LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137681.D
Acq On : 22 Mar 2024 14:56
Operator : CG\JU
Sample : P1827-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137681.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.346	549	554	578	rBV	4077839	4267628	100.00%	11.387%
2	6.369	723	728	731	rBV	4004927	4156750	97.40%	11.091%
3	6.728	785	789	797	rBV	1103252	1063071	24.91%	2.836%
4	7.292	881	885	888	rBV	2834471	2622201	61.44%	6.996%
5	7.322	888	890	896	rVB	130347	144878	3.39%	0.387%
6	8.010	1000	1007	1013	rBV	1421190	1563342	36.63%	4.171%
7	8.069	1015	1017	1020	rVB	66015	53667	1.26%	0.143%
8	8.298	1051	1056	1059	rBV5	43998	62220	1.46%	0.166%
9	8.386	1069	1071	1074	rVB3	51015	46457	1.09%	0.124%
10	8.428	1074	1078	1080	rBV	76466	72252	1.69%	0.193%
11	8.510	1088	1092	1095	rBV3	44672	47473	1.11%	0.127%
12	8.598	1104	1107	1111	rBV	256983	229530	5.38%	0.612%
13	8.828	1142	1146	1150	rBV3	48768	58514	1.37%	0.156%
14	8.963	1166	1169	1173	rVB2	54321	58212	1.36%	0.155%
15	9.028	1178	1180	1185	rVB2	82622	71690	1.68%	0.191%
16	9.086	1186	1190	1193	rBV	4785741	4251338	99.62%	11.343%
17	9.163	1200	1203	1207	rBV	354430	308384	7.23%	0.823%
18	9.204	1207	1210	1213	rVV3	64827	74567	1.75%	0.199%
19	9.234	1213	1215	1221	rVB3	43813	47444	1.11%	0.127%
20	9.416	1244	1246	1249	rBV	55476	59222	1.39%	0.158%
21	9.486	1253	1258	1260	rBV2	125806	158415	3.71%	0.423%
22	9.504	1260	1261	1265	rVV2	77381	68923	1.62%	0.184%
23	9.539	1265	1267	1270	rVB2	55810	51981	1.22%	0.139%
24	9.692	1290	1293	1297	rVB	422909	322375	7.55%	0.860%
25	9.757	1301	1304	1308	rVV	1811295	1508621	35.35%	4.025%
26	9.928	1329	1333	1335	rBV2	49743	72104	1.69%	0.192%
27	10.016	1344	1348	1351	rBV3	93389	112481	2.64%	0.300%
28	10.192	1375	1378	1381	rVB	485853	346052	8.11%	0.923%
29	10.304	1393	1397	1403	rBV4	30329	72650	1.70%	0.194%
30	10.410	1410	1415	1418	rBV	149449	199775	4.68%	0.533%
31	10.498	1427	1430	1433	rBV2	52219	56313	1.32%	0.150%
32	10.545	1433	1438	1450	rVV	2464719	2655972	62.24%	7.087%
33	10.663	1455	1458	1467	rVV	496664	565053	13.24%	1.508%
34	10.857	1488	1491	1493	rBV	51507	56406	1.32%	0.150%
35	11.110	1531	1534	1537	rBV	384998	337419	7.91%	0.900%
36	11.139	1537	1539	1545	rVB	156096	173700	4.07%	0.463%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137681.D
Acq On : 22 Mar 2024 14:56
Operator : CG\JU
Sample : P1827-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.239	1553	1556	1559	rBV	1441185	1361952	31.91%	3.634%
38	11.269	1559	1561	1563	rVB	201278	171847	4.03%	0.459%
39	11.539	1604	1607	1610	rBV	360255	266899	6.25%	0.712%
40	11.704	1632	1635	1639	rBV6	32768	46200	1.08%	0.123%
41	11.780	1644	1648	1655	rBV3	238519	349729	8.19%	0.933%
42	11.851	1658	1660	1663	rVB2	65603	62197	1.46%	0.166%
43	11.945	1673	1676	1679	rBV	290395	222901	5.22%	0.595%
44	12.251	1725	1728	1732	rVB	362047	301478	7.06%	0.804%
45	12.292	1732	1735	1738	rVV	56114	51483	1.21%	0.137%
46	12.333	1738	1742	1747	rVB	237610	242412	5.68%	0.647%
47	12.451	1757	1762	1766	rBV	439940	409713	9.60%	1.093%
48	12.569	1777	1782	1785	rBV4	37594	72434	1.70%	0.193%
49	12.680	1795	1801	1803	rBV	387544	357663	8.38%	0.954%
50	12.704	1803	1805	1808	rVB	160974	115284	2.70%	0.308%
51	12.827	1822	1826	1829	rBV	3567238	3021008	70.79%	8.060%
52	13.010	1855	1857	1860	rVB	59979	53930	1.26%	0.144%
53	13.063	1862	1866	1871	rVV2	110686	144963	3.40%	0.387%
54	13.110	1871	1874	1882	rVB2	58227	87985	2.06%	0.235%
55	13.404	1921	1924	1927	rVB	76761	67605	1.58%	0.180%
56	13.627	1957	1962	1965	rBV	49054	67038	1.57%	0.179%
57	13.733	1977	1980	1989	rBV	238415	321267	7.53%	0.857%
58	13.874	1999	2004	2007	rBV2	1012514	1178607	27.62%	3.145%
59	13.904	2007	2009	2015	rVB	201141	189634	4.44%	0.506%
60	14.351	2082	2085	2087	rBV2	59374	57448	1.35%	0.153%
61	14.510	2109	2112	2117	rBV	160384	169415	3.97%	0.452%
62	14.786	2157	2159	2171	rVB7	58429	100306	2.35%	0.268%
63	14.898	2174	2178	2180	rBV	188229	252388	5.91%	0.673%
64	14.968	2187	2190	2193	rBV	56689	53087	1.24%	0.142%
65	15.004	2193	2196	2206	rVB4	52292	111628	2.62%	0.298%
66	15.180	2223	2226	2232	rVB	122373	146245	3.43%	0.390%
67	15.245	2233	2237	2242	rVB	134032	168208	3.94%	0.449%
68	15.304	2242	2247	2251	rBV	809846	1016113	23.81%	2.711%
69	15.739	2319	2321	2326	rVB	36822	47661	1.12%	0.127%
70	16.692	2479	2483	2492	rVB2	52176	104548	2.45%	0.279%
71	17.109	2550	2554	2562	rVB	35692	70931	1.66%	0.189%

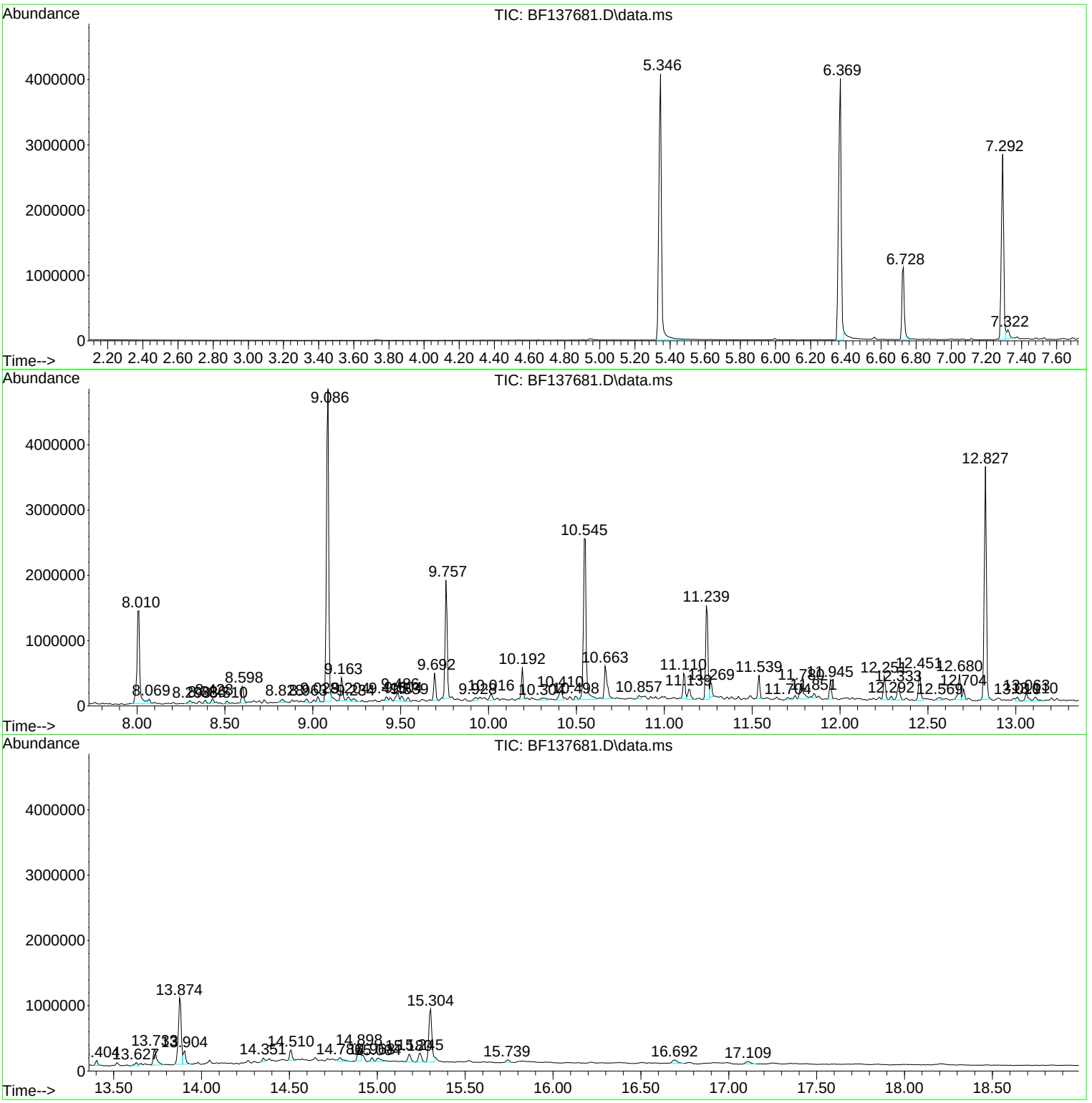
Sum of corrected areas: 37479287

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137681.D
Acq On : 22 Mar 2024 14:56
Operator : CG\JU
Sample : P1827-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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\BF032224\
Data File : BF137681.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

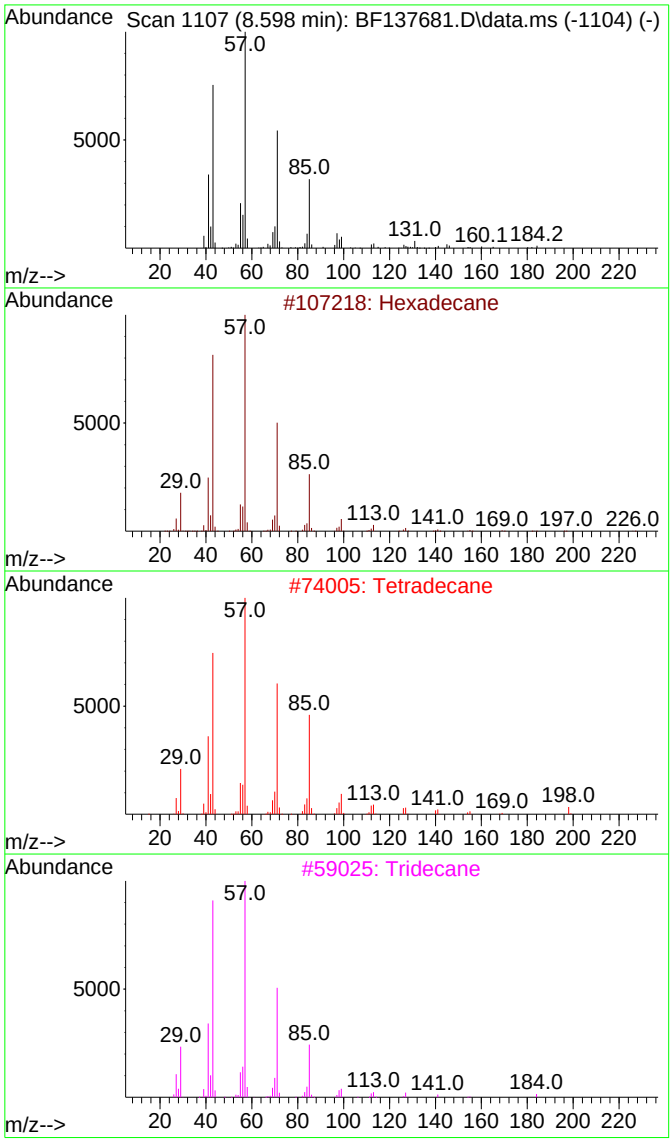
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

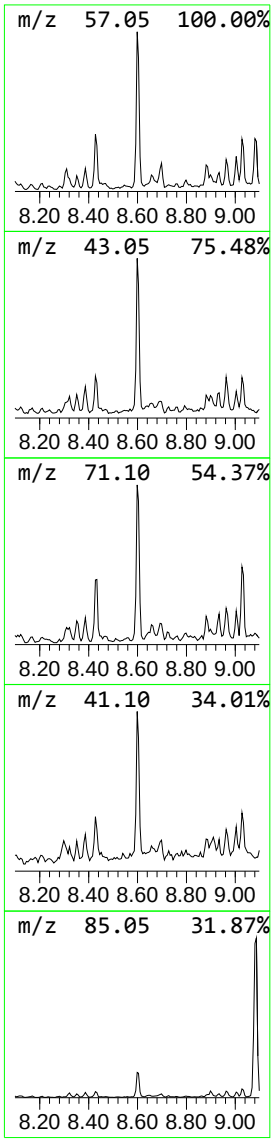
****

Peak Number 1 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	2.94 ng	229530	Naphthalene-d8	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	81
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137681.D
Acq On : 22 Mar 2024 14:56
Operator : CG\JU
Sample : P1827-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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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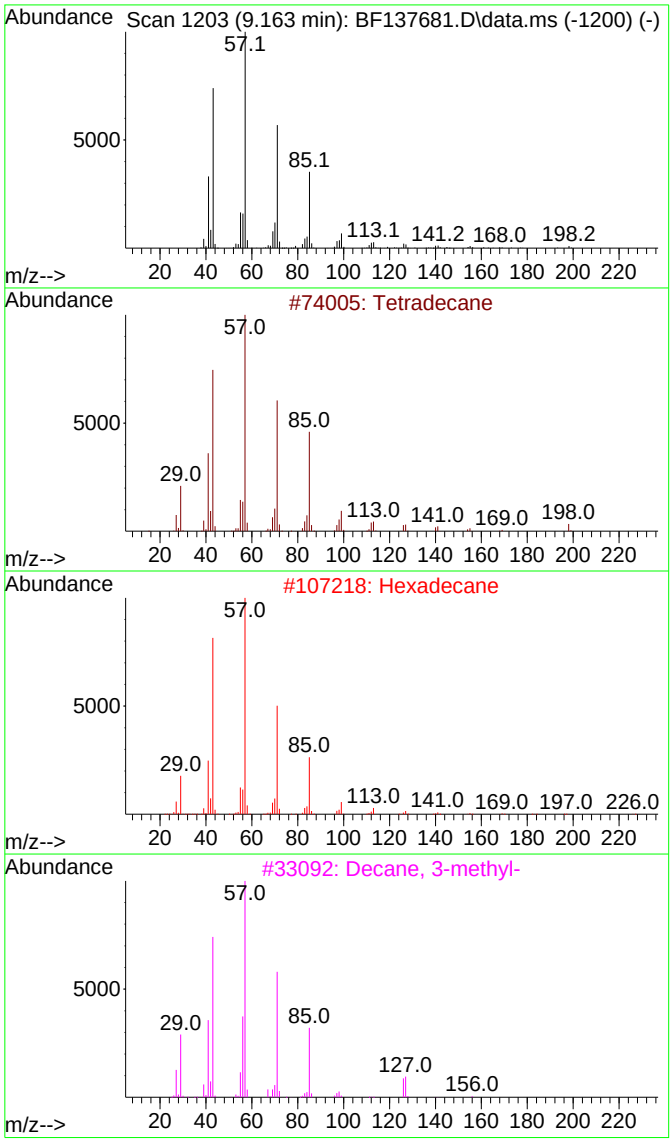
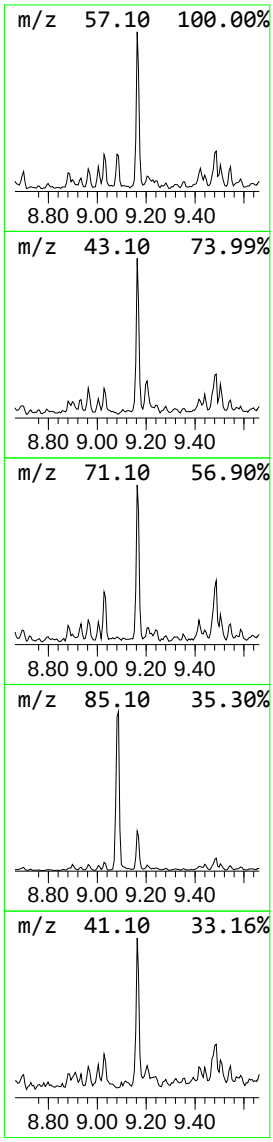
Peak Number 2 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	4.09 ng	308384	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 3-methyl-	156	C11H24	013151-34-3	83
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
5	Decane, 2-methyl-	156	C11H24	006975-98-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137681.D
Acq On : 22 Mar 2024 14:56
Operator : CG\JU
Sample : P1827-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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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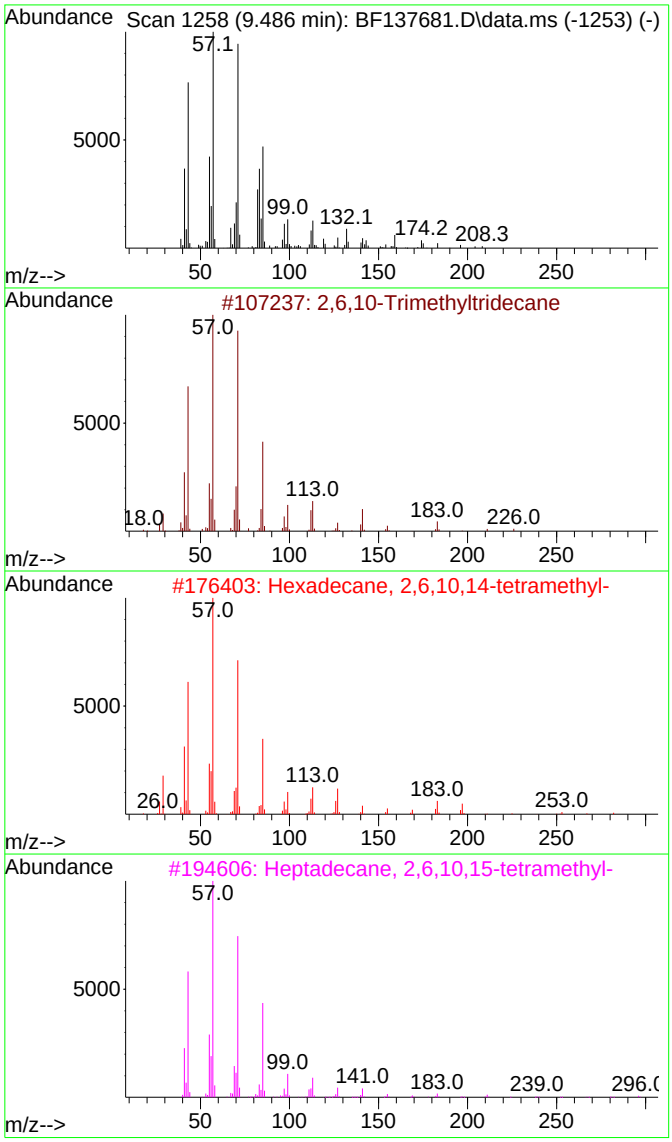
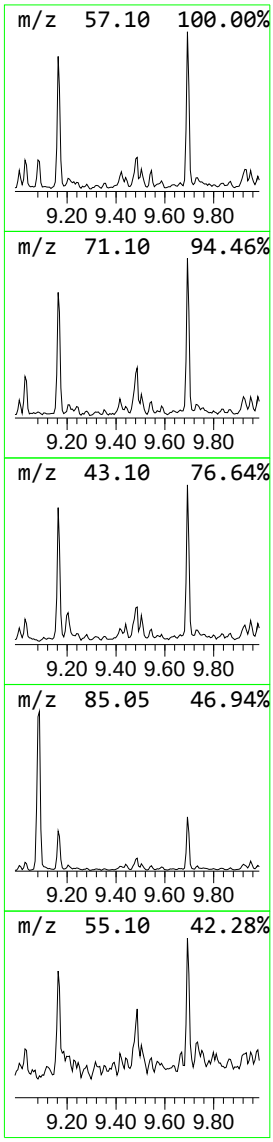
Peak Number 3 2,6,10-Trimethyltridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	2.10 ng	158415	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	72
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	52
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137681.D
Acq On : 22 Mar 2024 14:56
Operator : CG\JU
Sample : P1827-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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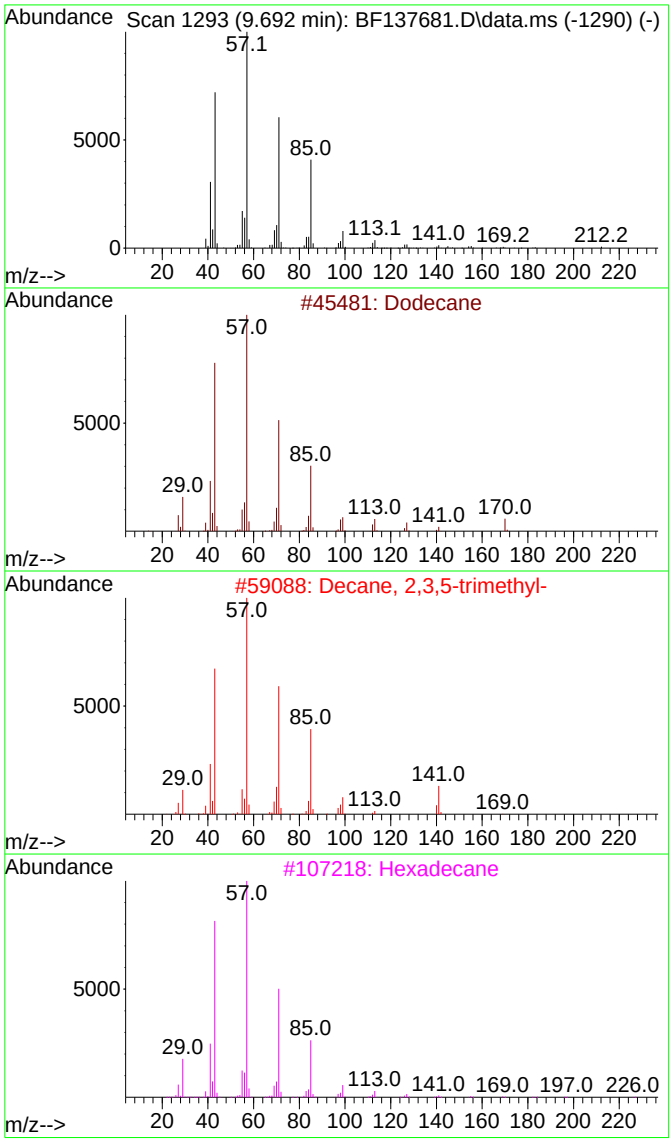
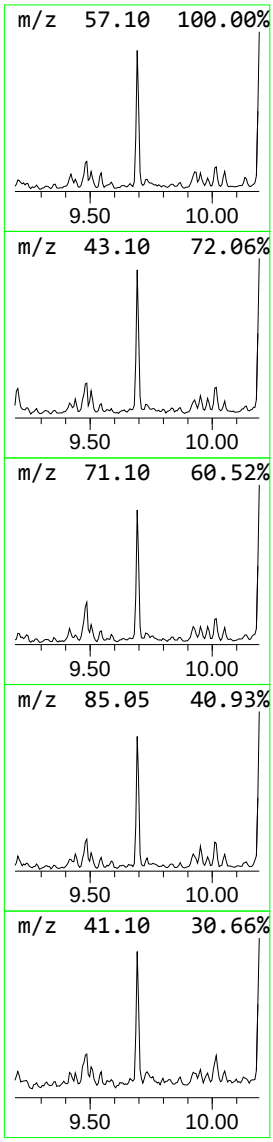
Peak Number 4 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	4.27 ng	322375	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137681.D
Acq On : 22 Mar 2024 14:56
Operator : CG\JU
Sample : P1827-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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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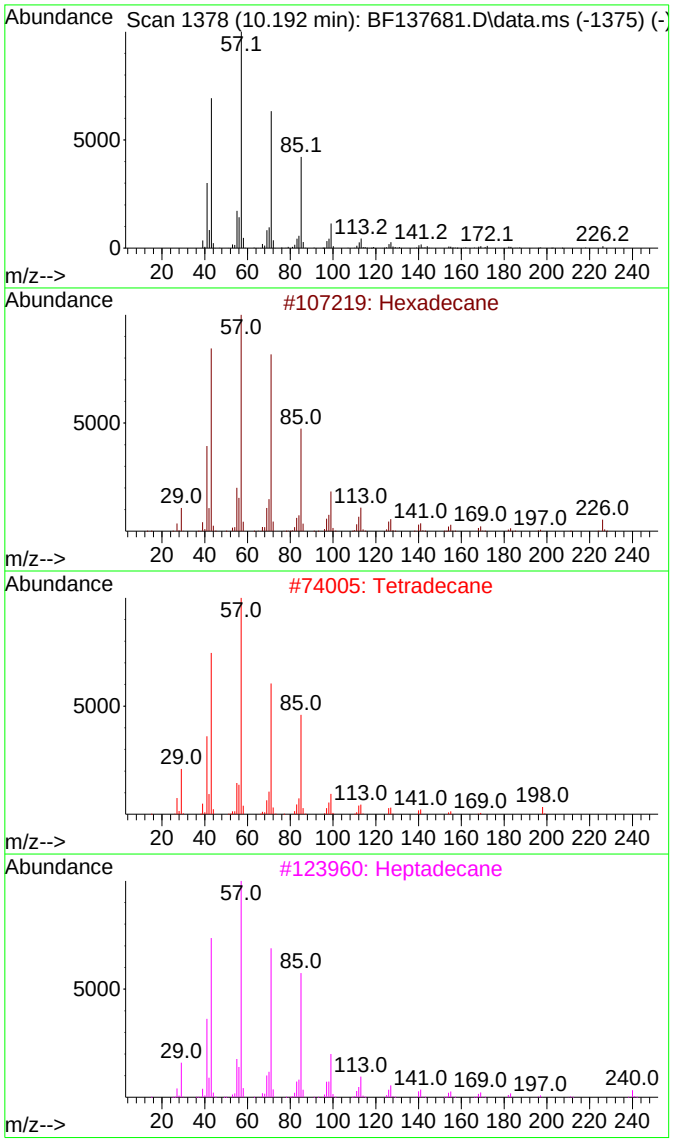
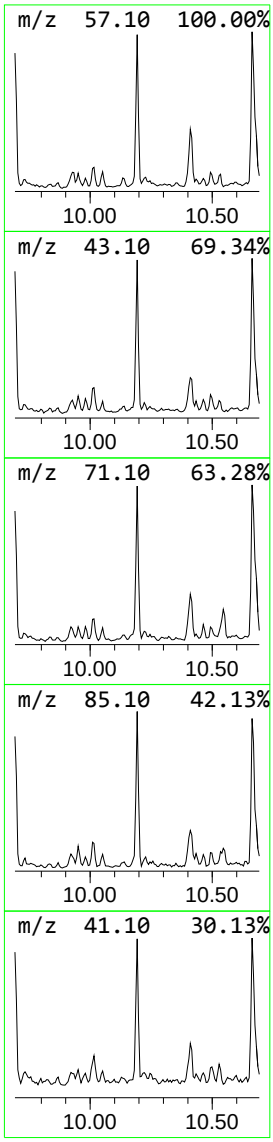
Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.192	4.59 ng	346052	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137681.D
Acq On : 22 Mar 2024 14:56
Operator : CG\JU
Sample : P1827-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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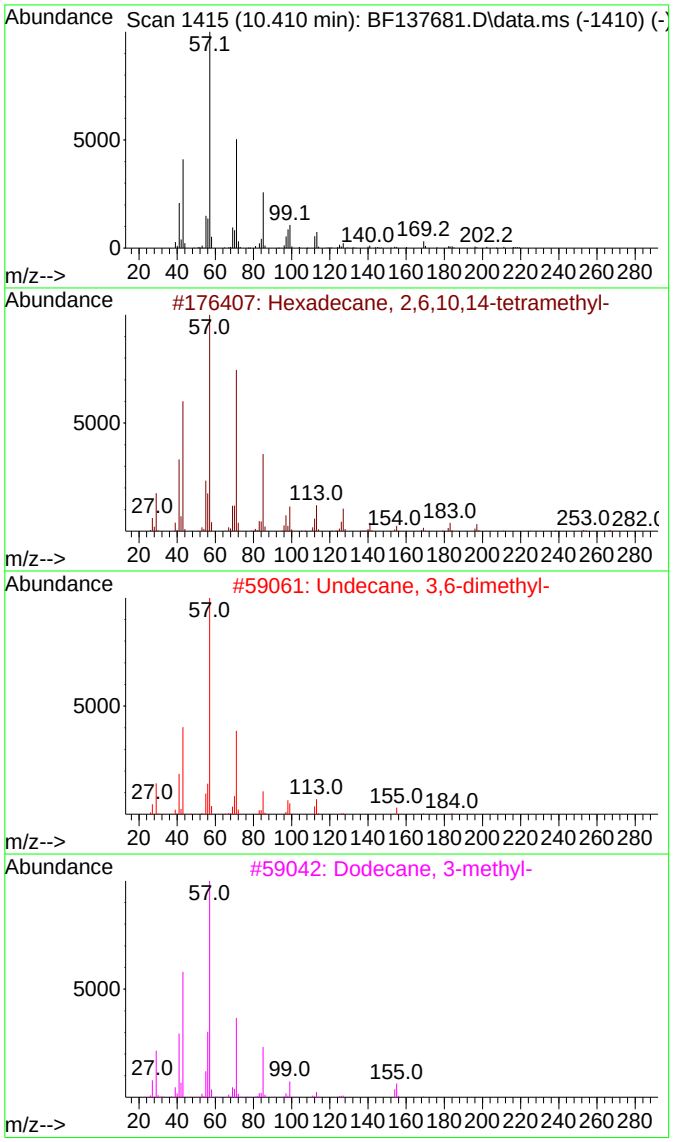
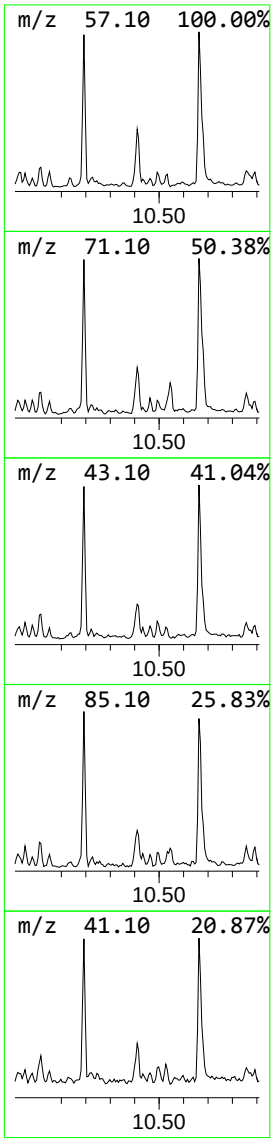
Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.410	2.65 ng	199775	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	74
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Pentacosane	352	C25H52	000629-99-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137681.D
Acq On : 22 Mar 2024 14:56
Operator : CG\JU
Sample : P1827-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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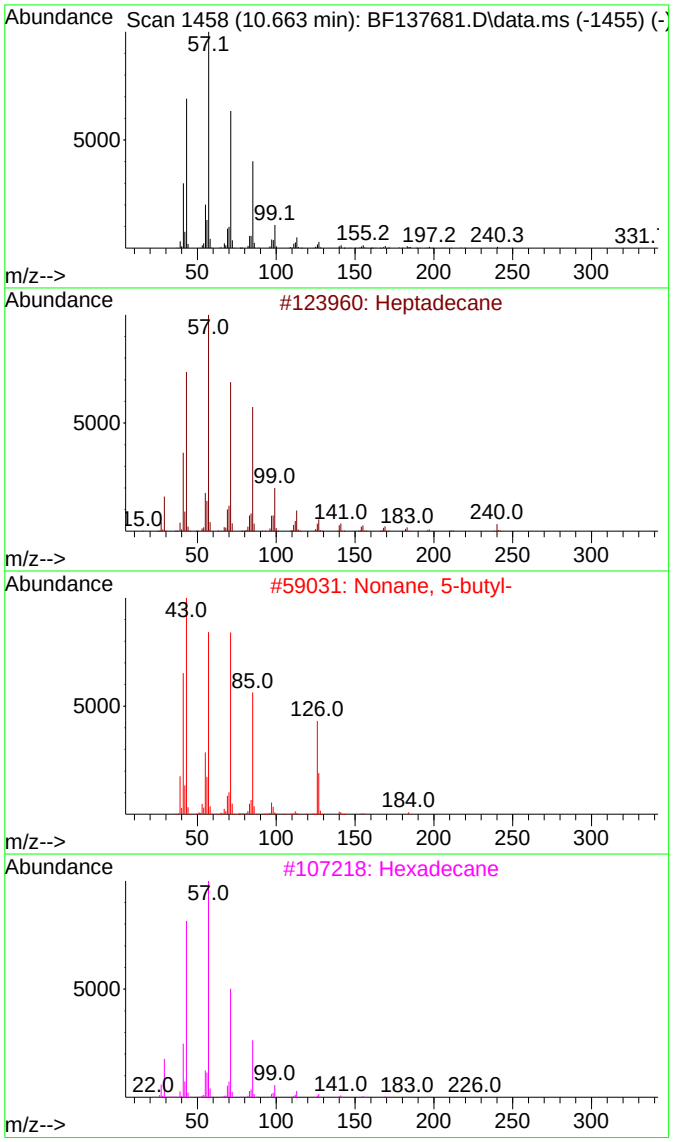
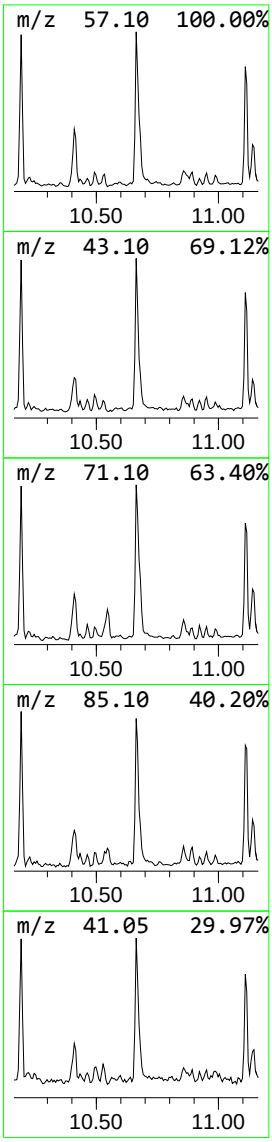
Peak Number 7 Nonane, 5-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.663	8.30 ng	565053	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane	184	C13H28	000629-50-5	90





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Operator : CG\JU
Sample : P1827-01
Misc :
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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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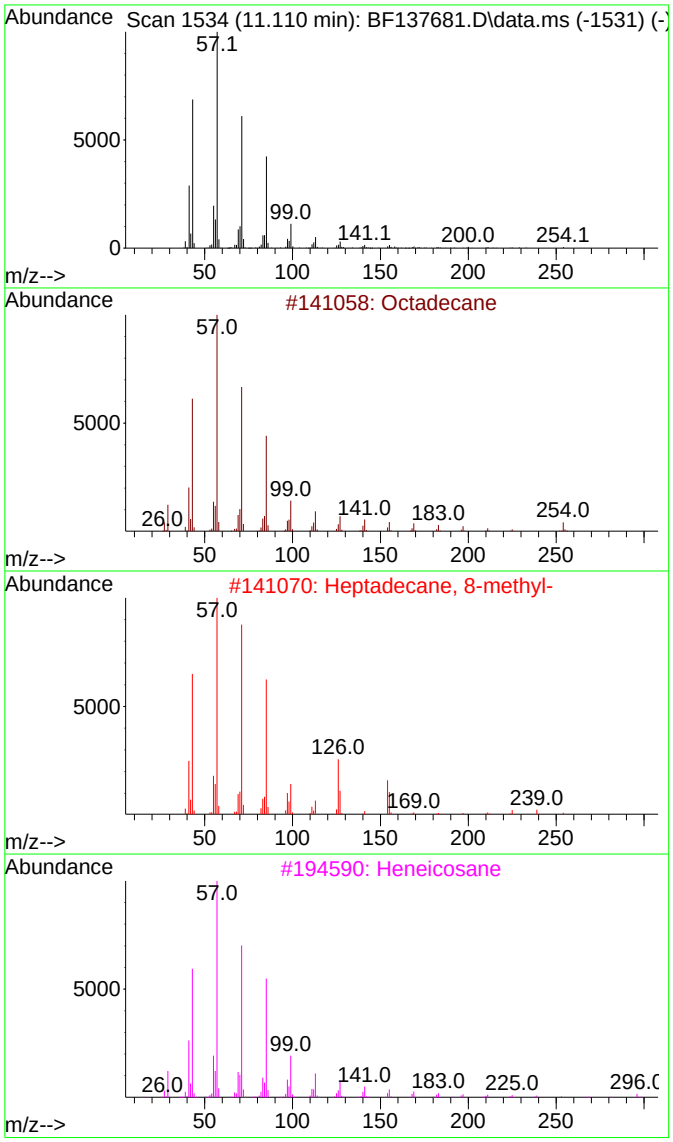
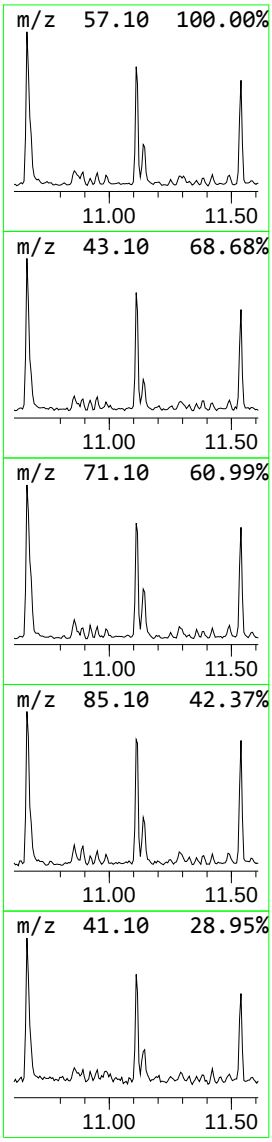
Peak Number 8 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	4.95 ng	337419	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





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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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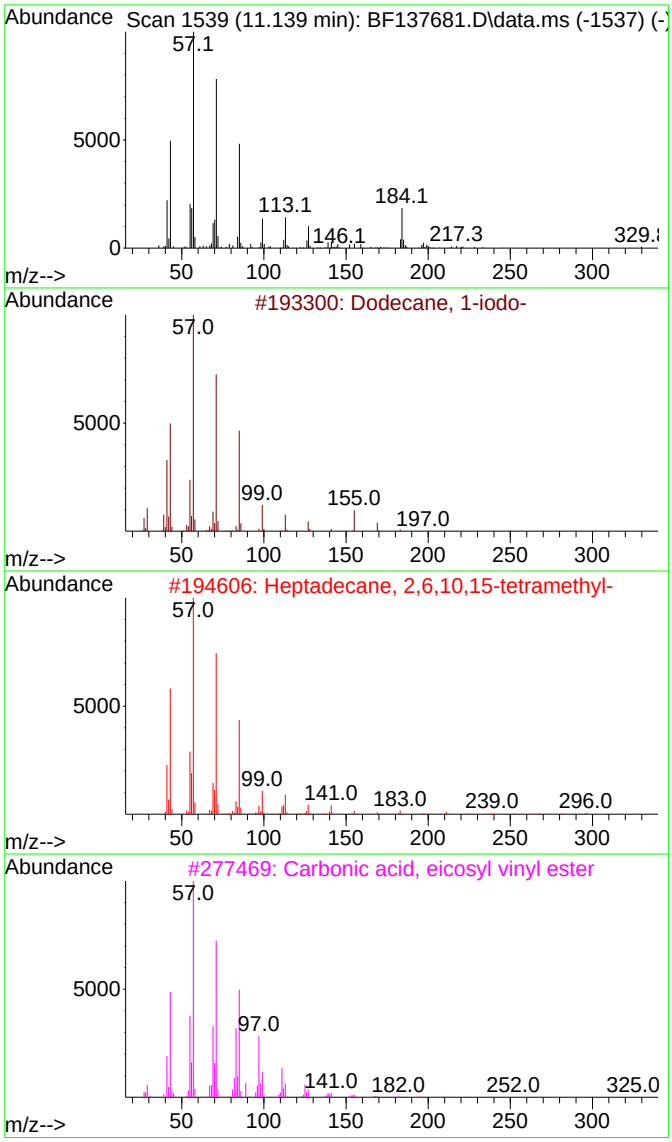
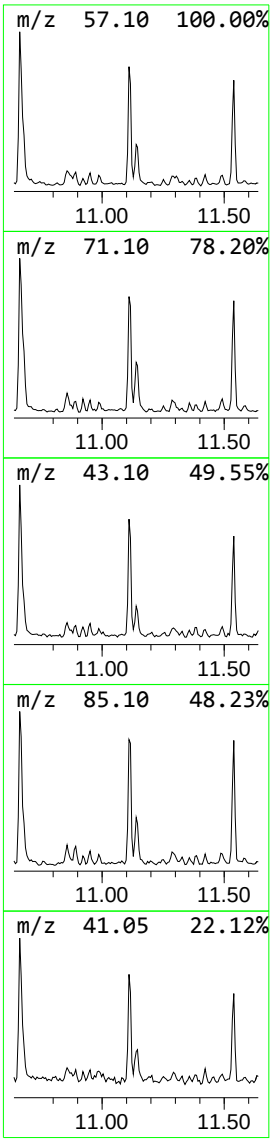
Peak Number 9 Dodecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.139	2.55 ng	173700	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	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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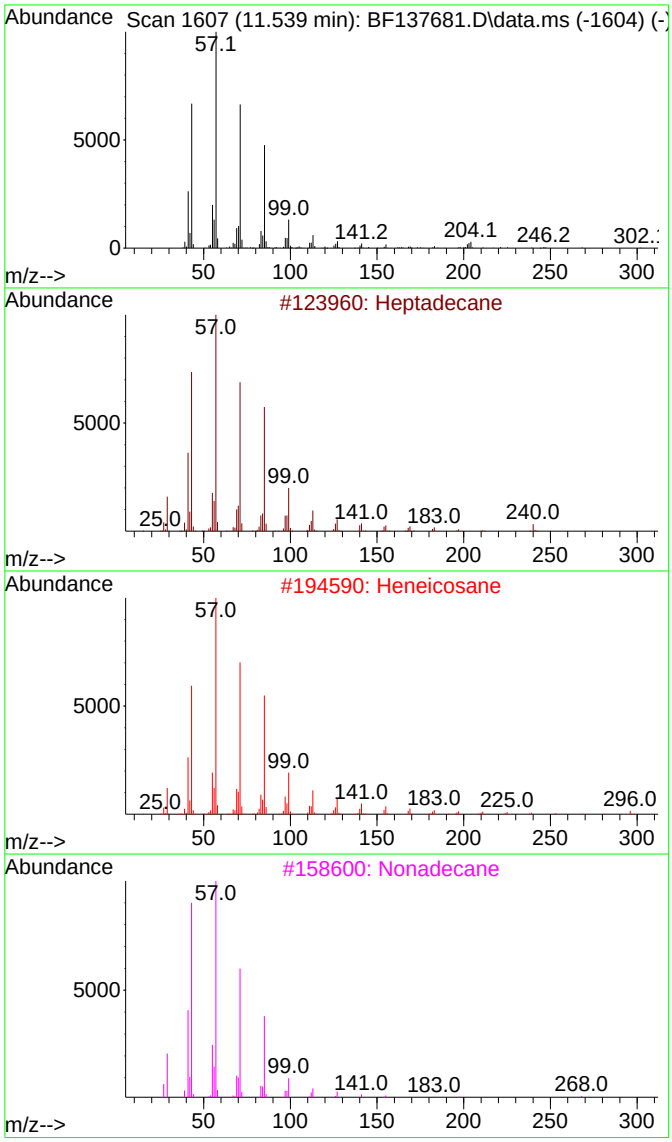
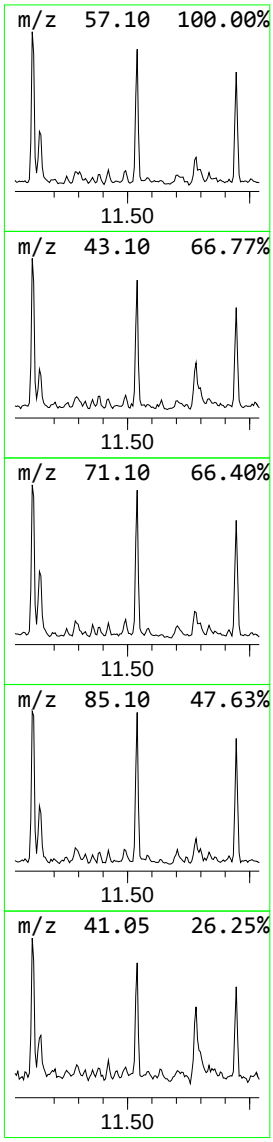
Peak Number 10 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	3.92 ng	266899	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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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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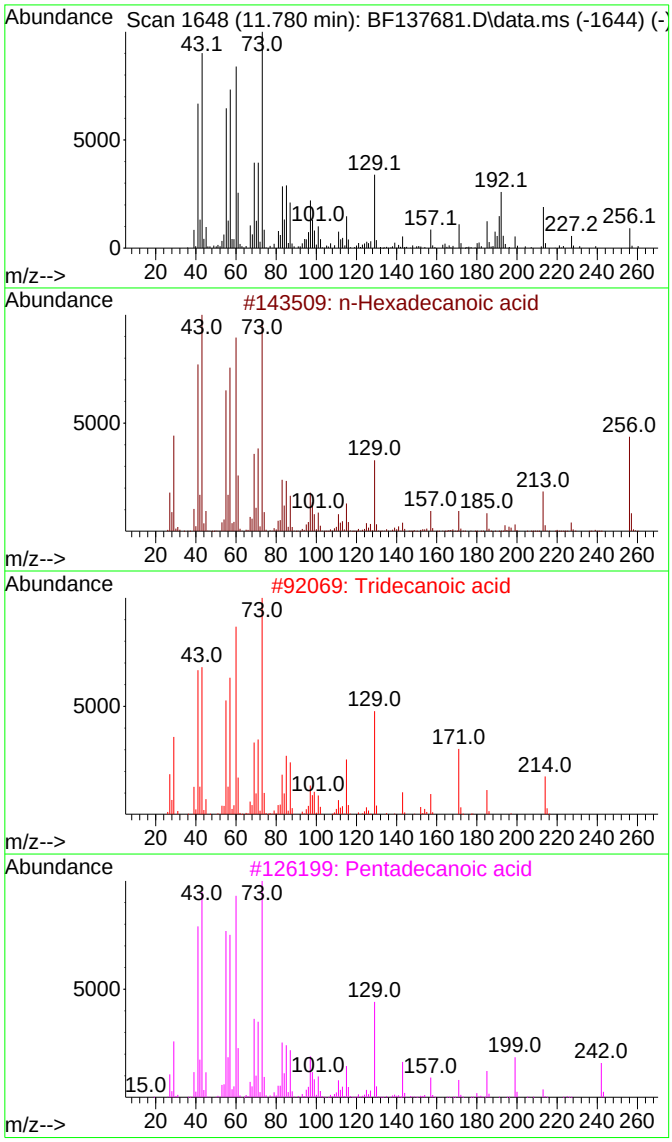
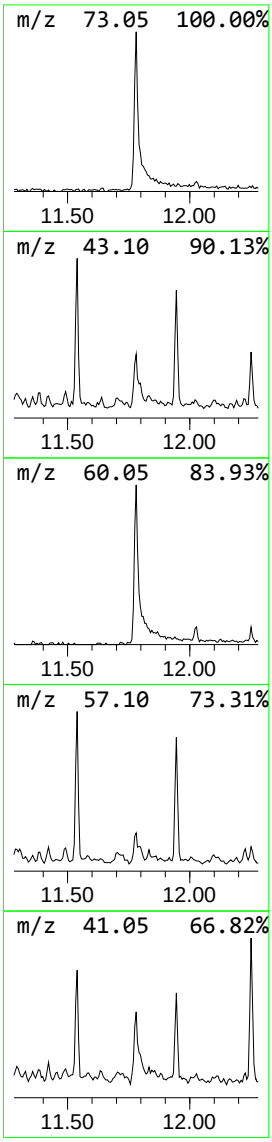
Peak Number 11 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	5.14 ng	349729	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





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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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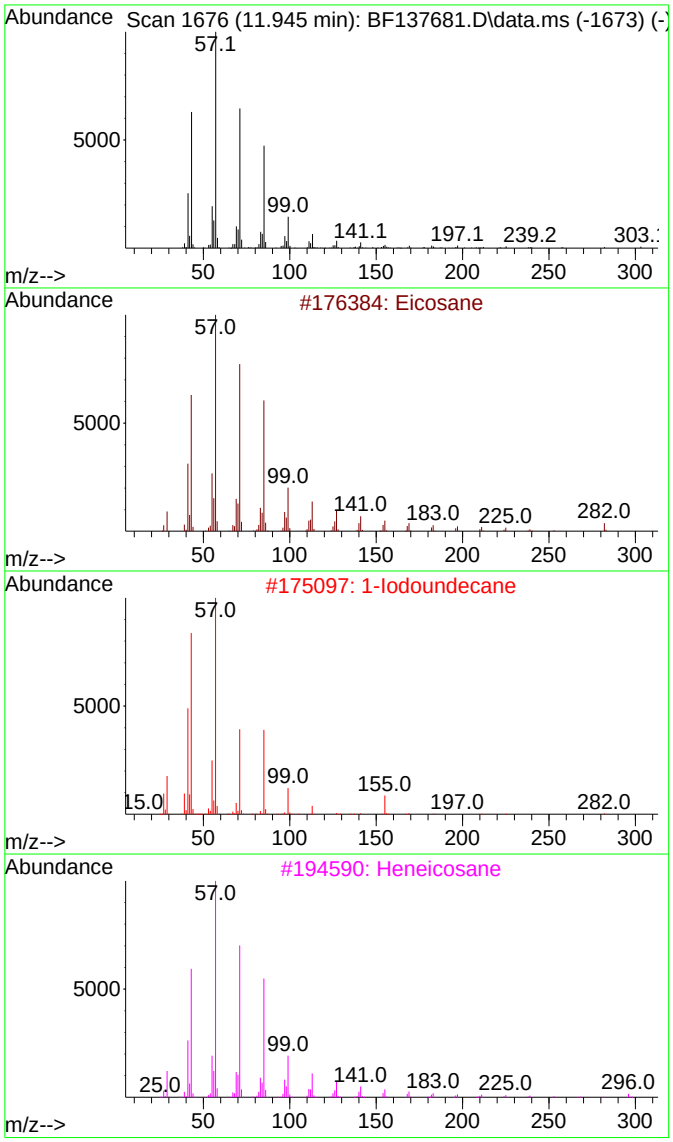
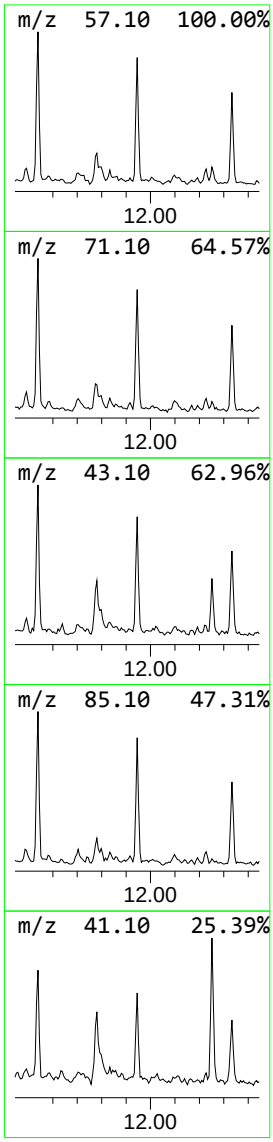
Peak Number 12 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.27 ng	222901	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	1-Iodoundecane	282	C11H23I	004282-44-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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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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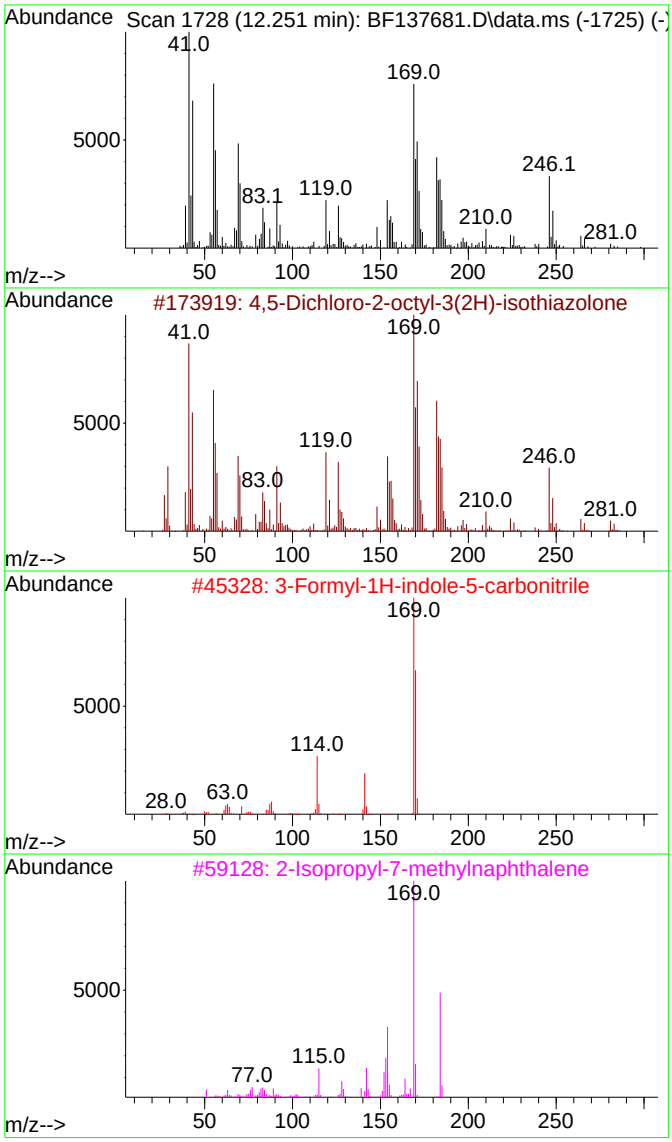
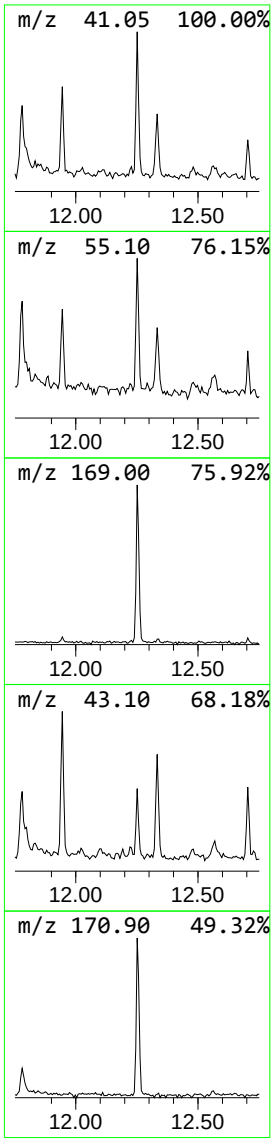
Peak Number 13 4,5-Dichloro-2-octyl-3(2H)-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	4.43 ng	301478	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dichloro-2-octyl-3(2H)-isoth...	281	C11H17Cl2NOS	064359-81-5	91
2	3-Formyl-1H-indole-5-carbonitrile	170	C10H6N2O	1000484-33-3	27
3	2-Isopropyl-7-methylnaphthalene	184	C14H16	1000383-71-3	25
4	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	22
5	4-Chloro-2,3,5-trimethylphenol m...	248	C10H13ClO3S	1000467-55-6	22





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

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

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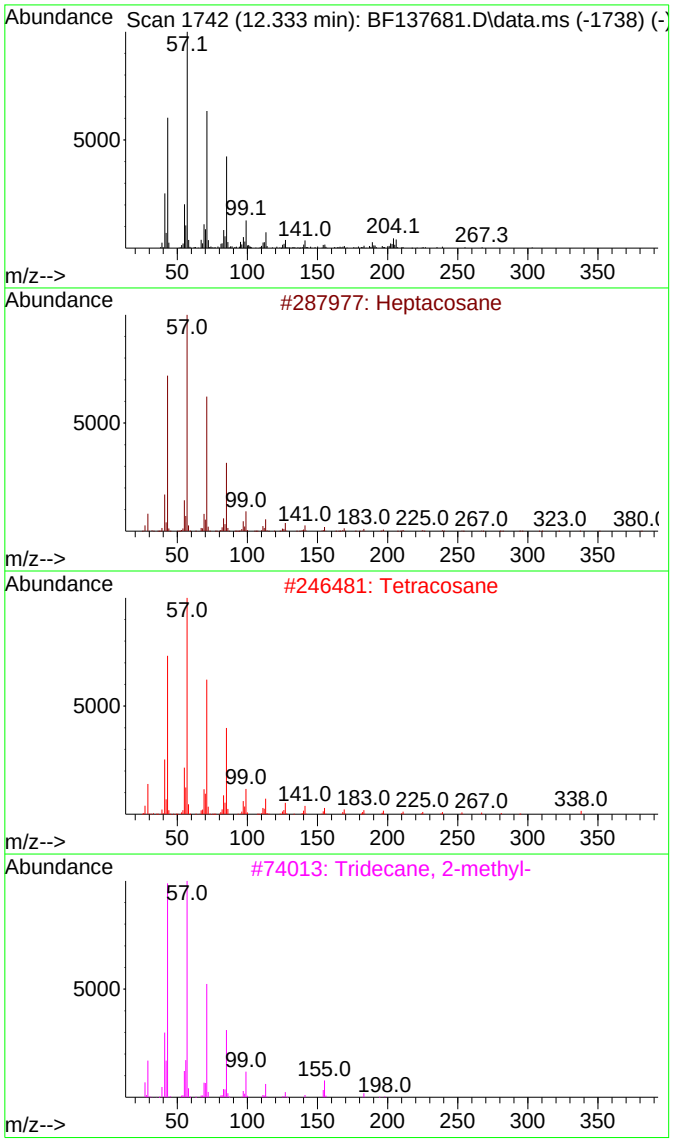
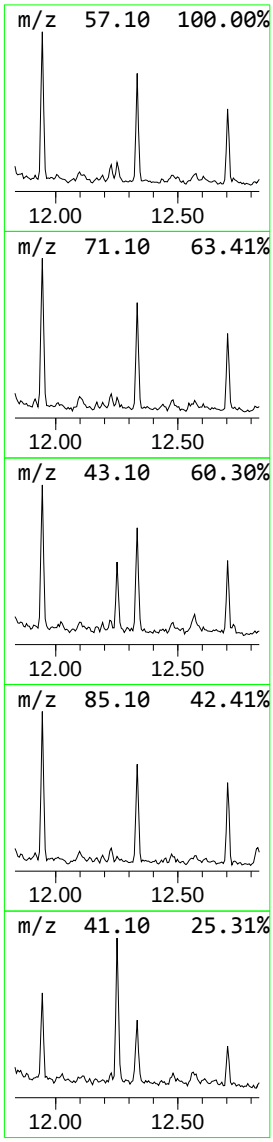
Peak Number 14 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	3.56 ng	242412	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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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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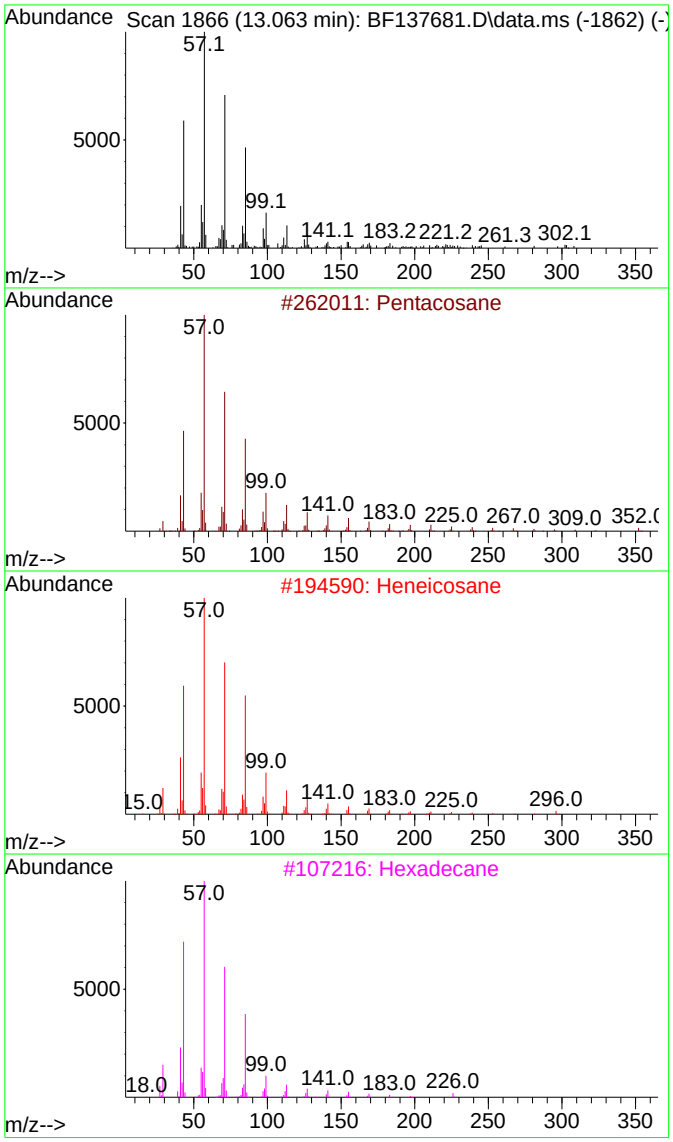
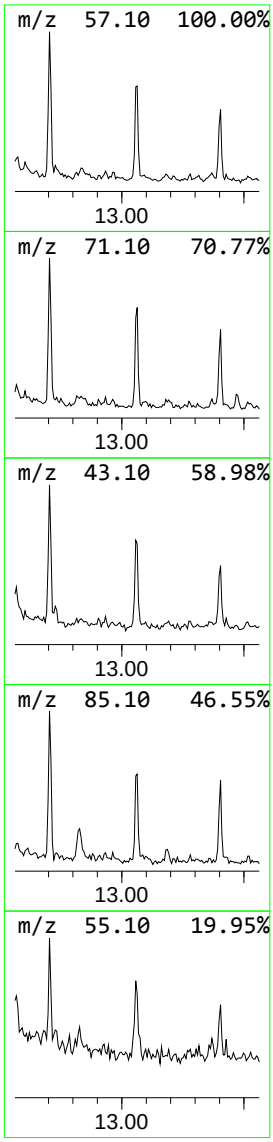
Peak Number 15 Pentacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	2.46 ng	144963	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	86
5	Nonadecane	268	C19H40	000629-92-5	86





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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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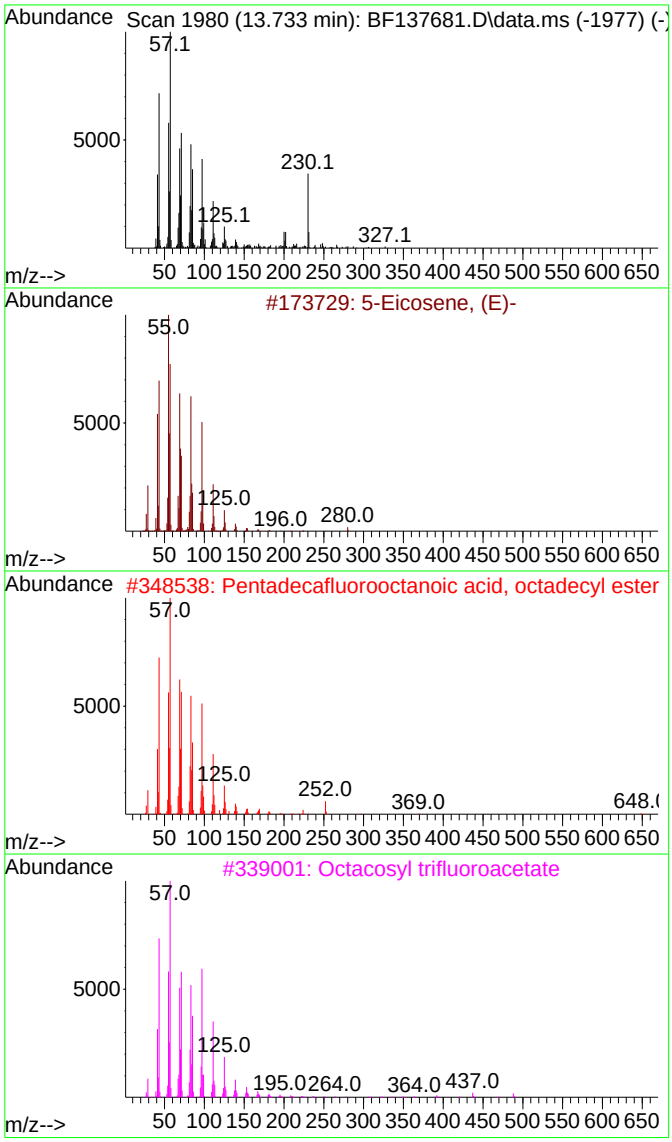
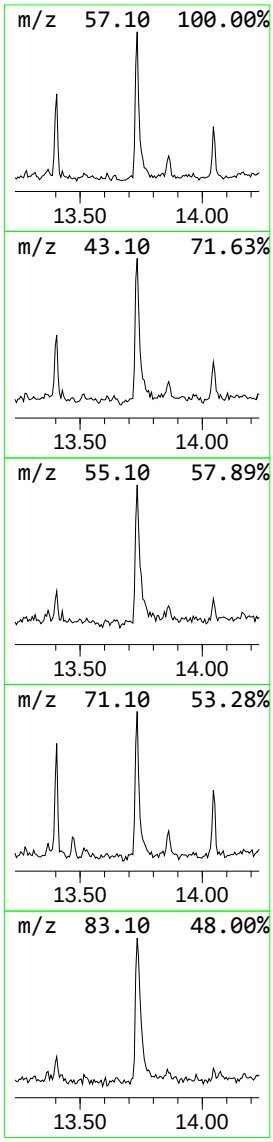
Peak Number 16 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	5.45 ng	321267	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	90
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90





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

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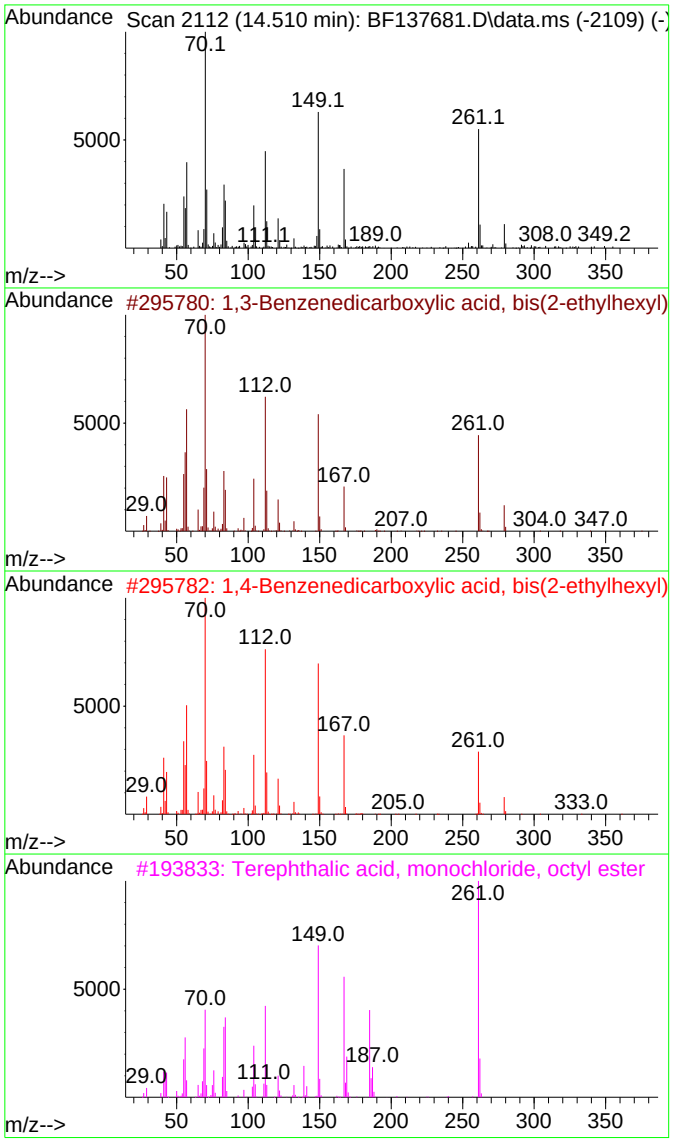
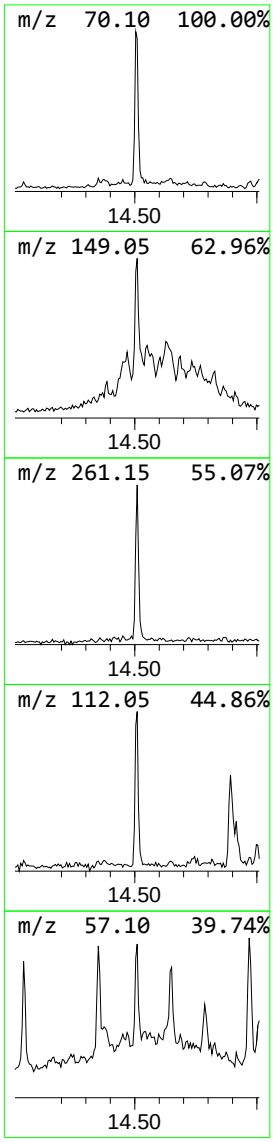
Peak Number 17 1,3-Benzenedicarboxylic aci... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	2.87 ng	169415	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	52
3	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	47
4	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	47
5	Terephthalic acid, phenyl octyl ...	354	C22H26O4	1000324-06-6	27





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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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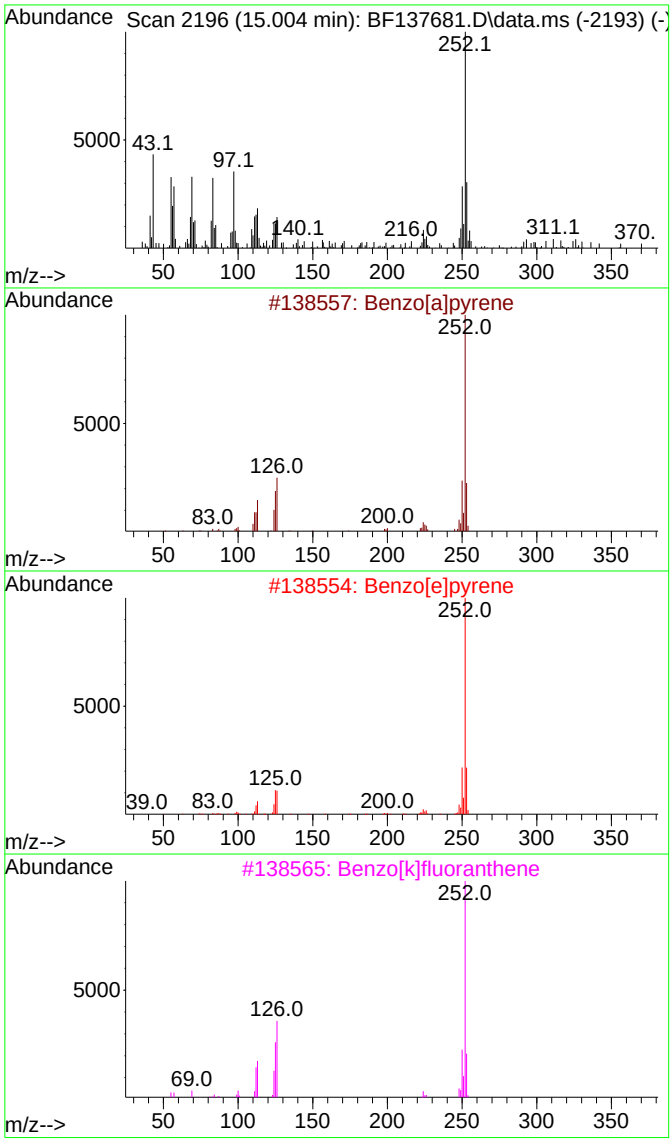
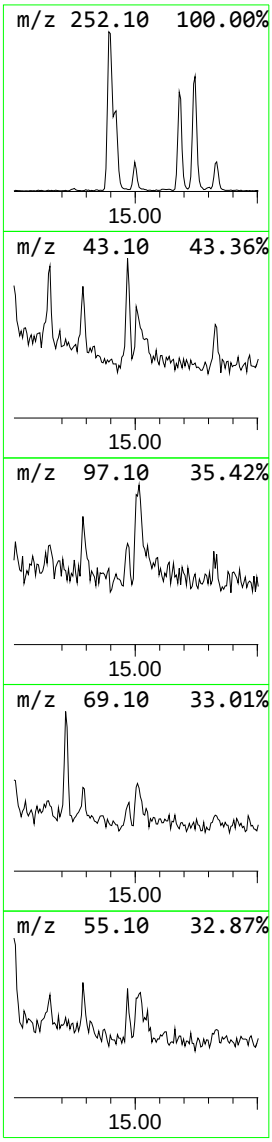
Peak Number 18 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	2.20 ng	111628	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	60
2	Benzo[e]pyrene	252	C20H12	000192-97-2	60
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	55
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	53
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	52





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Misc :
ALS Vial : 6 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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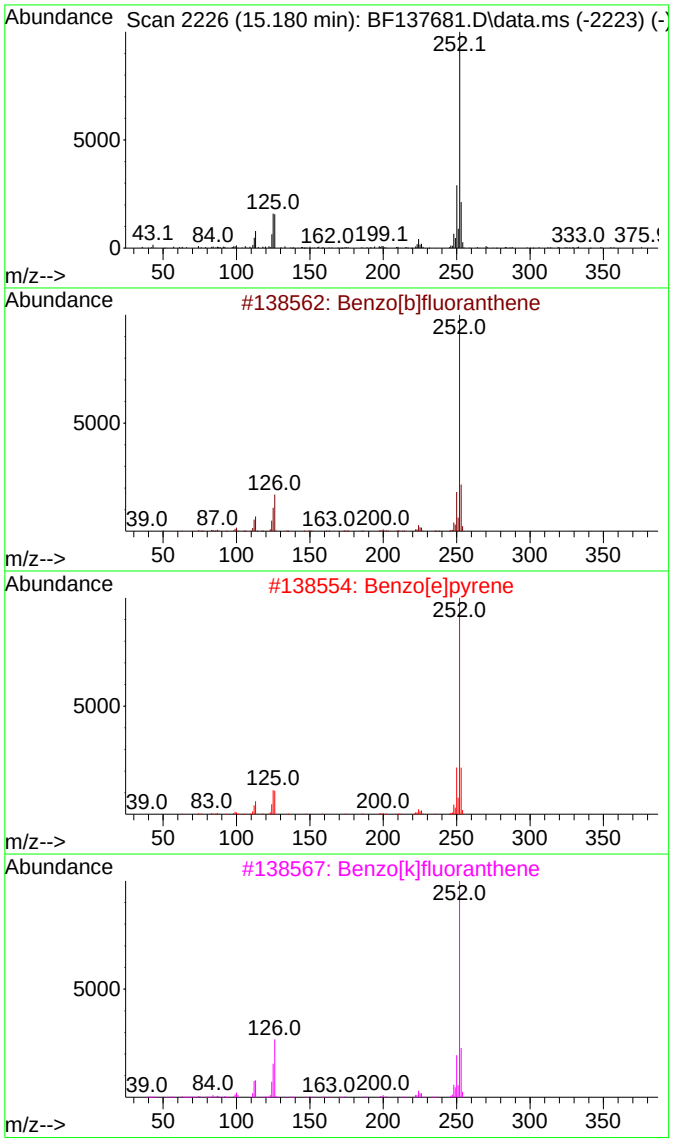
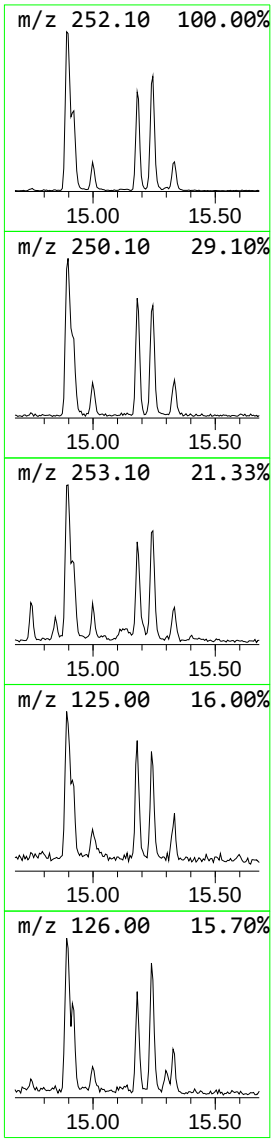
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	2.88 ng	146245	Perylene-d12	15.304

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137681.D
Acq On : 22 Mar 2024 14:56
Operator : CG\JU
Sample : P1827-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

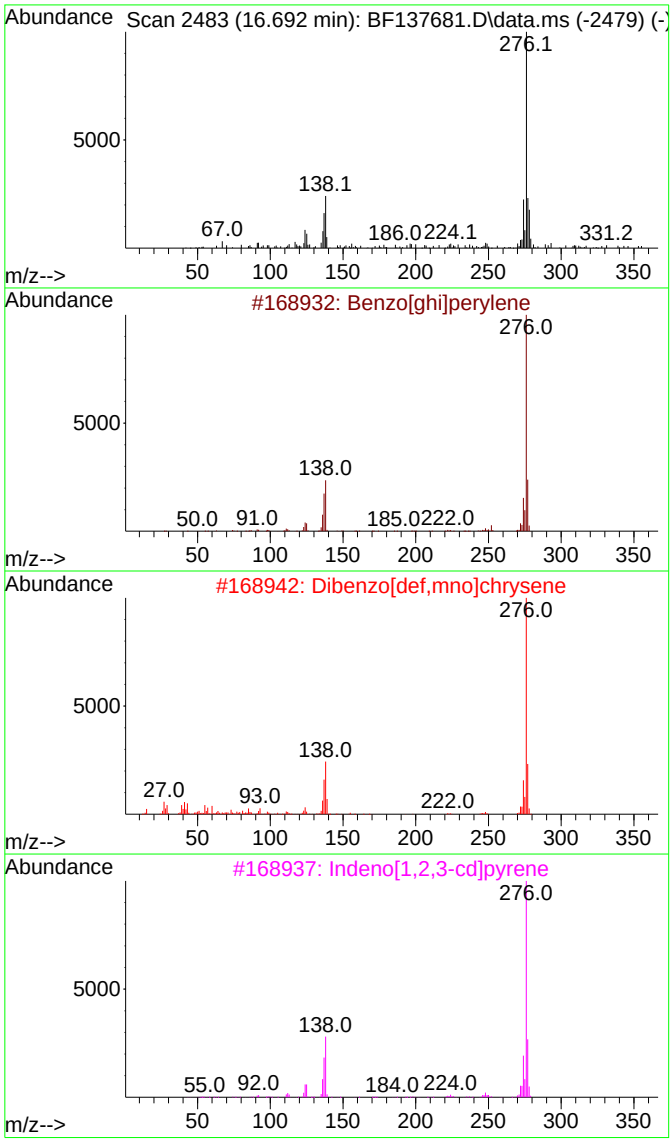
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

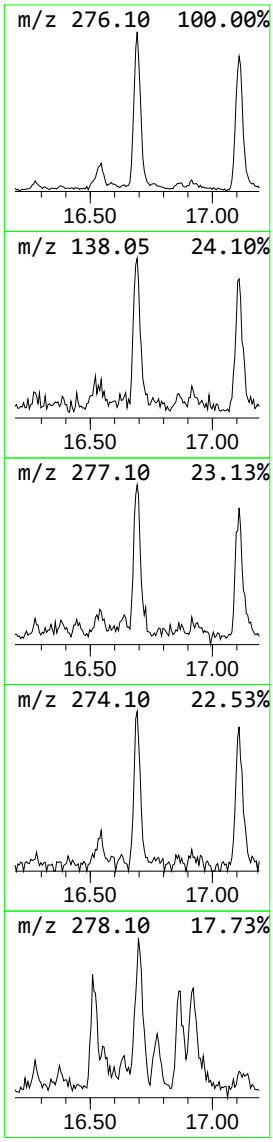
****

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.692	2.06 ng	104548	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	90
5	Ethyl 5-pentyl-2-thioxo-1,3-dith...	276	C11H16O2S3	120356-16-3	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137681.D
Acq On : 22 Mar 2024 14:56
Operator : CG\JU
Sample : P1827-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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
Hexadecane	8.598	2.9	ng	229530	2	8.010	1563340	20.0
Tetradecane	9.163	4.1	ng	308384	3	9.757	1508620	20.0
2,6,10-Trimethy...	9.486	2.1	ng	158415	3	9.757	1508620	20.0
Dodecane	9.692	4.3	ng	322375	3	9.757	1508620	20.0
Heptadecane	10.192	4.6	ng	346052	3	9.757	1508620	20.0
Hexadecane, 2,6...	10.410	2.6	ng	199775	3	9.757	1508620	20.0
Nonane, 5-butyl-	10.663	8.3	ng	565053	4	11.239	1361950	20.0
Octadecane	11.110	5.0	ng	337419	4	11.239	1361950	20.0
Dodecane, 1-iodo-	11.139	2.5	ng	173700	4	11.239	1361950	20.0
Heneicosane	11.539	3.9	ng	266899	4	11.239	1361950	20.0
n-Hexadecanoic ...	11.780	5.1	ng	349729	4	11.239	1361950	20.0
Eicosane	11.945	3.3	ng	222901	4	11.239	1361950	20.0
4,5-Dichloro-2-...	12.251	4.4	ng	301478	4	11.239	1361950	20.0
Heptacosane	12.333	3.6	ng	242412	4	11.239	1361950	20.0
Pentacosane	13.063	2.5	ng	144963	5	13.874	1178610	20.0
5-Eicosene, (E)-	13.733	5.5	ng	321267	5	13.874	1178610	20.0
1,3-Benzenedica...	14.510	2.9	ng	169415	5	13.874	1178610	20.0
Benzo[e]pyrene	15.004	2.2	ng	111628	6	15.304	1016110	20.0
Benzo[j]fluoran...	15.180	2.9	ng	146245	6	15.304	1016110	20.0
Dibenzo[def,mno...	16.692	2.1	ng	104548	6	15.304	1016110	20.0