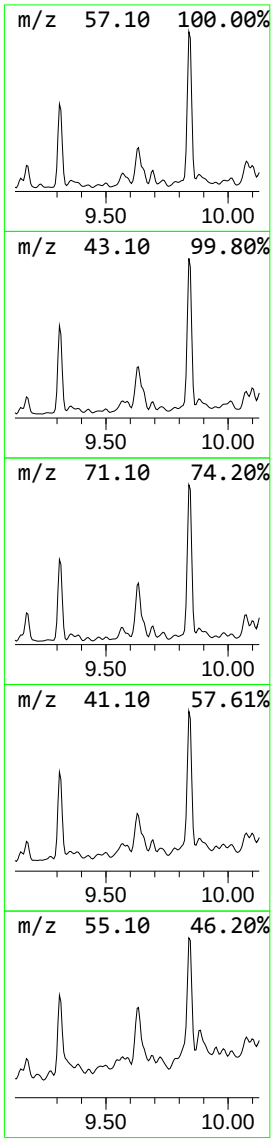
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Carbonic acid, nonyl vinyl ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	7.13 ng	166265	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	72
2	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

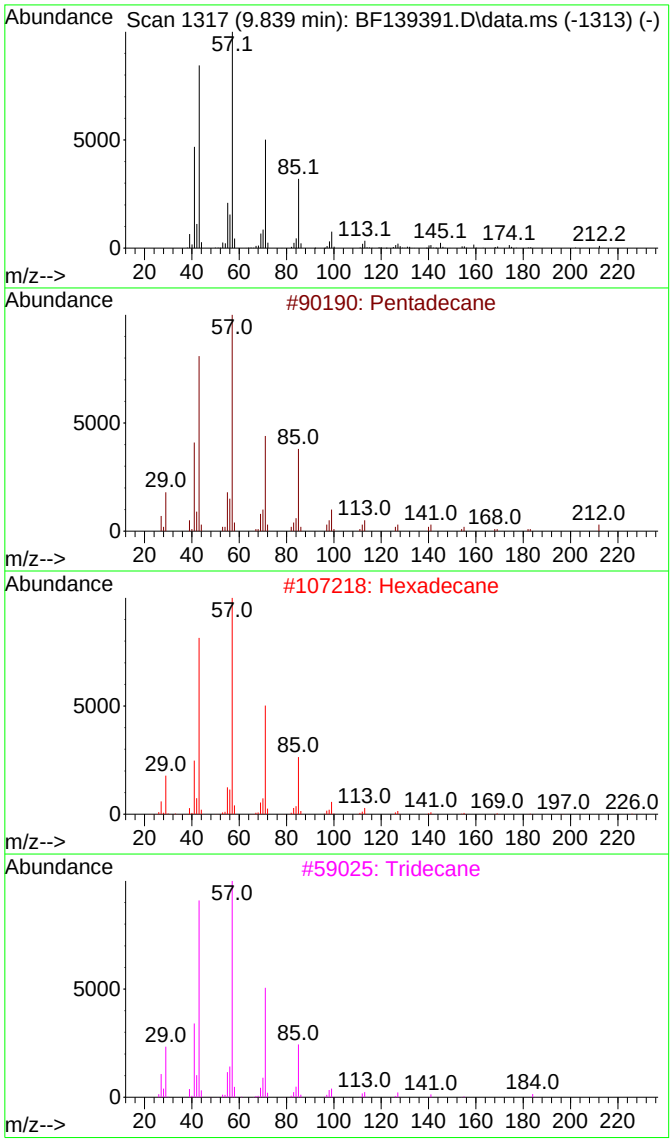
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

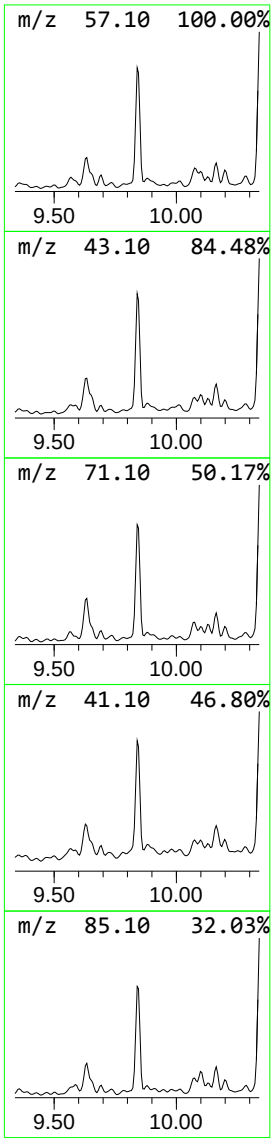
****

Peak Number 5 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	19.38 ng	452096	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Nonadecane	268	C19H40	000629-92-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

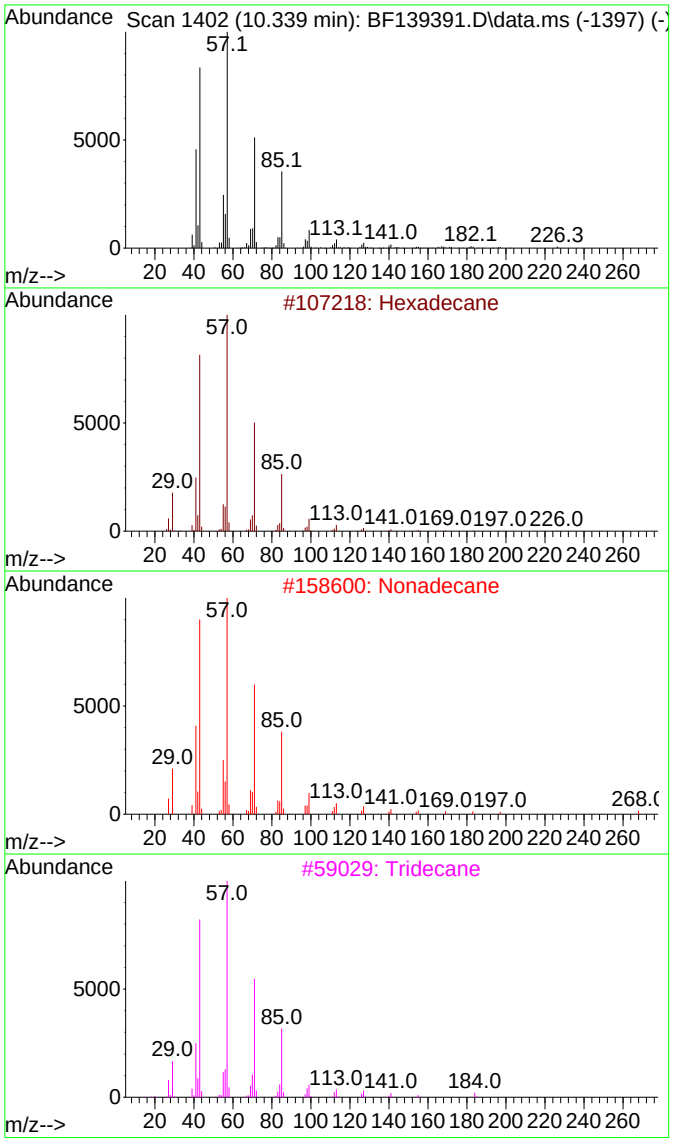
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

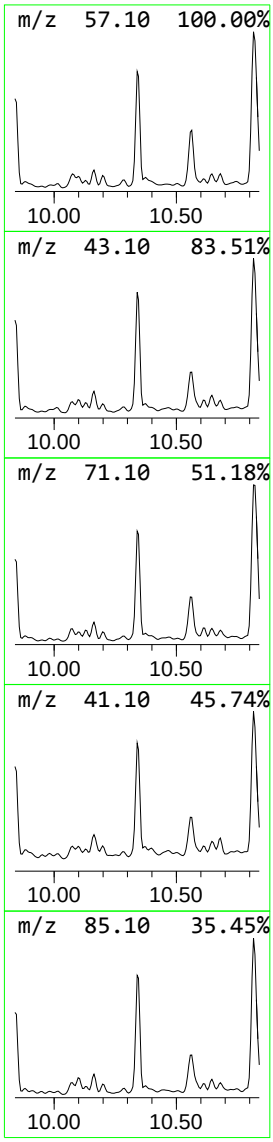
****

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	26.08 ng	608287	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

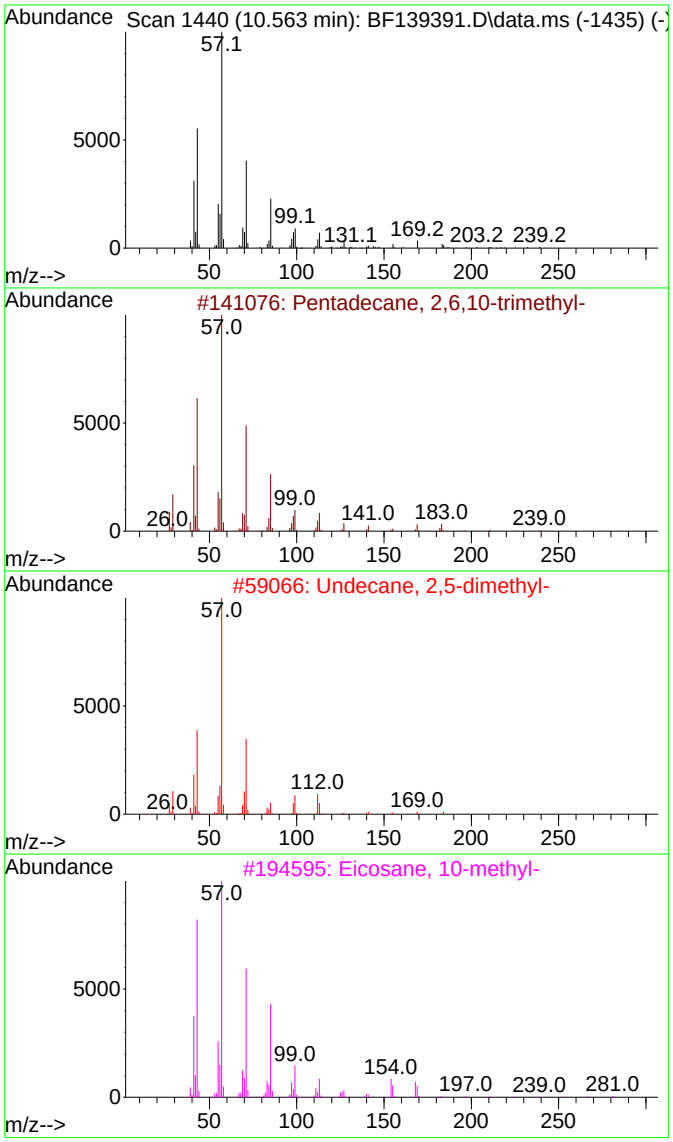
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

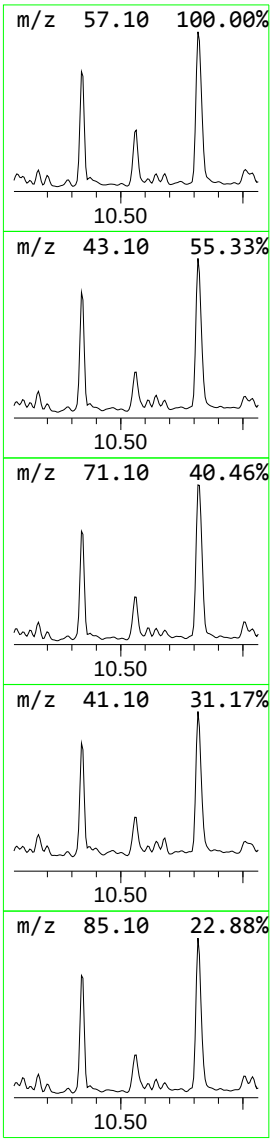
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.563	11.49 ng	267986	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





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Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

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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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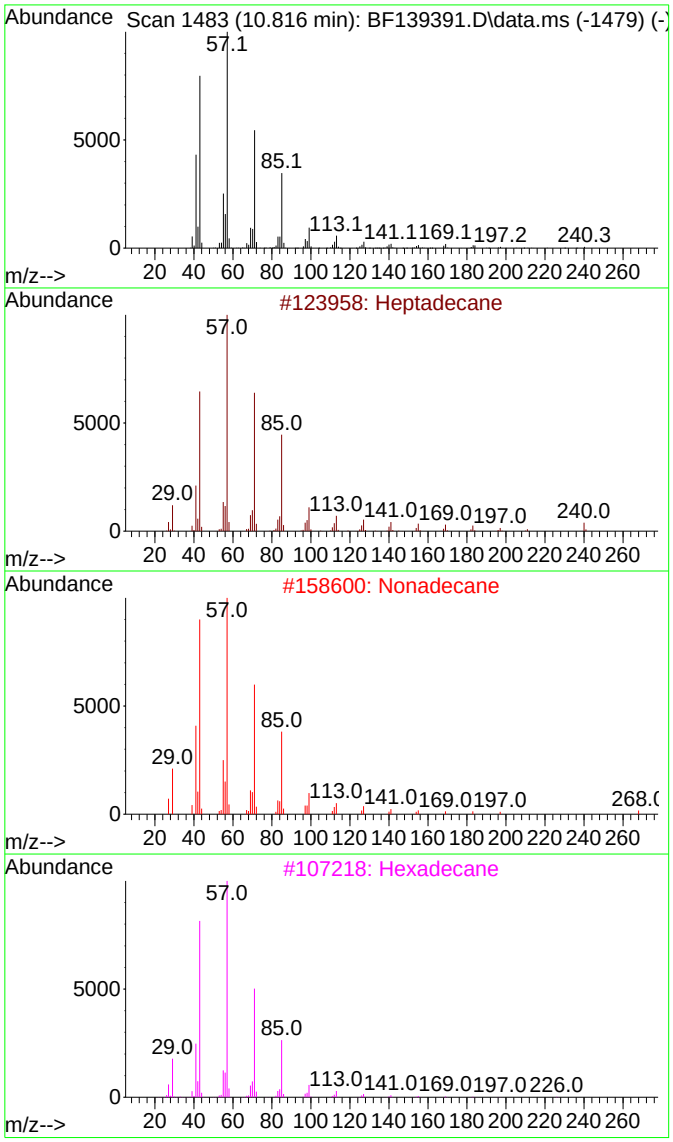
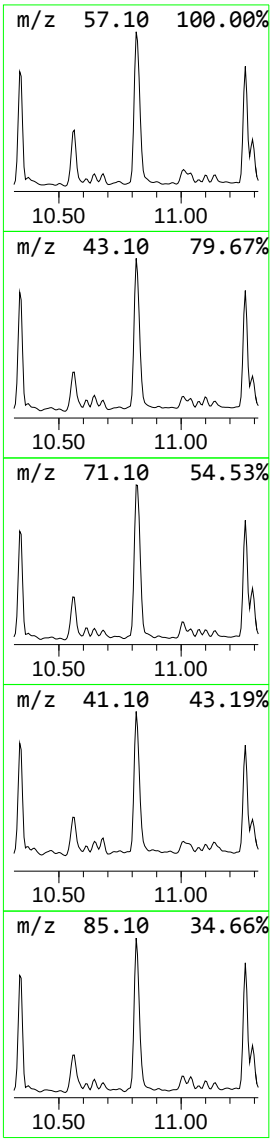
Peak Number 8 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	63.11 ng	975670	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heneicosane	296	C21H44	000629-94-7	90





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Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-02-091224

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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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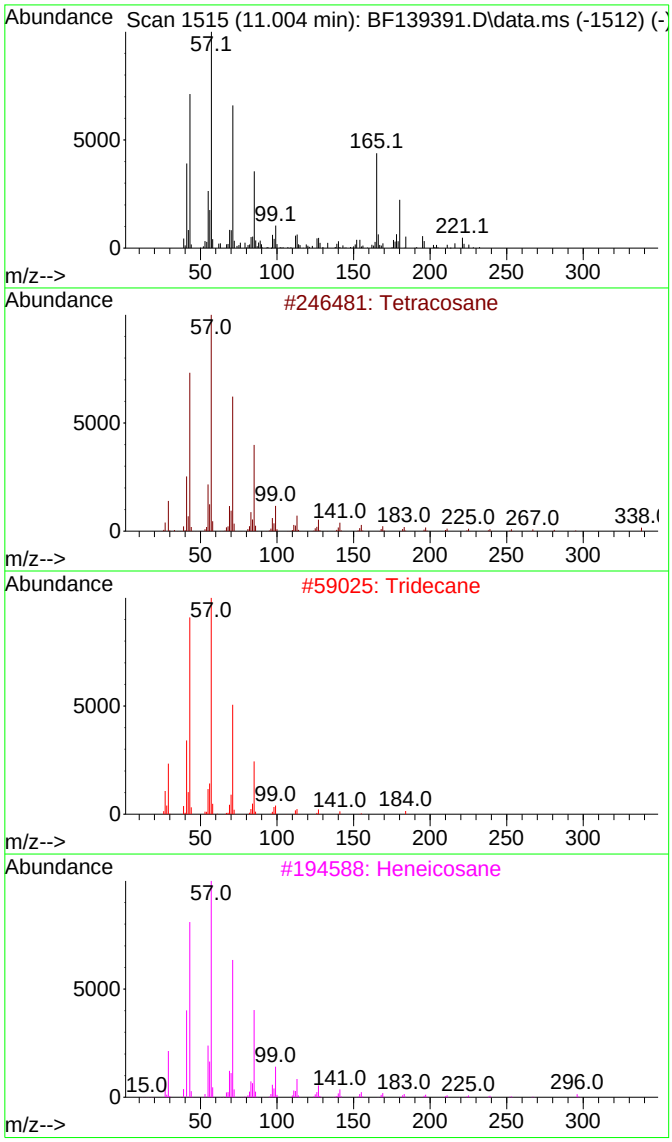
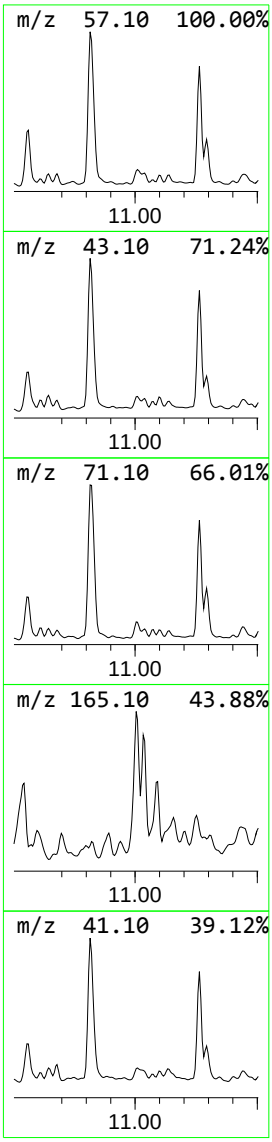
Peak Number 9 unknown11.004 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	5.98 ng	92460	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	49
2	Tridecane	184	C13H28	000629-50-5	49
3	Heneicosane	296	C21H44	000629-94-7	49
4	Nonadecane	268	C19H40	000629-92-5	46
5	Docosane	310	C22H46	000629-97-0	46





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Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

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

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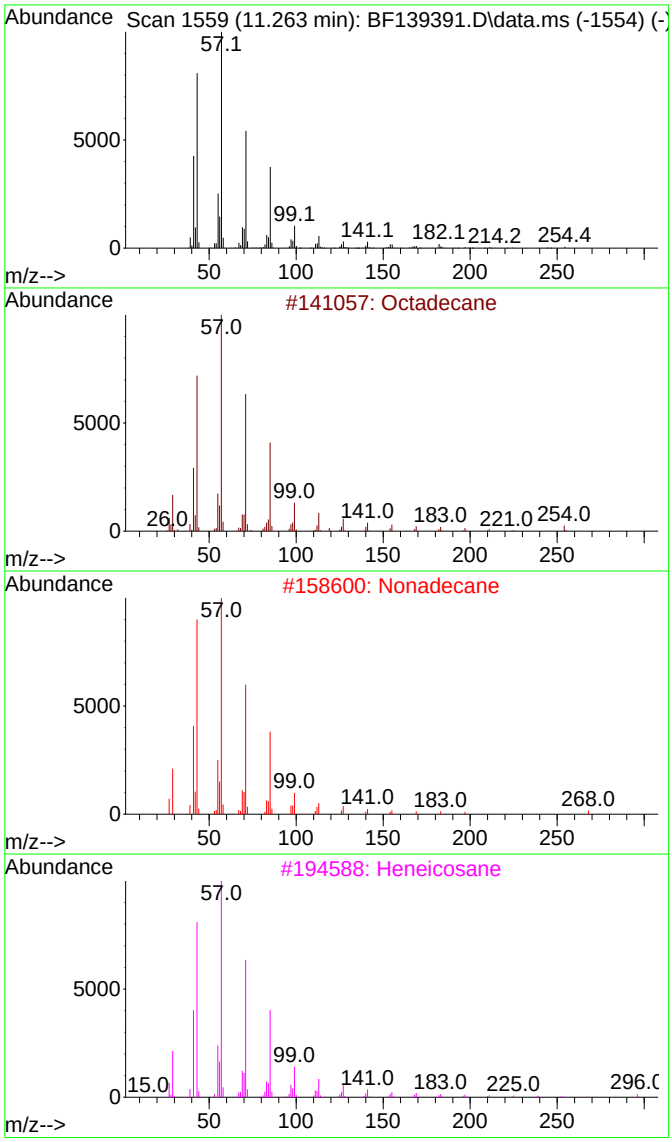
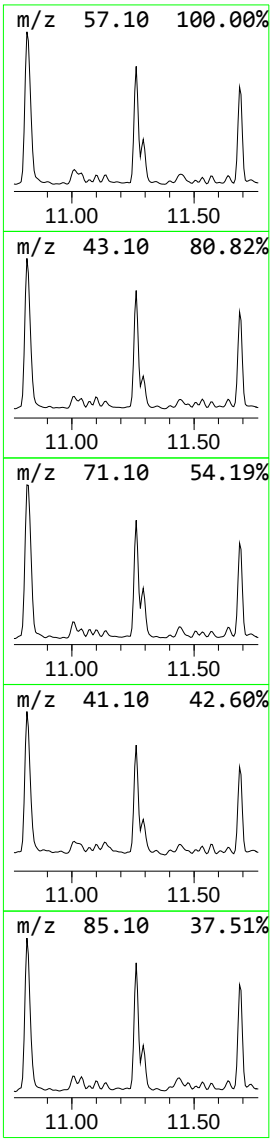
Peak Number 10 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	40.98 ng	633492	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Eicosane	282	C20H42	000112-95-8	90





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Misc :
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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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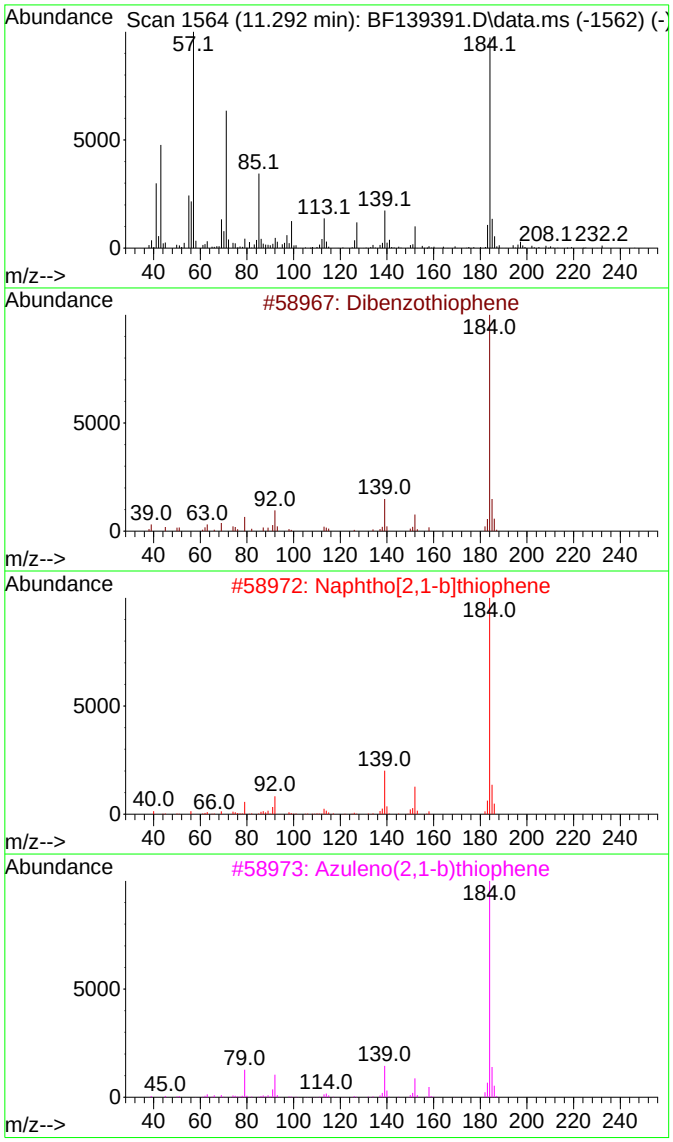
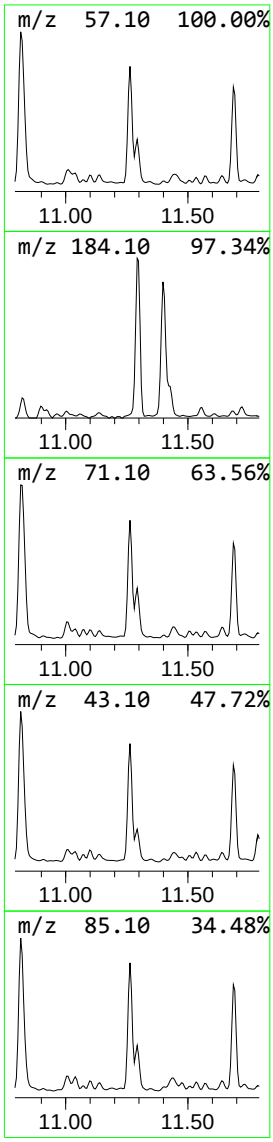
Peak Number 11 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	17.81 ng	275278	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	78
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	53
4	Benzidine	184	C12H12N2	000092-87-5	38
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38





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Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

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

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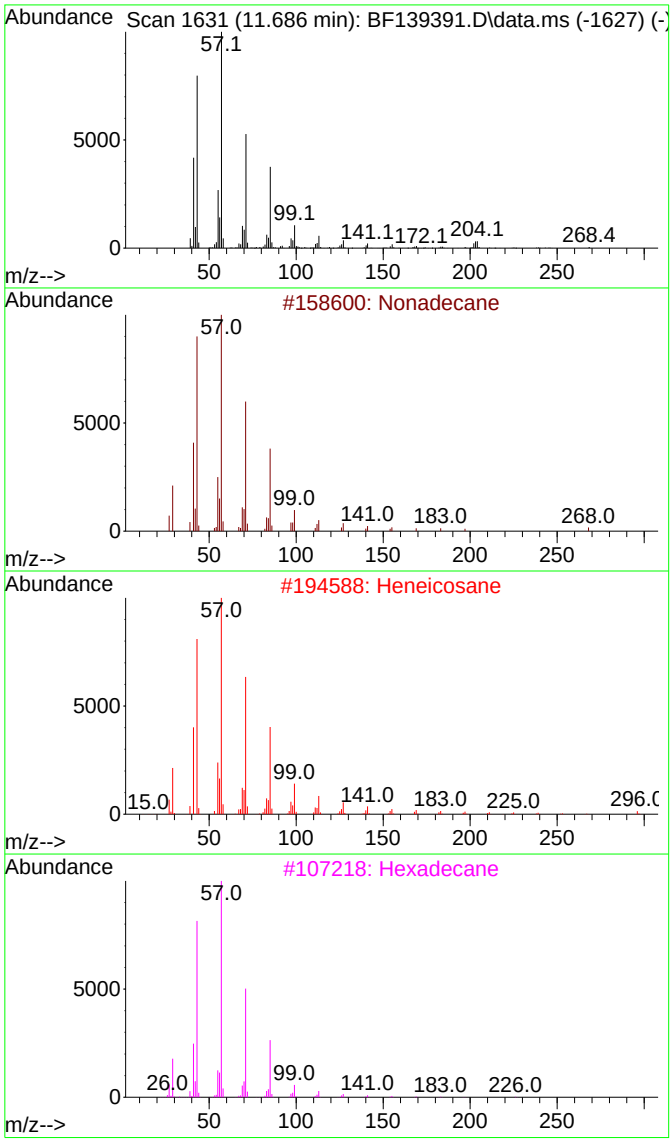
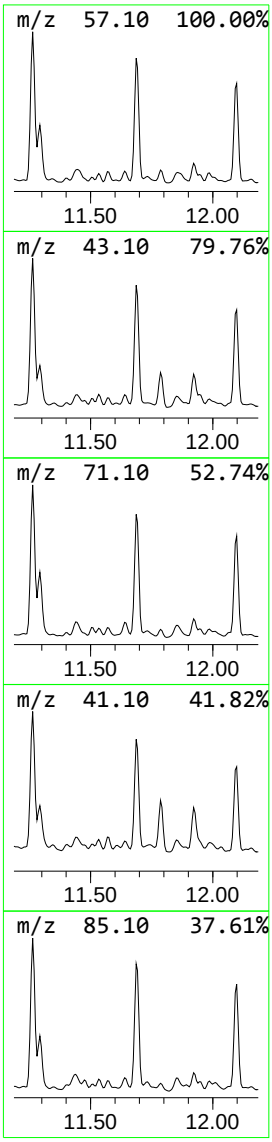
Peak Number 12 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	32.83 ng	507588	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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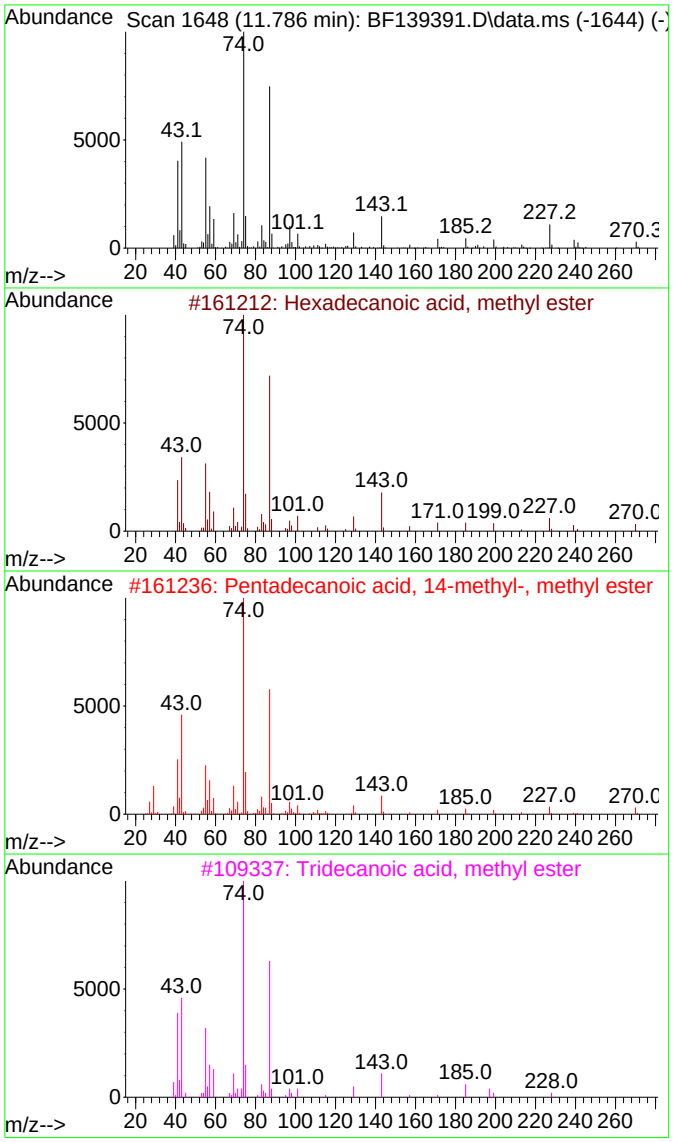
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

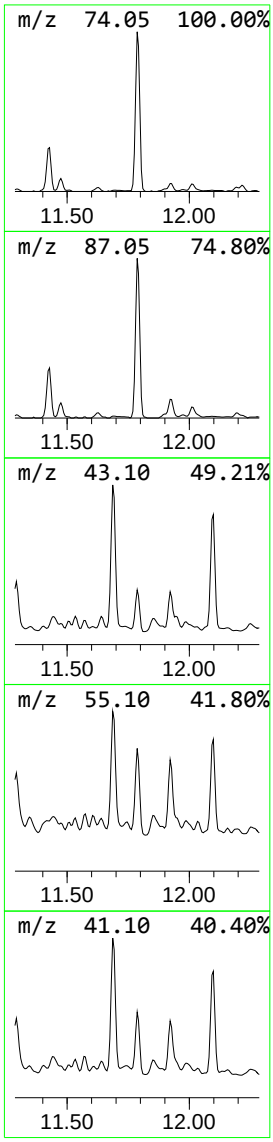
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	17.91 ng	276852	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	90
5	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	90





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Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

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

****

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	6.10 ng	94325	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
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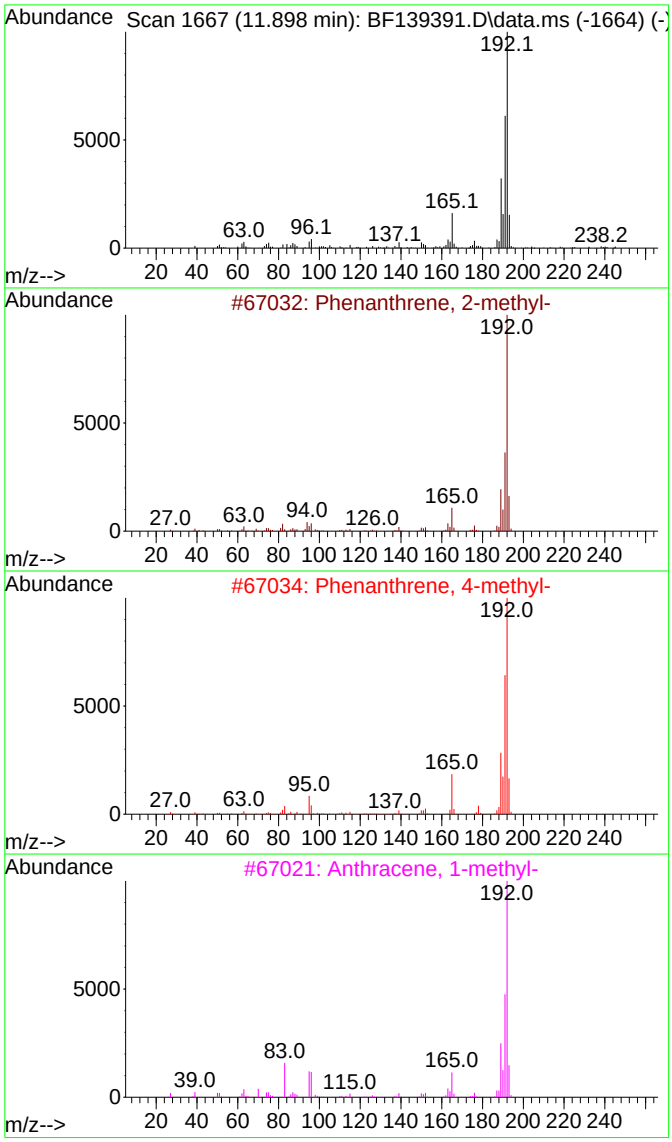

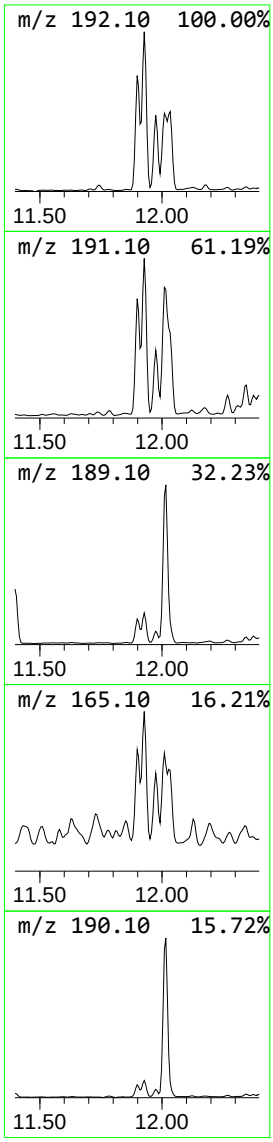

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Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

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

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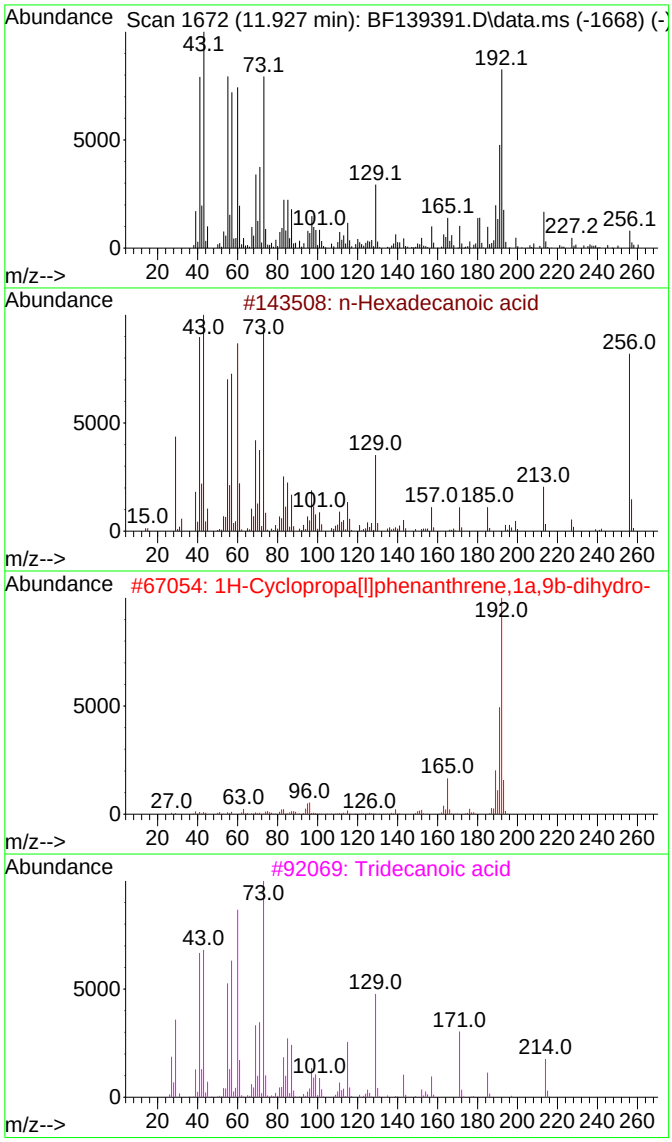
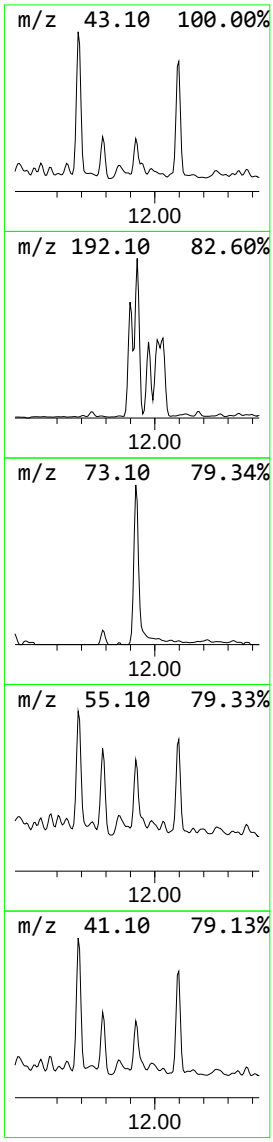
Peak Number 15 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	26.39 ng	407925	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	84
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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

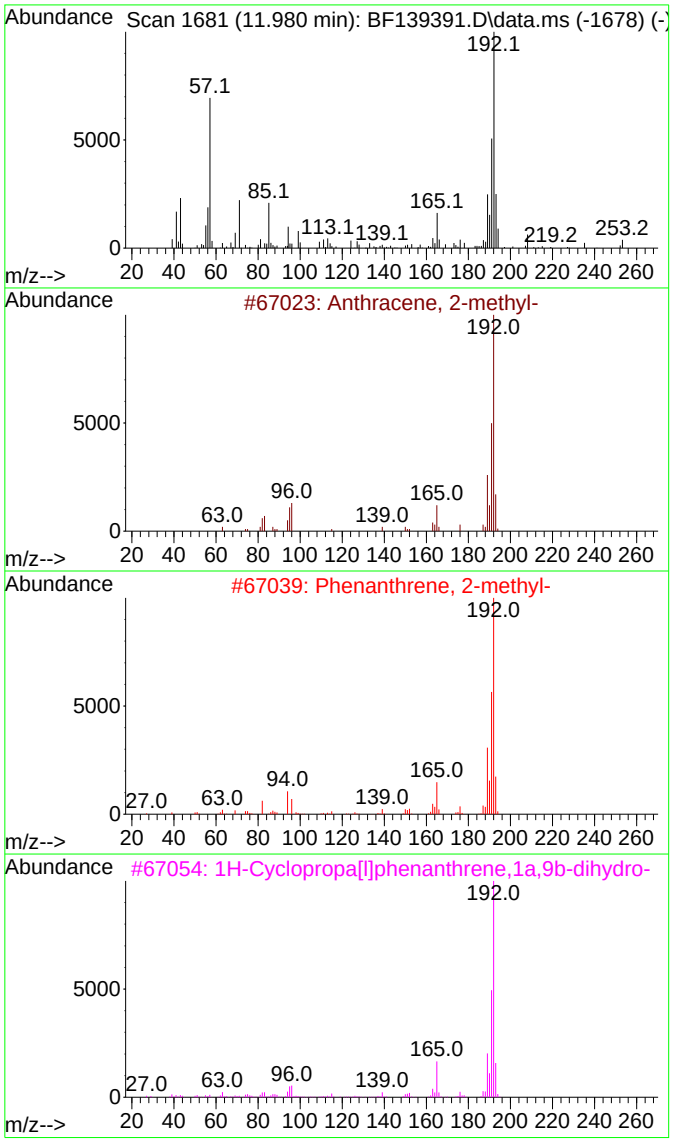
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

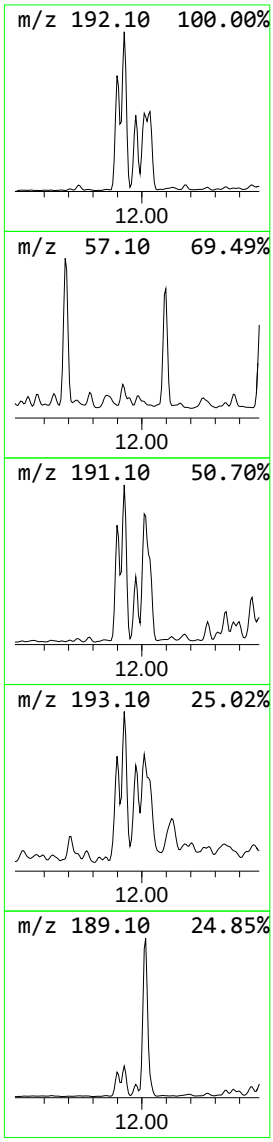
****

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	5.45 ng	84311	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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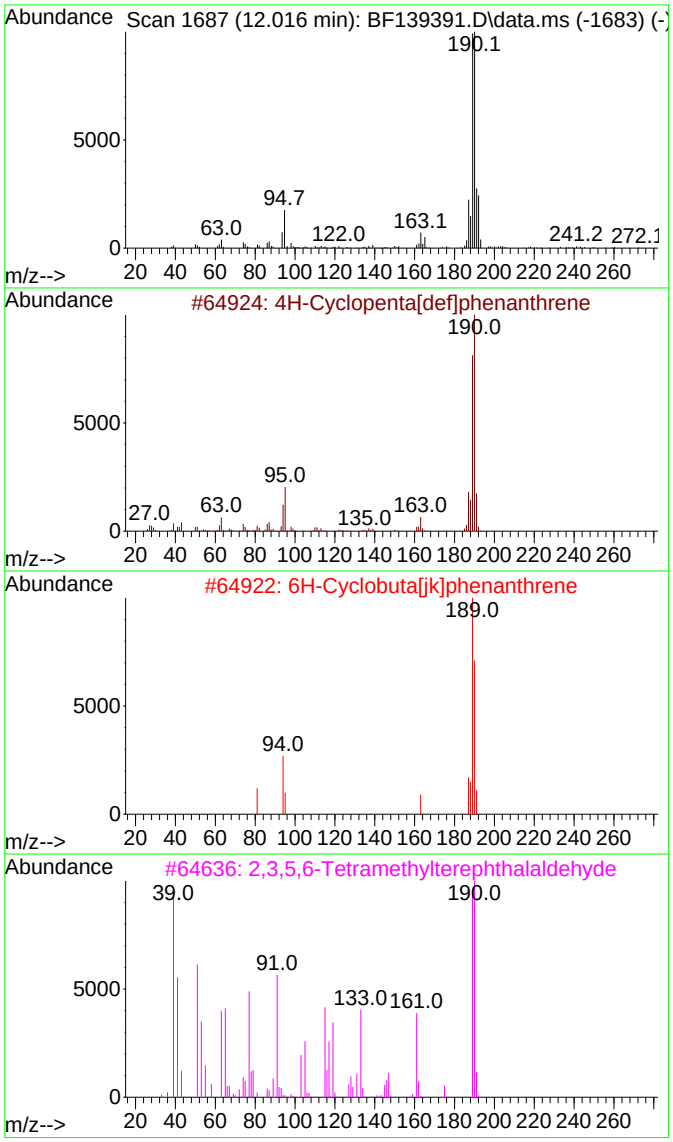
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

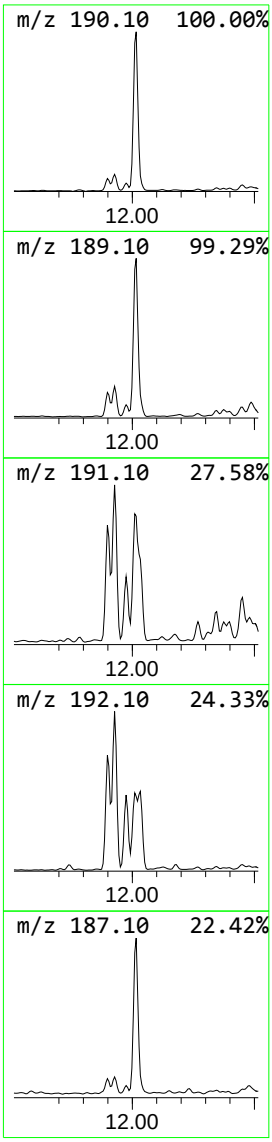
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	24.56 ng	379670	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

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

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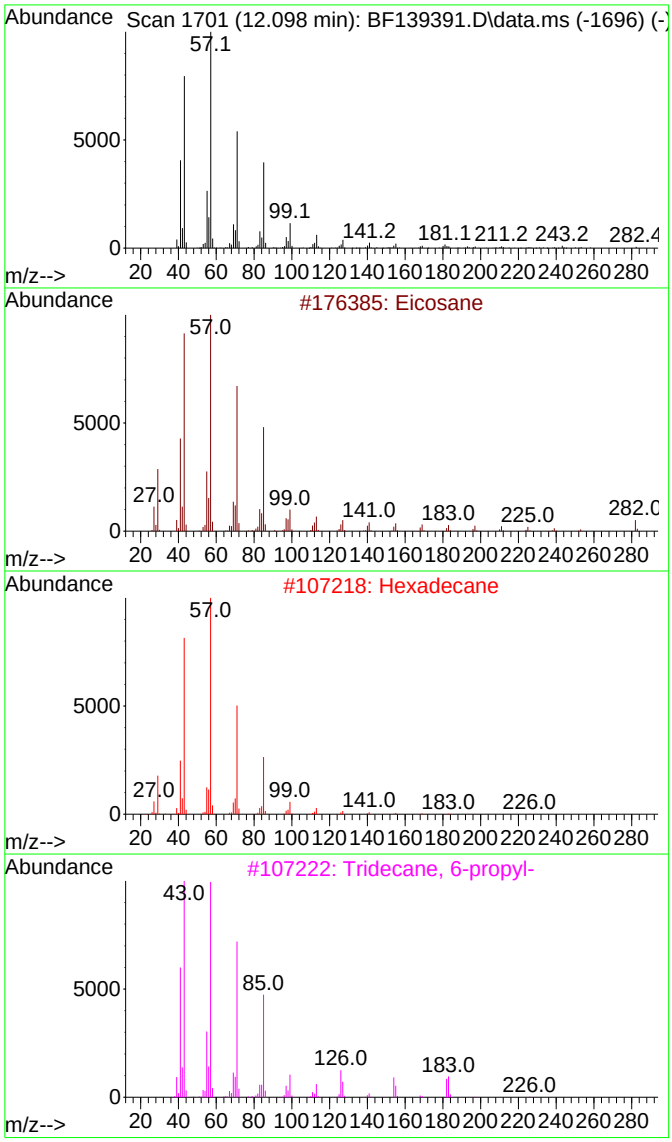
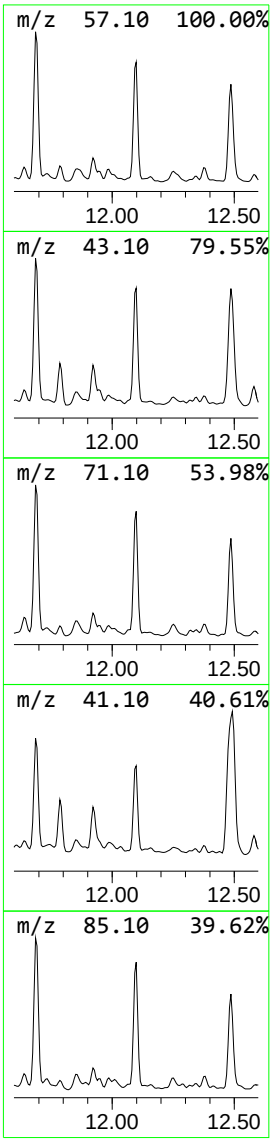
Peak Number 18 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	25.62 ng	396072	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexadecane	226	C16H34	000544-76-3	95
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
4	Pentadecane	212	C15H32	000629-62-9	92
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

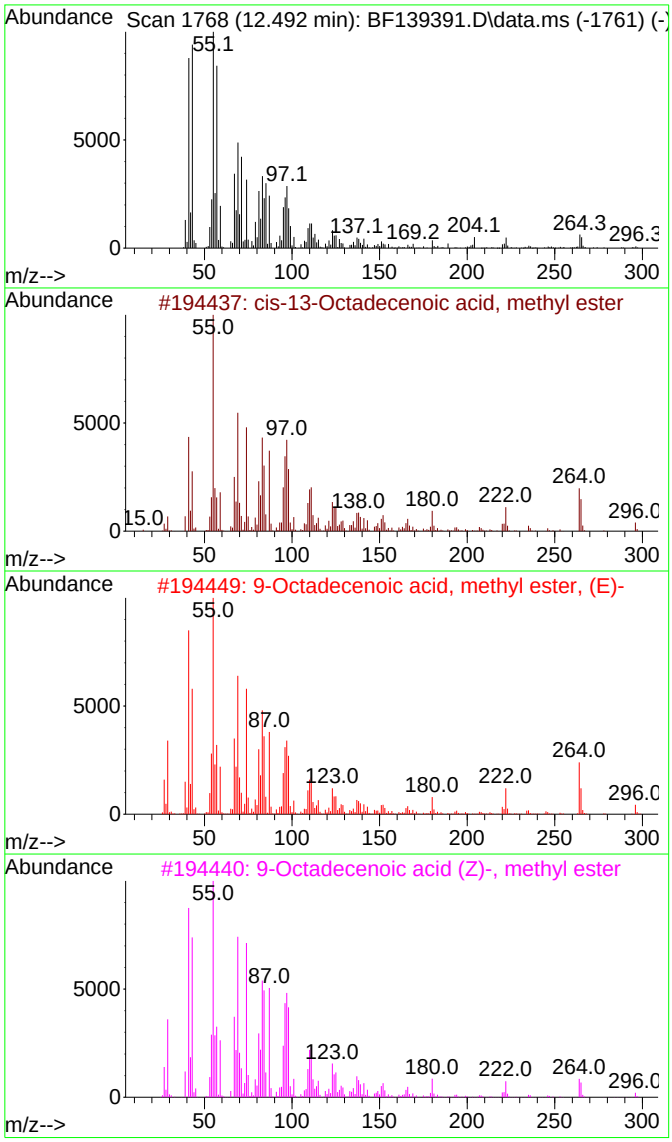
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

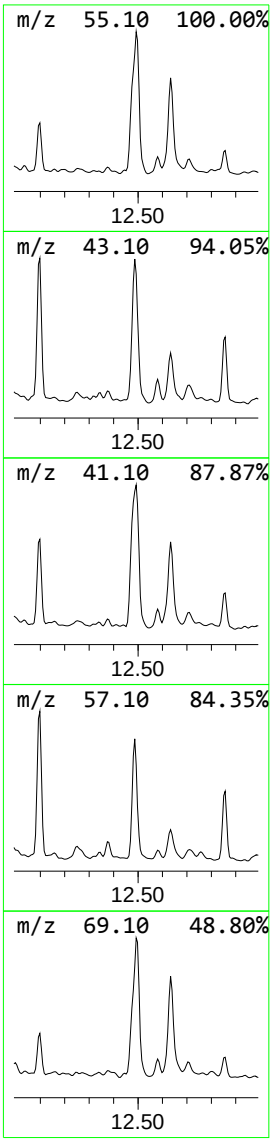
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 cis-13-Octadecenoic acid, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	80.76 ng	1248450	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	97
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	96
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

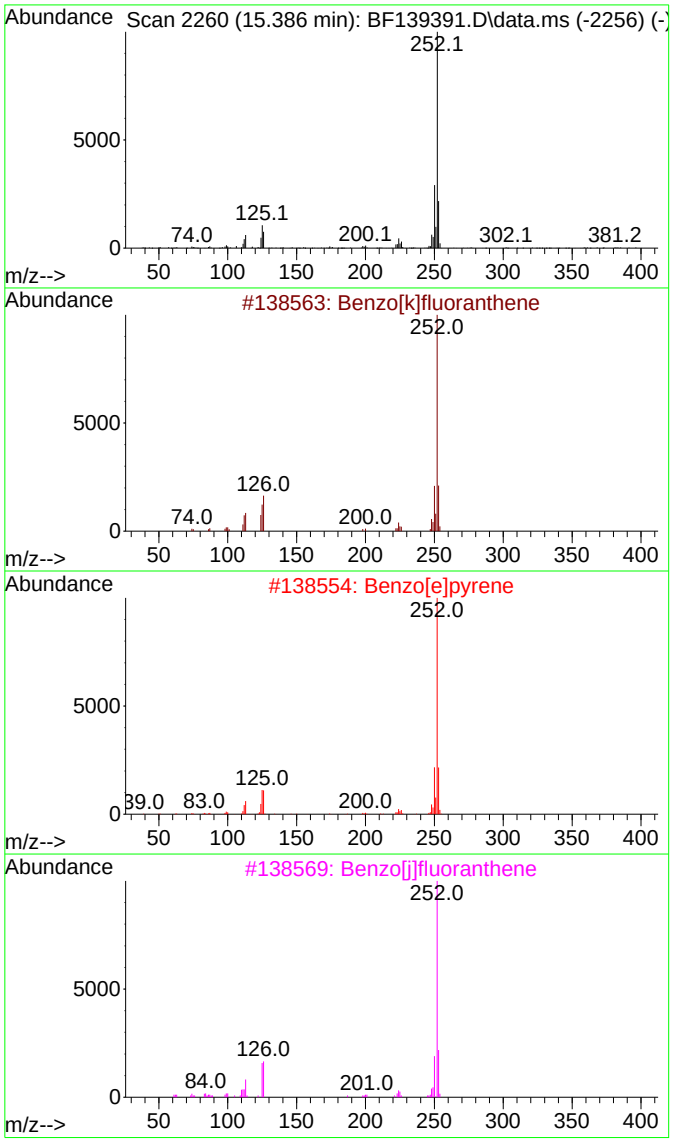
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

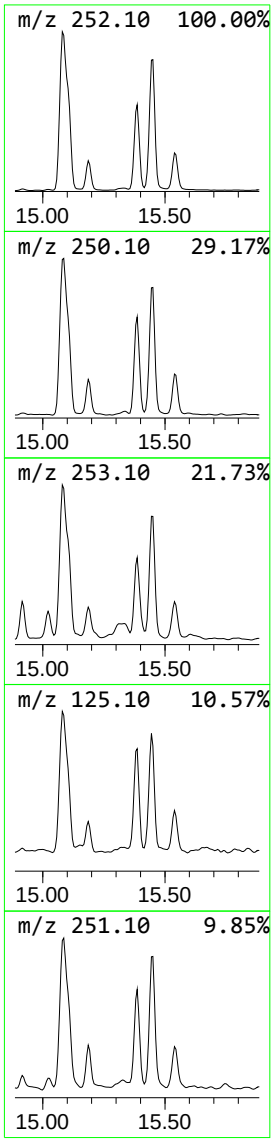
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	45.59 ng	274543	Perylene-d12	15.510

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139391.D
Acq On : 16 Sep 2024 21:12
Operator : RC/JU
Sample : P3980-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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
Butane, 2-metho...	2.140	22.2	ng	413320	1	6.881	372323	20.0
Tridecane, 6-me...	9.310	13.1	ng	304346	3	9.916	466487	20.0
Naphthalene, 2,...	9.569	5.9	ng	138627	3	9.916	466487	20.0
Carbonic acid, ...	9.628	7.1	ng	166265	3	9.916	466487	20.0
Pentadecane	9.839	19.4	ng	452096	3	9.916	466487	20.0
Hexadecane	10.339	26.1	ng	608287	3	9.916	466487	20.0
Pentadecane, 2,...	10.563	11.5	ng	267986	3	9.916	466487	20.0
Heptadecane	10.816	63.1	ng	975670	4	11.398	309184	20.0
unknown11.004	11.004	6.0	ng	92460	4	11.398	309184	20.0
Octadecane	11.263	41.0	ng	633492	4	11.398	309184	20.0
Dibenzothiophene	11.292	17.8	ng	275278	4	11.398	309184	20.0
Nonadecane	11.686	32.8	ng	507588	4	11.398	309184	20.0
Hexadecanoic ac...	11.786	17.9	ng	276852	4	11.398	309184	20.0
Phenanthrene, 2...	11.898	6.1	ng	94325	4	11.398	309184	20.0
n-Hexadecanoic ...	11.928	26.4	ng	407925	4	11.398	309184	20.0
Anthracene, 2-m...	11.980	5.5	ng	84311	4	11.398	309184	20.0
4H-Cyclopenta[d...	12.016	24.6	ng	379670	4	11.398	309184	20.0
Eicosane	12.098	25.6	ng	396072	4	11.398	309184	20.0
cis-13-Octadece...	12.492	80.8	ng	1248450	4	11.398	309184	20.0
Benzo[e]pyrene	15.386	45.6	ng	274543	6	15.510	120439	20.0