LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125137.D
Acq On : 20 Aug 2021 16:24
Operator : JU/CG
Sample : M3465-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CON-A

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125137.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	16	23	29	rVB	953725	1260809	24.66%	2.312%
2	4.528	410	415	420	rBV	1024813	1139769	22.29%	2.090%
3	5.140	514	519	532	rVB	1056750	1138502	22.27%	2.088%
4	5.534	581	586	589	rBV	2742839	2411308	47.16%	4.422%
5	6.534	751	756	759	rBV	2875613	2934309	57.39%	5.381%
6	6.922	818	822	825	rBV	1132985	991276	19.39%	1.818%
7	7.481	912	917	920	rBV	2419332	2074679	40.58%	3.804%
8	8.098	1019	1022	1025	rBV	163648	139343	2.73%	0.256%
9	8.204	1036	1040	1043	rVB	1509288	1280155	25.04%	2.347%
10	9.281	1218	1223	1226	rBV	3951708	3665483	71.69%	6.722%
11	9.675	1286	1290	1292	rBV3	98228	126641	2.48%	0.232%
12	9.863	1318	1322	1323	rBV2	88680	110745	2.17%	0.203%
13	9.886	1323	1326	1330	rVV	482169	407274	7.97%	0.747%
14	9.928	1330	1333	1335	rVV	146194	165092	3.23%	0.303%
15	9.957	1335	1338	1342	rVB	1730233	1521331	29.75%	2.790%
16	10.028	1348	1350	1352	rVB2	100761	77291	1.51%	0.142%
17	10.116	1362	1365	1368	rBV2	185742	291696	5.70%	0.535%
18	10.145	1368	1370	1373	rVV2	172109	159019	3.11%	0.292%
19	10.175	1373	1375	1377	rVV3	139245	139540	2.73%	0.256%
20	10.210	1378	1381	1385	rVV2	324402	538018	10.52%	0.987%
21	10.245	1385	1387	1389	rVV	289379	221773	4.34%	0.407%
22	10.386	1405	1411	1414	rBV	1985037	2122143	41.50%	3.891%
23	10.422	1414	1417	1419	rVV	311309	360458	7.05%	0.661%
24	10.445	1419	1421	1426	rVV5	316276	475957	9.31%	0.873%
25	10.610	1444	1449	1452	rBV	1431408	1958638	38.31%	3.592%
26	10.698	1461	1464	1467	rBV2	495648	581097	11.37%	1.066%
27	10.733	1467	1470	1471	rBV	659065	698739	13.67%	1.281%
28	10.869	1489	1493	1498	rBV	3609319	5112992	100.00%	9.376%
29	11.010	1515	1517	1521	rBV3	611593	677071	13.24%	1.242%
30	11.057	1523	1525	1527	rBV	641367	651537	12.74%	1.195%
31	11.322	1566	1570	1572	rBV	3973348	3642991	71.25%	6.680%
32	11.351	1572	1575	1580	rVB	1980233	2240032	43.81%	4.108%
33	11.451	1590	1592	1595	rBV2	1129879	1110750	21.72%	2.037%
34	11.745	1639	1642	1645	rBV	3164569	2753679	53.86%	5.050%
35	12.151	1708	1711	1715	rVB	2894090	2423199	47.39%	4.444%
36	12.533	1773	1776	1780	rVB	1754014	1535402	30.03%	2.816%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125137.D
Acq On : 20 Aug 2021 16:24
Operator : JU/CG
Sample : M3465-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CON-A

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.904	1837	1839	1842	rVB	871669	661400	12.94%	1.213%
38	13.033	1857	1861	1865	rVB	2977222	2852396	55.79%	5.231%
39	13.257	1897	1899	1902	rVB	311690	266738	5.22%	0.489%
40	13.604	1955	1958	1964	rVB2	118337	143849	2.81%	0.264%
41	13.933	2011	2014	2016	rBV2	76910	90824	1.78%	0.167%
42	14.086	2037	2040	2044	rVB	1031937	902610	17.65%	1.655%
43	14.551	2116	2119	2122	rVB	120609	105318	2.06%	0.193%
44	14.951	2183	2187	2191	rBV2	122986	126926	2.48%	0.233%
45	15.221	2228	2233	2237	rBV	474109	519384	10.16%	0.952%
46	15.586	2290	2295	2299	rBV	771252	945801	18.50%	1.734%
47	15.821	2332	2335	2343	rVB	93082	133783	2.62%	0.245%
48	16.068	2371	2377	2383	rVB	378834	571828	11.18%	1.049%
49	17.215	2568	2572	2579	rVB3	40763	73783	1.44%	0.135%

Sum of corrected areas: 54533378

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
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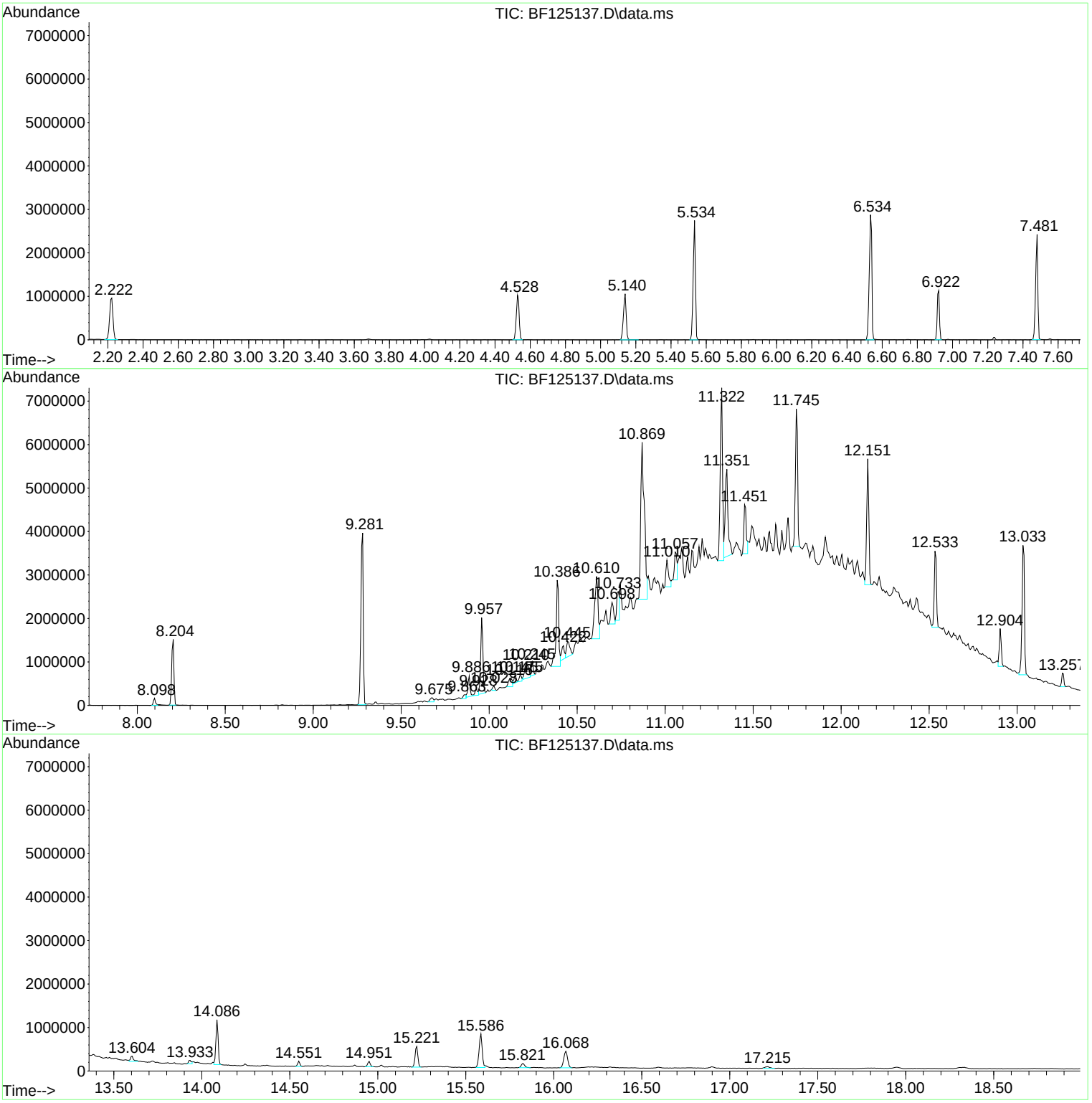
Instrument :
BNA_F
ClientSampleId :
CON-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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\BF082021\
Data File : BF125137.D
Acq On : 20 Aug 2021 16:24
Operator : JU/CG
Sample : M3465-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CON-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

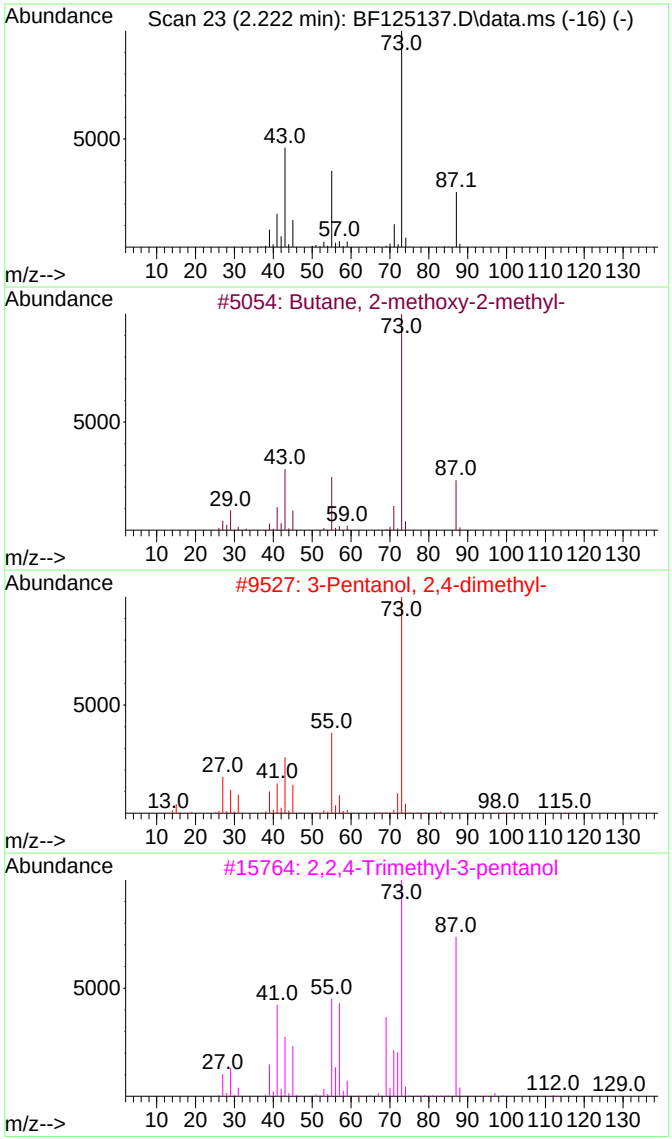
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

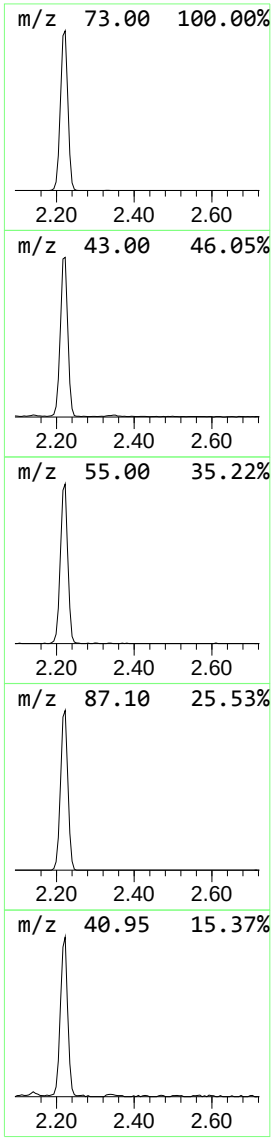
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.222	25.44 ng	1260810	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125137.D
Acq On : 20 Aug 2021 16:24
Operator : JU/CG
Sample : M3465-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CON-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

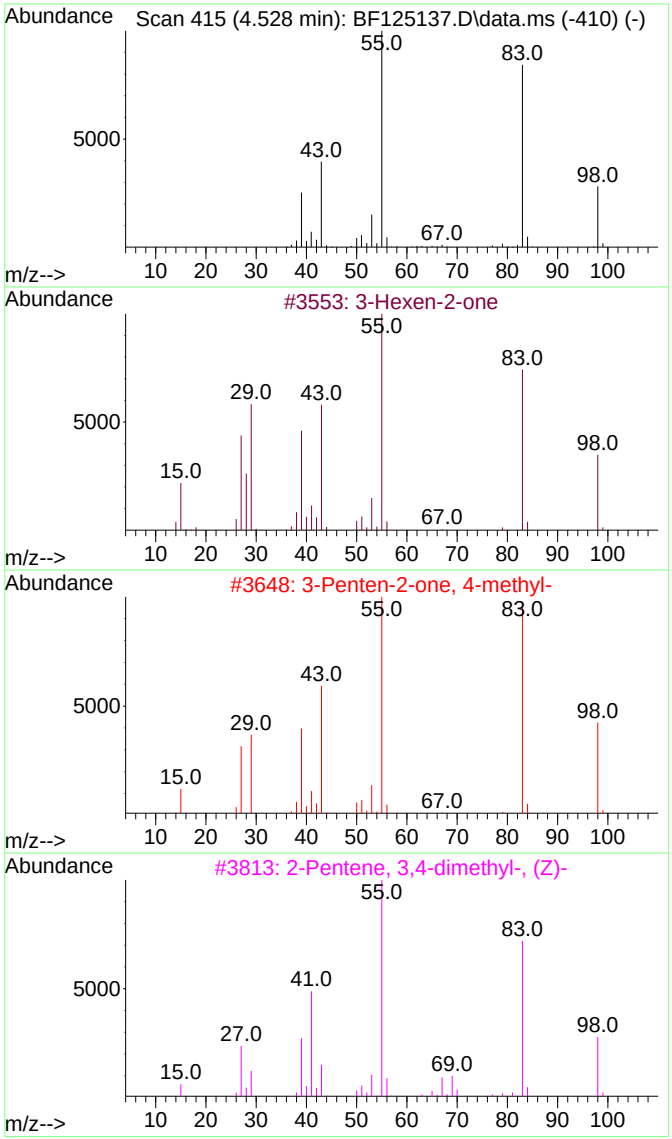
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

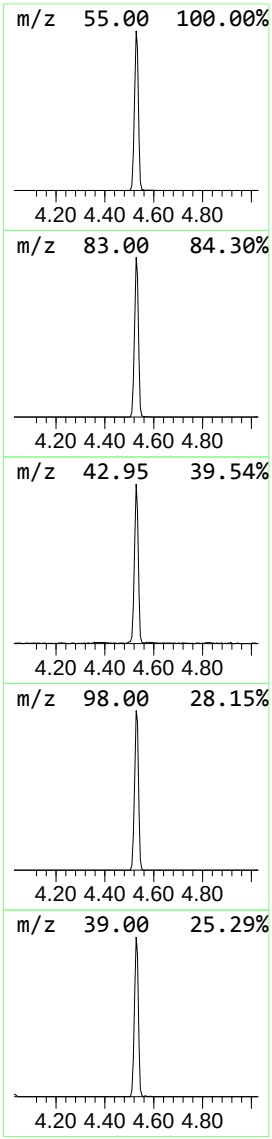
****

Peak Number 2 3-Hexen-2-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.528	23.00 ng	1139770	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125137.D
Acq On : 20 Aug 2021 16:24
Operator : JU/CG
Sample : M3465-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CON-A

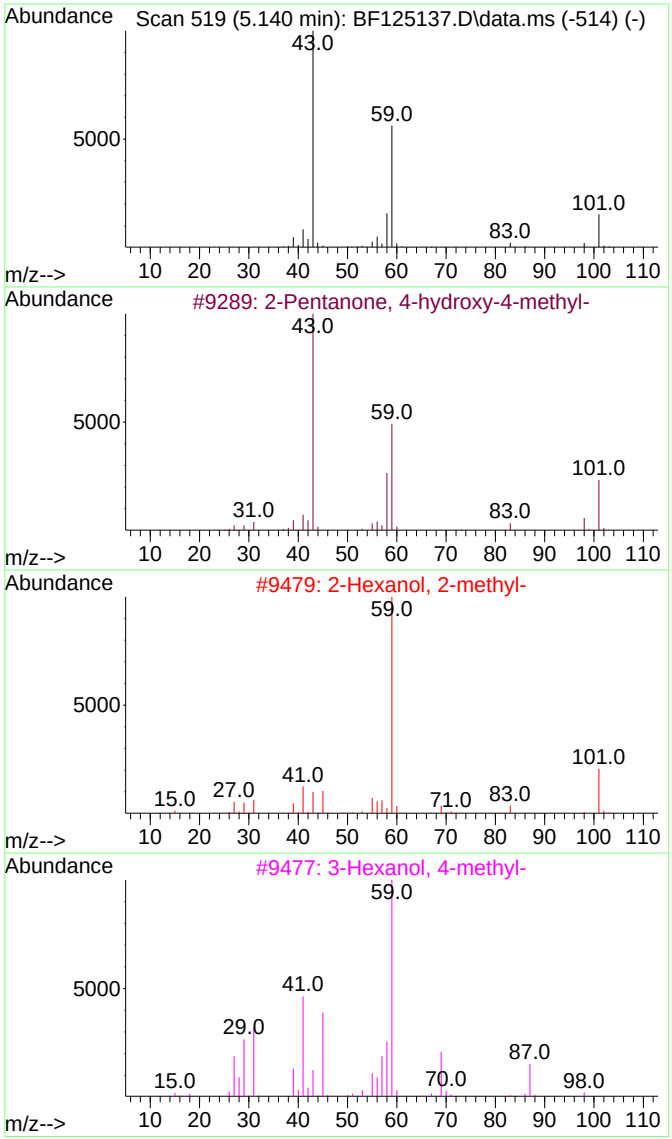
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

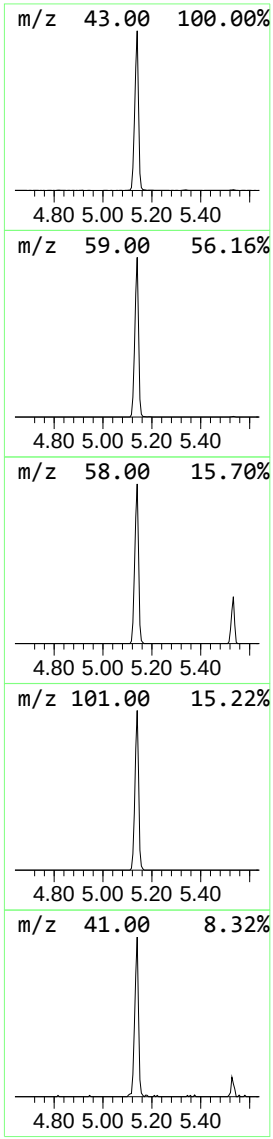
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.140	22.97 ng	1138500	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125137.D
Acq On : 20 Aug 2021 16:24
Operator : JU/CG
Sample : M3465-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CON-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

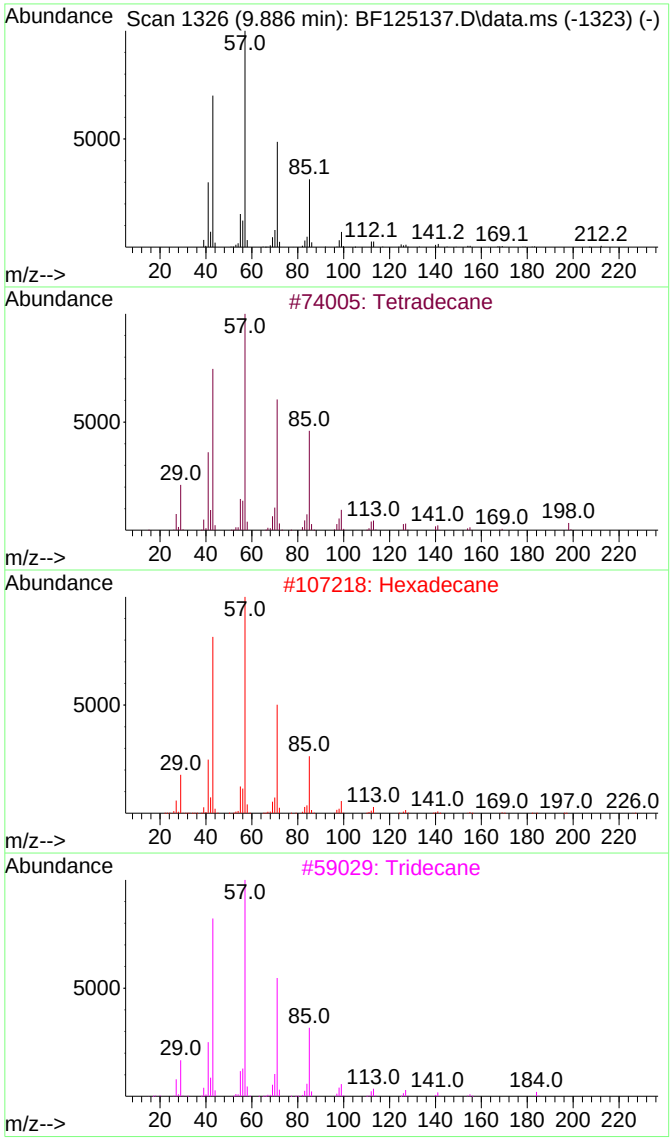
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

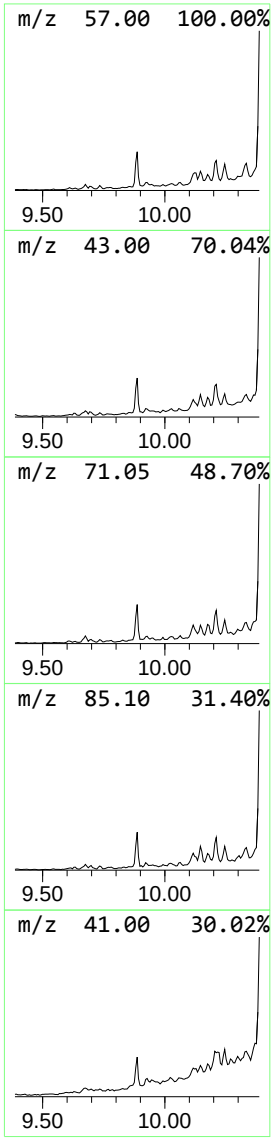
****

Peak Number 4 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.886	5.35 ng	407274	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	78
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125137.D
Acq On : 20 Aug 2021 16:24
Operator : JU/CG
Sample : M3465-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CON-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

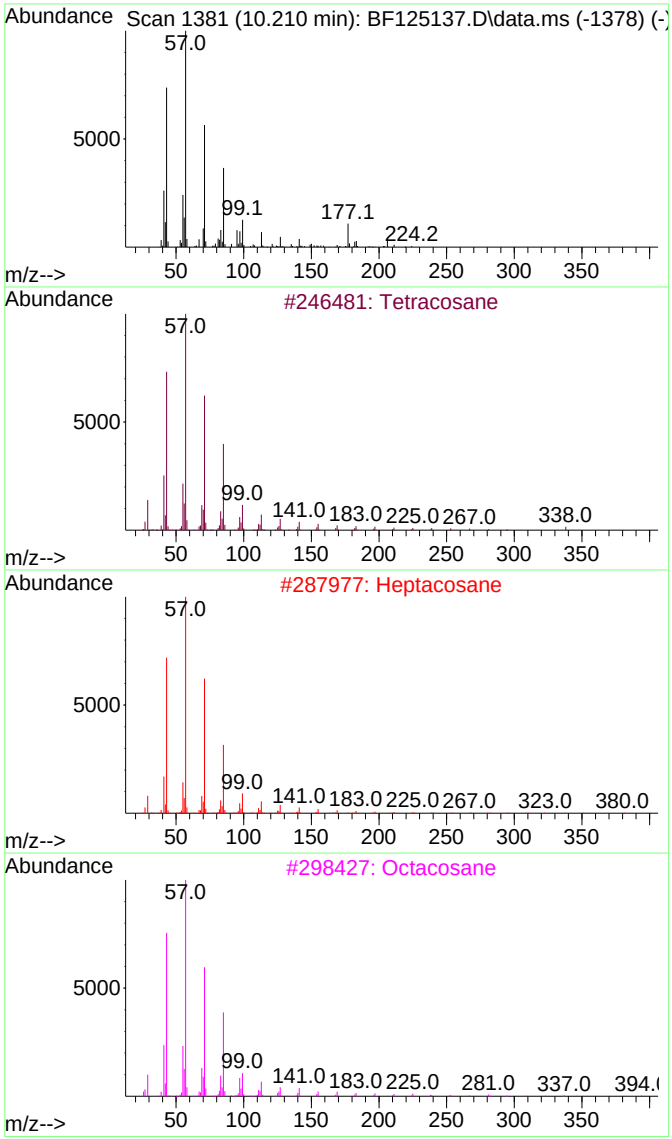
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

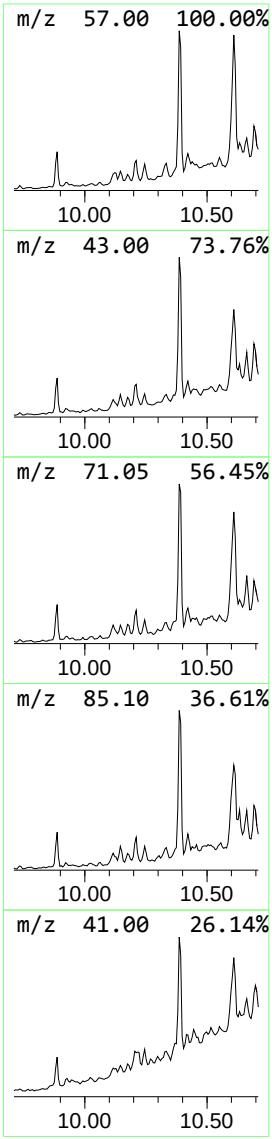
****

Peak Number 5 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.210	7.07 ng	538018	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Heptacosane	380	C27H56	000593-49-7	86
3	Octacosane	394	C28H58	000630-02-4	86
4	Heneicosane	296	C21H44	000629-94-7	78
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72





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Data File : BF125137.D
Acq On : 20 Aug 2021 16:24
Operator : JU/CG
Sample : M3465-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CON-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

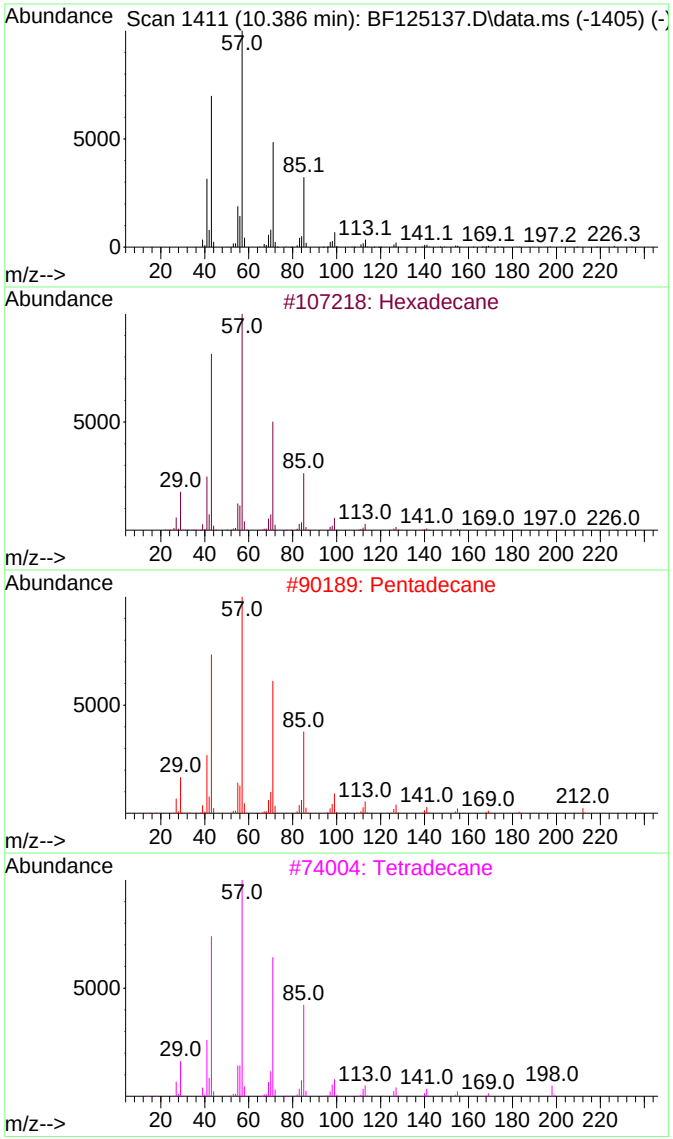
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

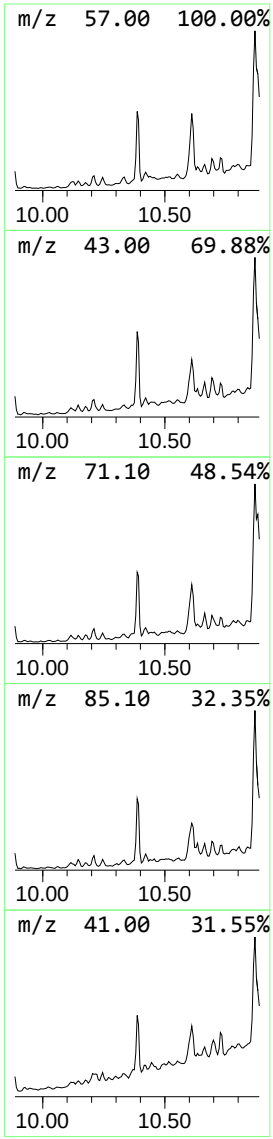
****

Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.386	27.90 ng	2122140	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125137.D
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Operator : JU/CG
Sample : M3465-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CON-A

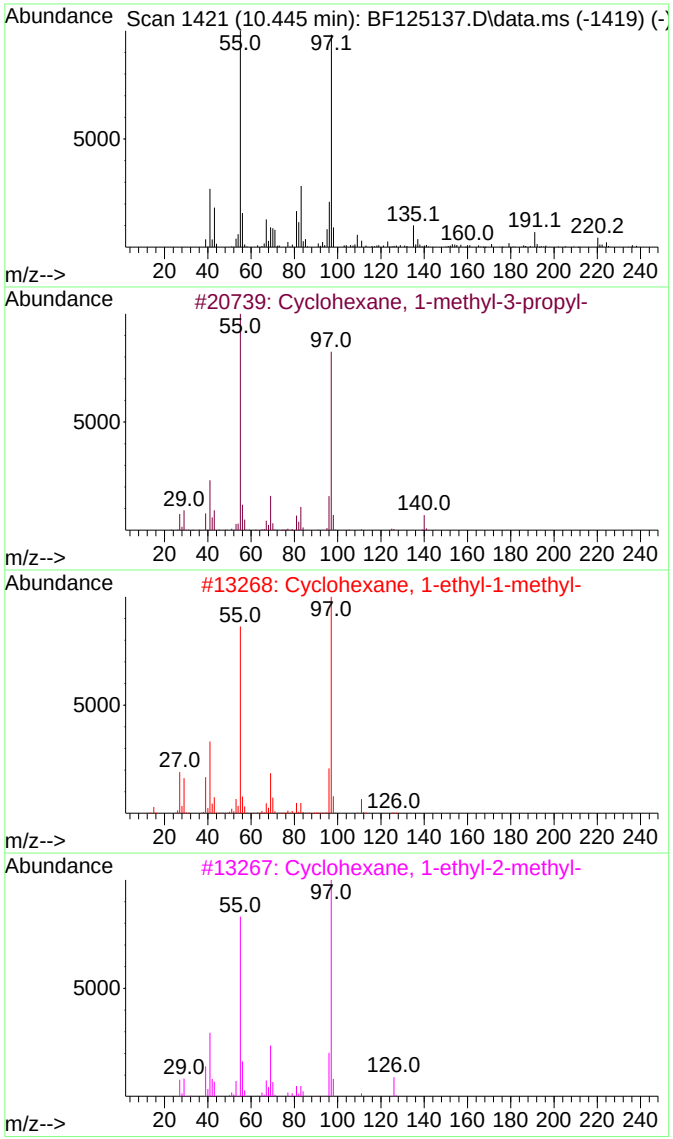
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

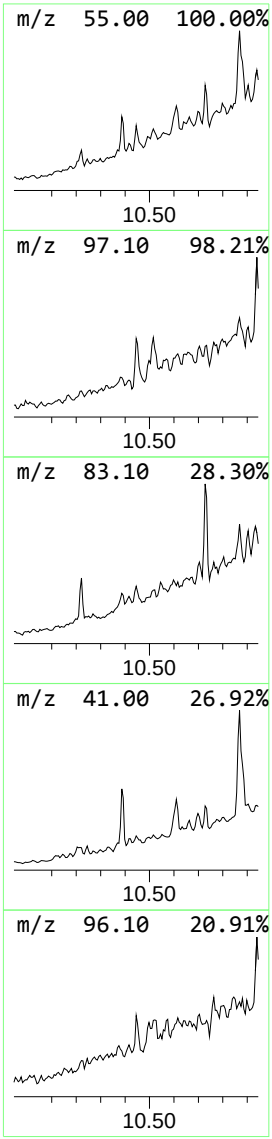
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1-methyl-3-pro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	6.26 ng	475957	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59
4	Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	53
5	1-methyl-1-cyclohexanecarboxylic...	224	C10H15F3O2	1000376-54-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125137.D
Acq On : 20 Aug 2021 16:24
Operator : JU/CG
Sample : M3465-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CON-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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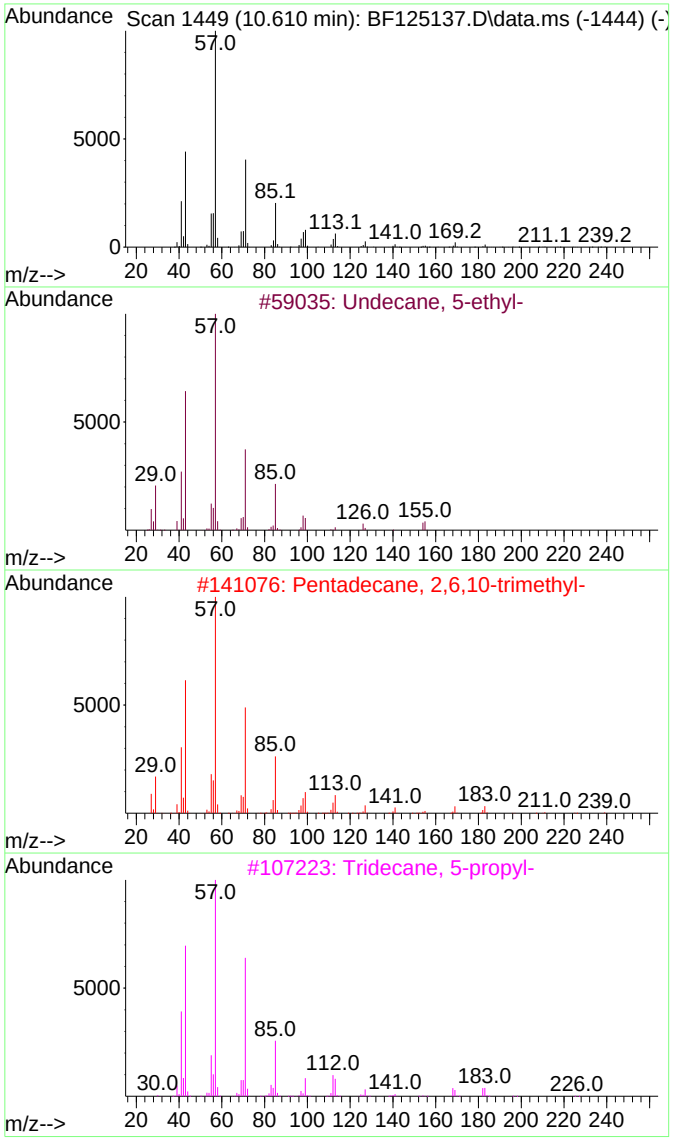
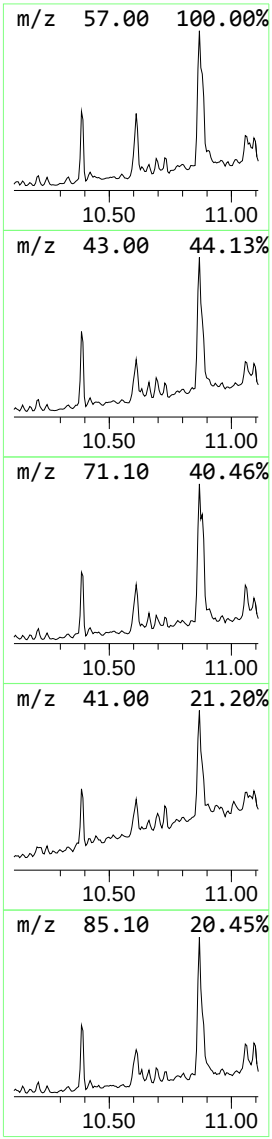
Peak Number 8 Undecane, 5-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	25.75 ng	1958640	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	68
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	68
5	Tetracosane	338	C24H50	000646-31-1	64





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Operator : JU/CG
Sample : M3465-01
Misc :
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ClientSampleId :
CON-A

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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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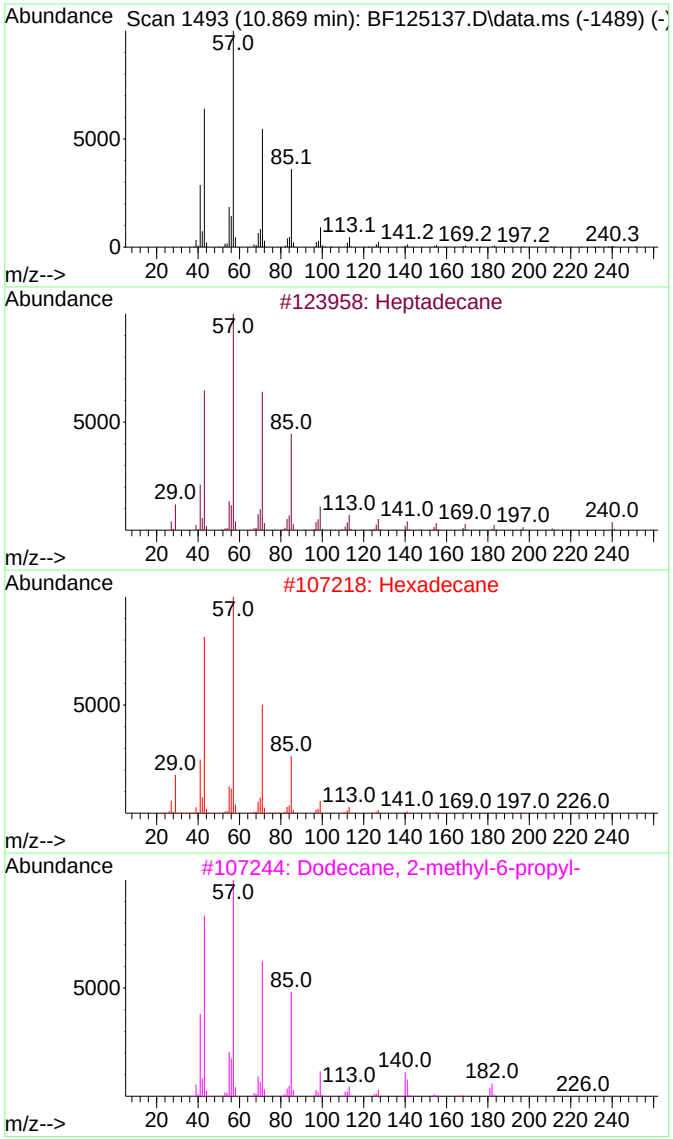
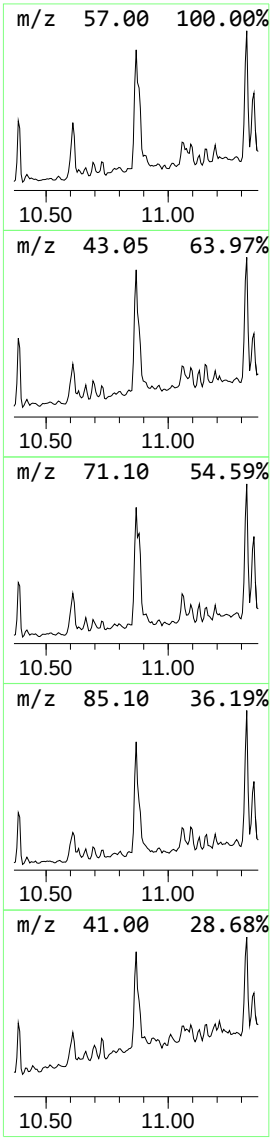
Peak Number 9 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	92.06 ng	5112990	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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ALS Vial : 13 Sample Multiplier: 1

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BNA_F
ClientSampleId :
CON-A

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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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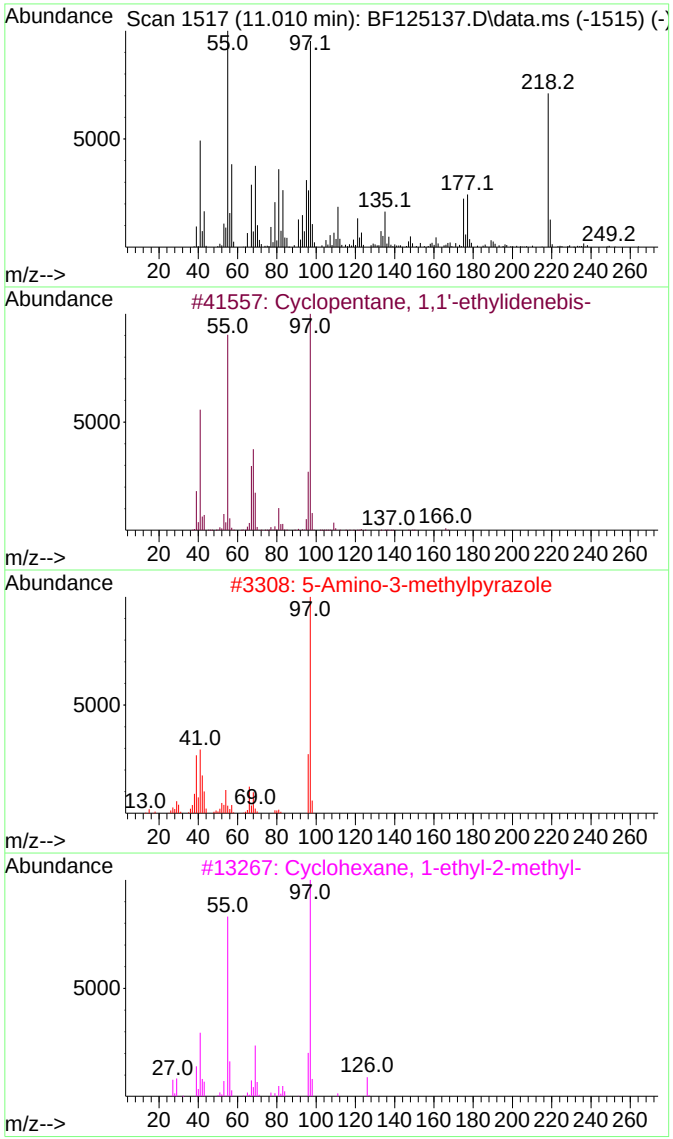
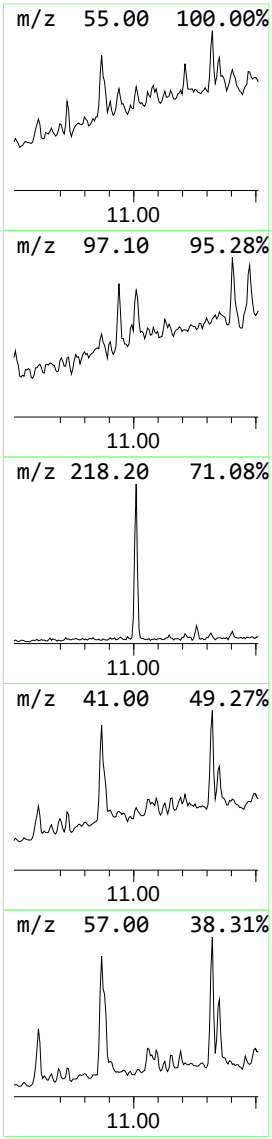
Peak Number 10 unknown11.010 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.010	12.19 ng	677071	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	30
2	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	30
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	27
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	27
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	25





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ClientSampleId :
CON-A

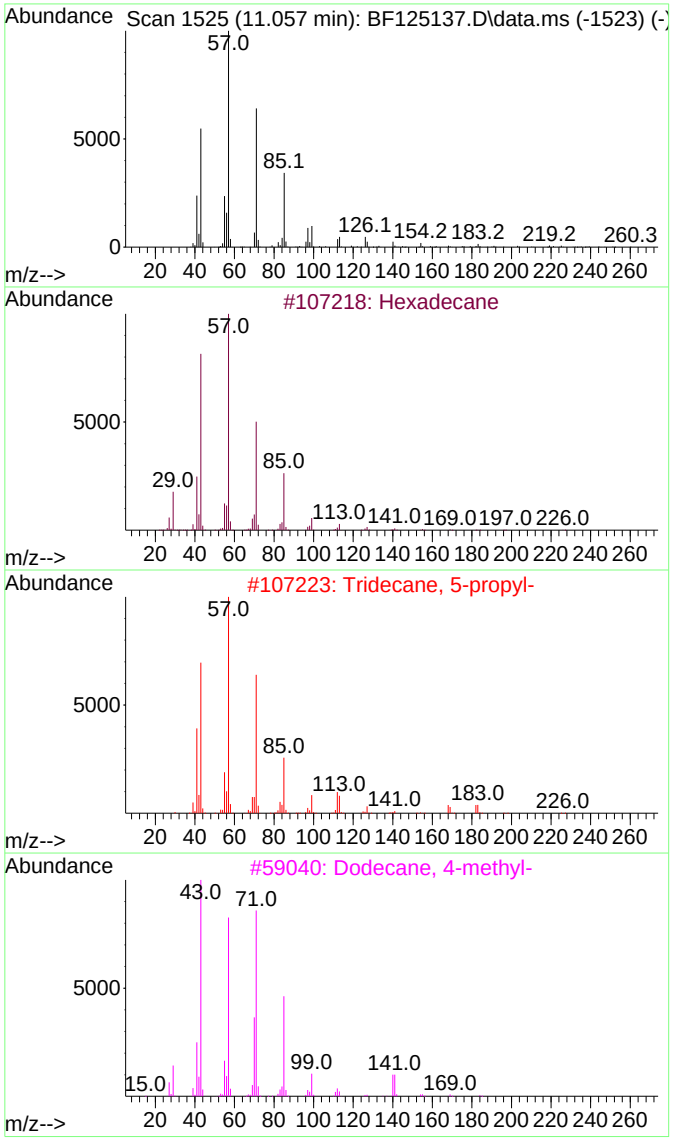
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

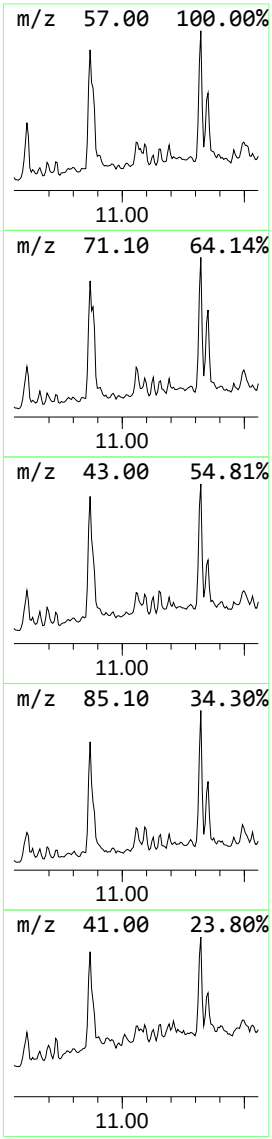
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Tridecane, 5-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.057	11.73 ng	651537	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	59





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
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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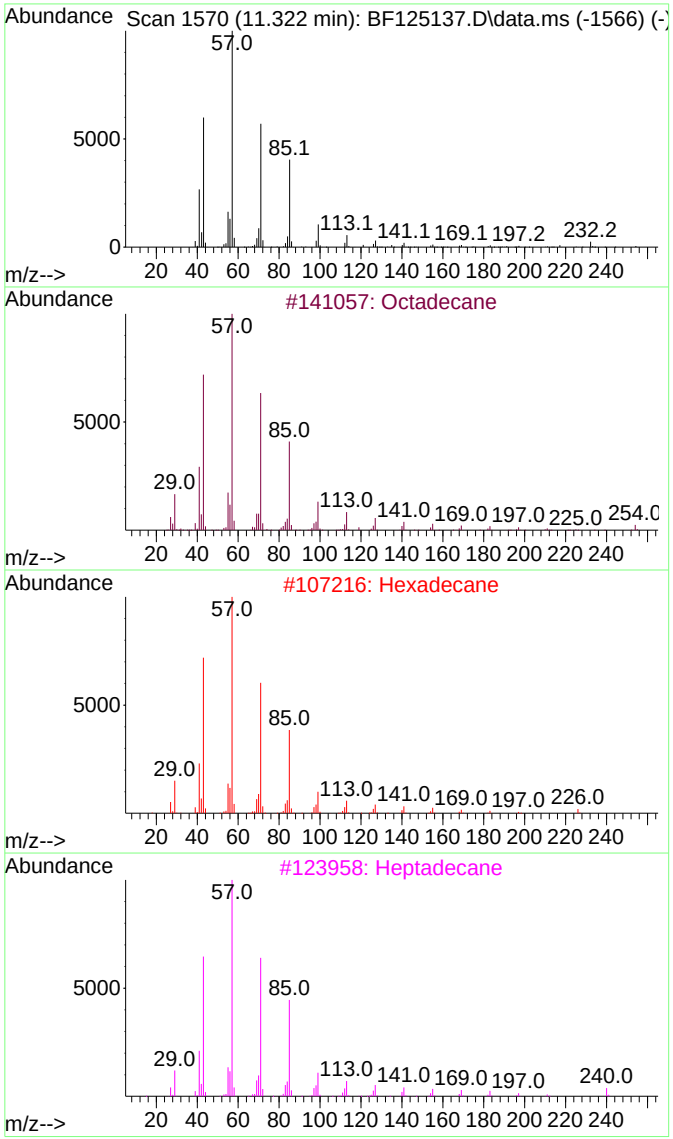
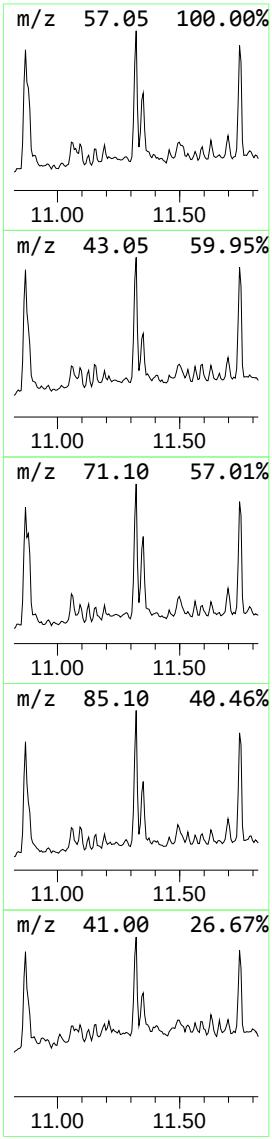
Peak Number 12 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.322	65.60 ng	3642990	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	72
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





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ALS Vial : 13 Sample Multiplier: 1

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BNA_F
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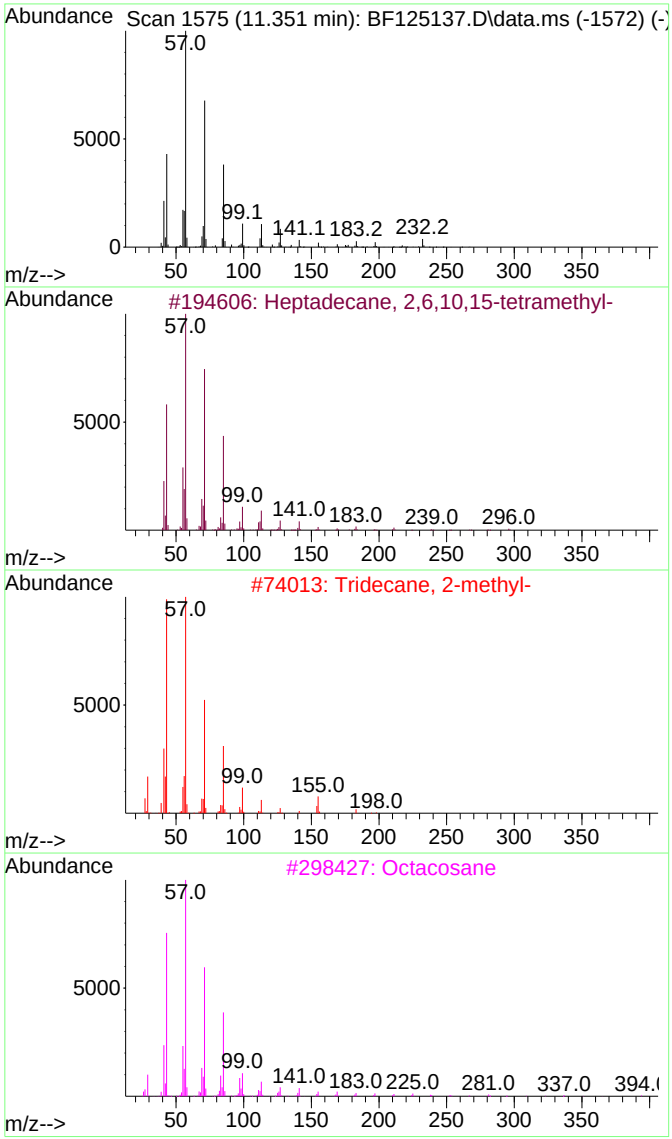
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

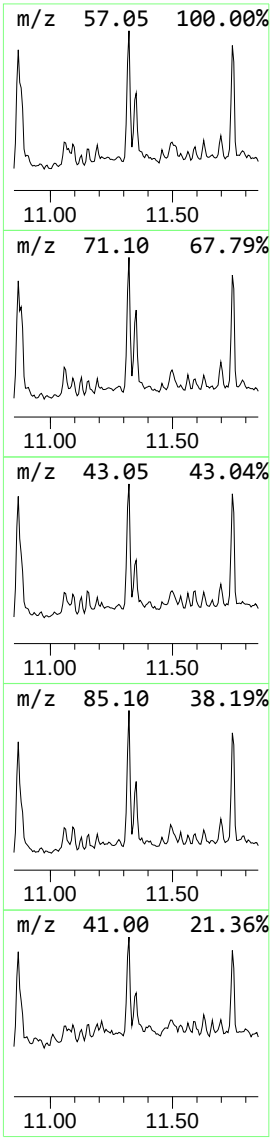
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.351	40.33 ng	2240030	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3	Octacosane	394	C28H58	000630-02-4	86
4	Heptacosane	380	C27H56	000593-49-7	83
5	Decane, 5-propyl-	184	C13H28	017312-62-8	72





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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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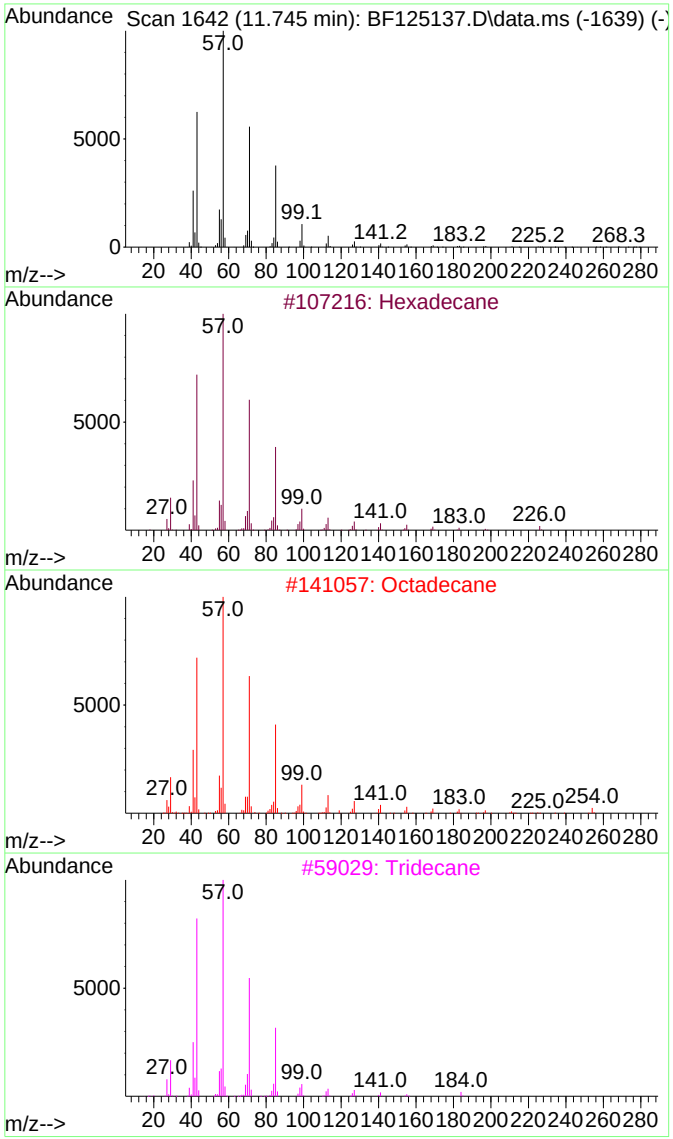
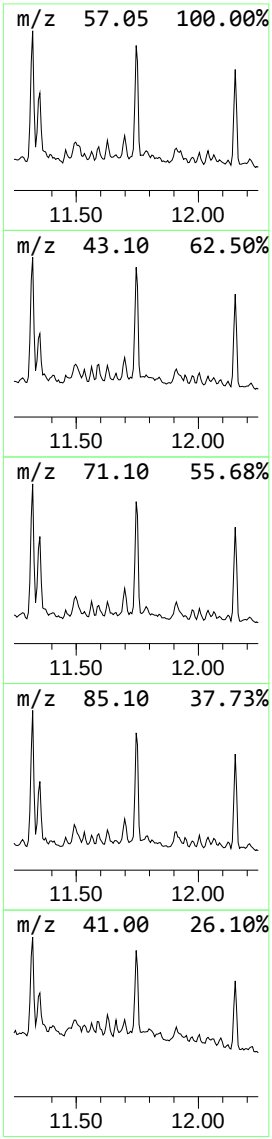
Peak Number 14 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	49.58 ng	2753680	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Tridecane	184	C13H28	000629-50-5	78
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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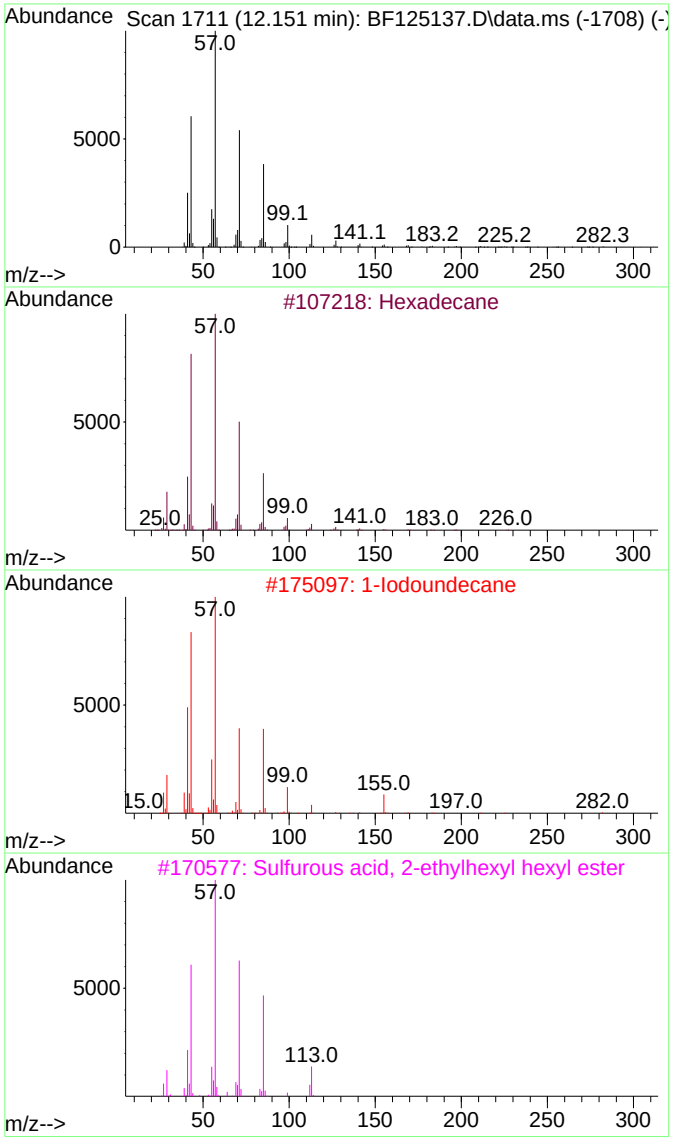
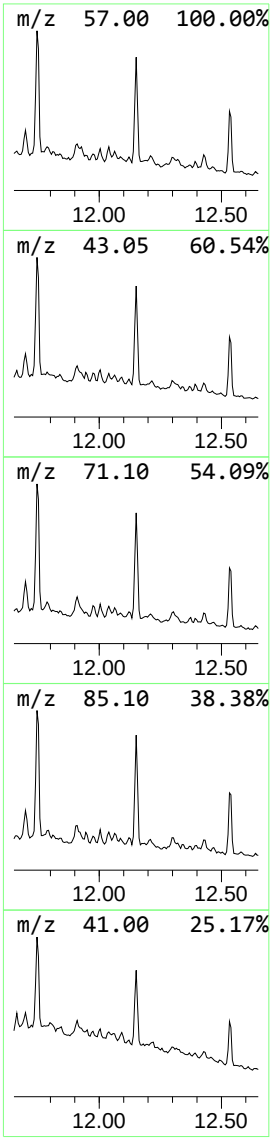
Peak Number 15 1-Iodoundecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	43.63 ng	2423200	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	1-Iodoundecane	282	C11H23I	004282-44-4	76
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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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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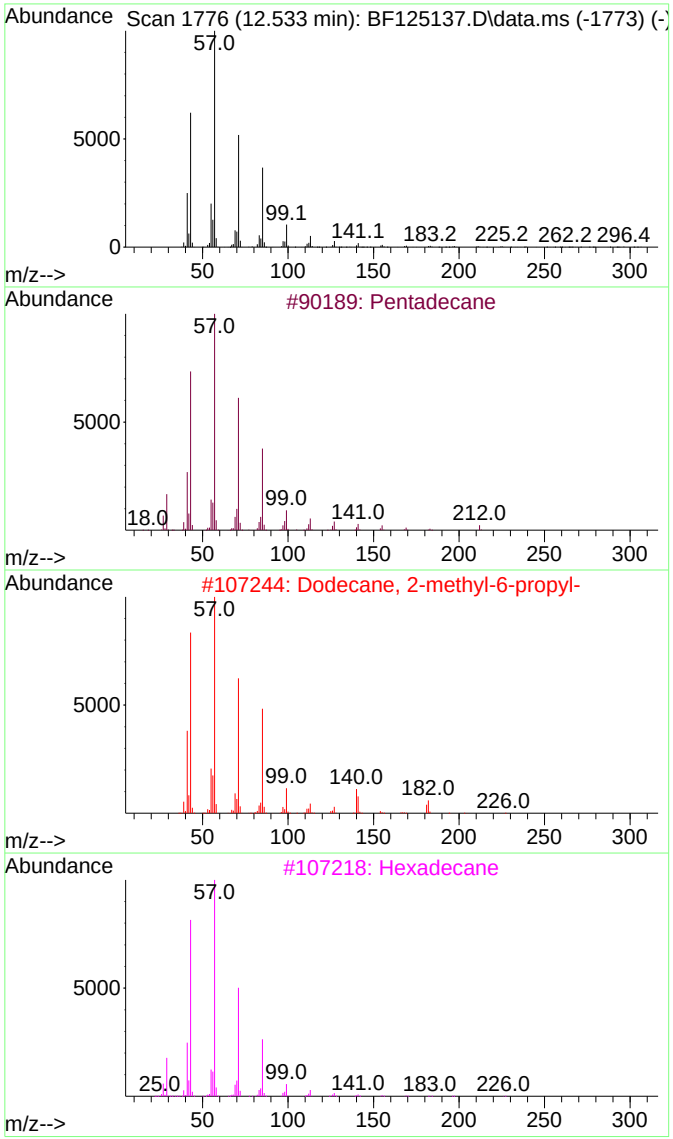
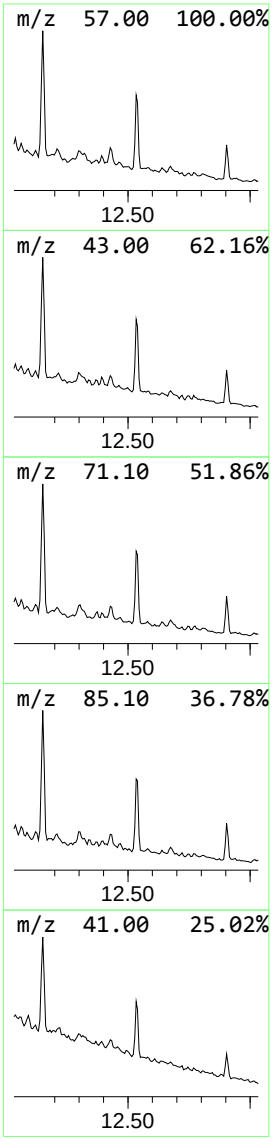
Peak Number 16 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	27.65 ng	1535400	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Hexadecane	226	C16H34	000544-76-3	86
4	Undecane	156	C11H24	001120-21-4	86
5	Heneicosane	296	C21H44	000629-94-7	83





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

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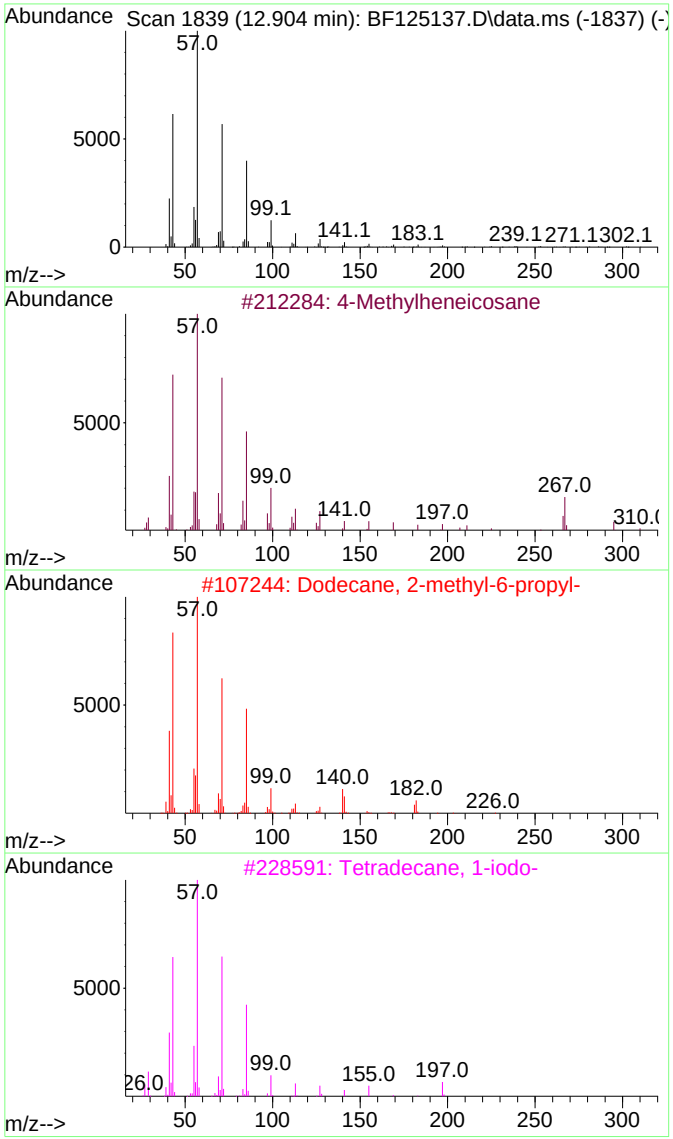
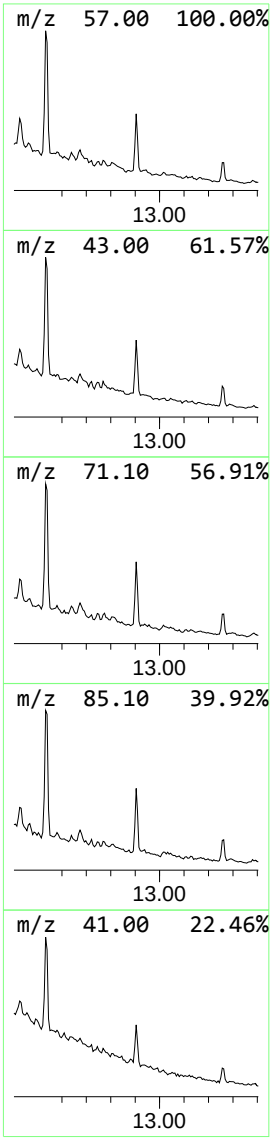
Peak Number 17 4-Methylheneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.904	14.66 ng	661400	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylheneicosane	310	C22H46	025117-29-7	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
5	Heptacosane	380	C27H56	000593-49-7	68





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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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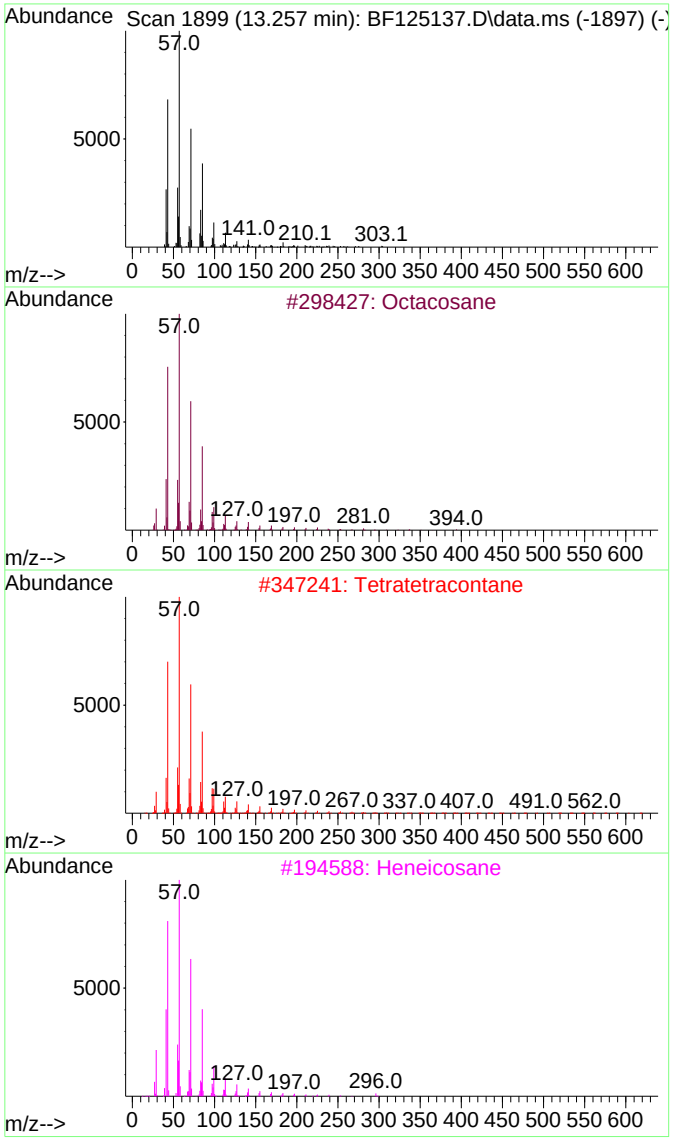
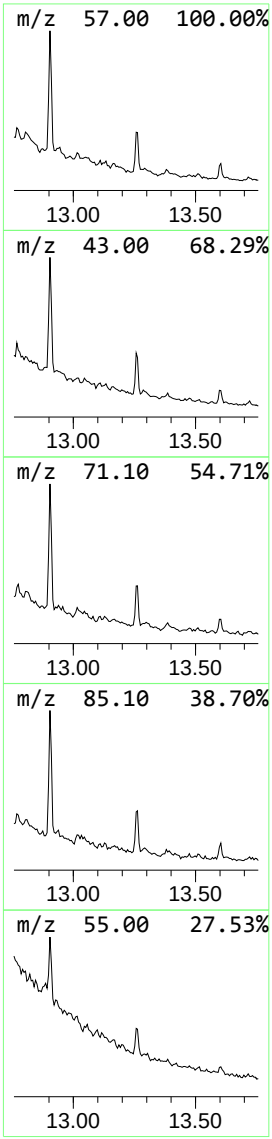
Peak Number 18 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	5.91 ng	266738	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Eicosane	282	C20H42	000112-95-8	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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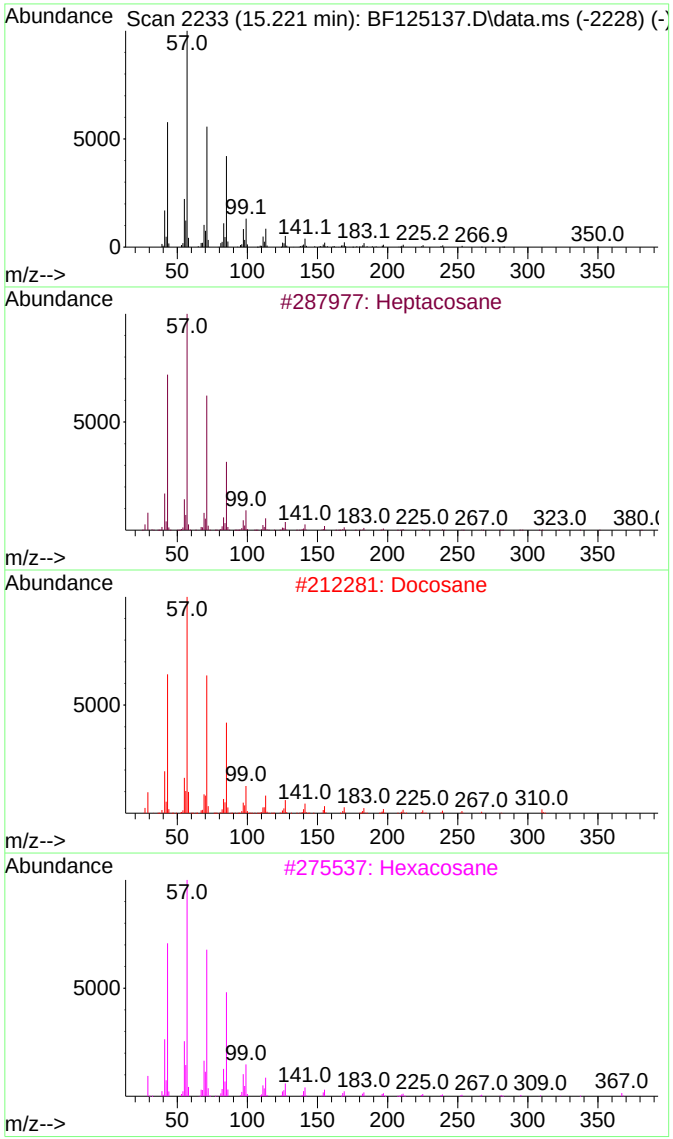
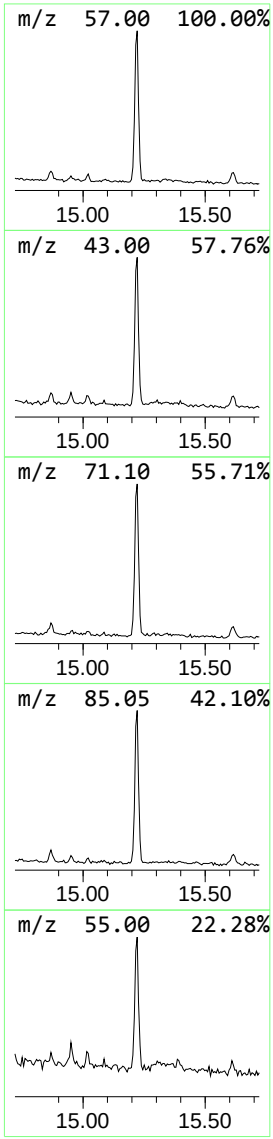
Peak Number 19 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	10.98 ng	519384	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Docosane	310	C22H46	000629-97-0	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5	Pentadecane	212	C15H32	000629-62-9	87





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
CON-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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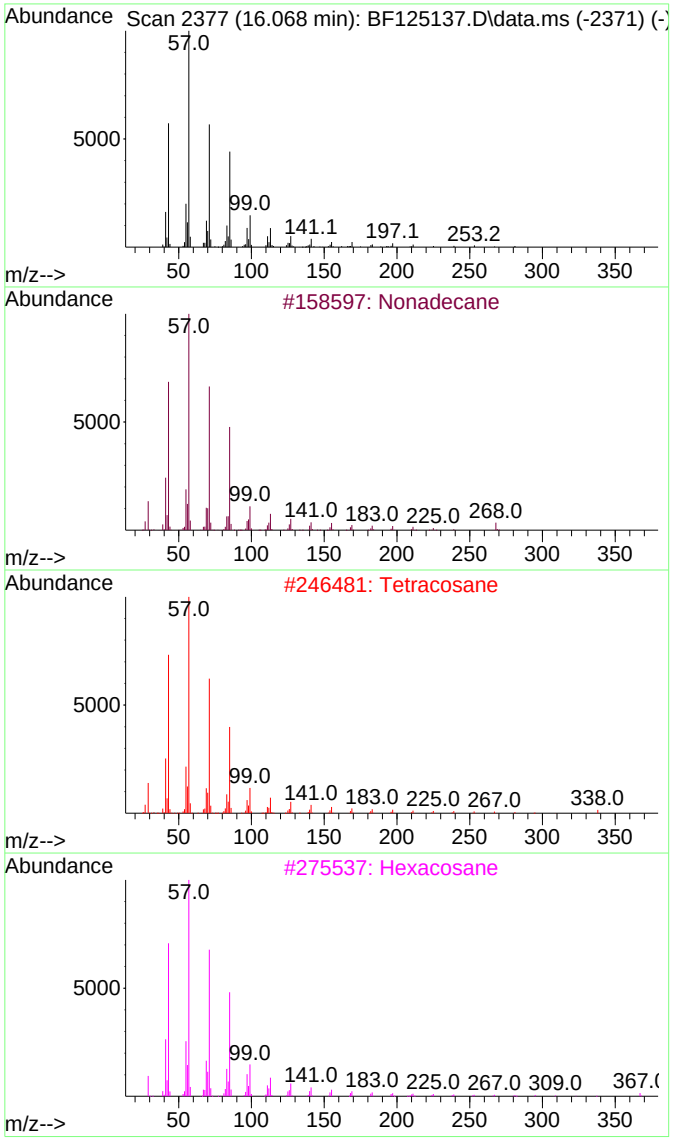
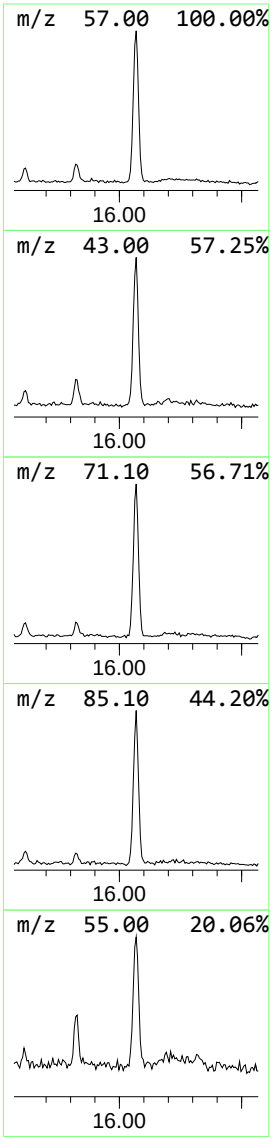
Peak Number 20 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.068	12.09 ng	571828	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125137.D
Acq On : 20 Aug 2021 16:24
Operator : JU/CG
Sample : M3465-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CON-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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...	2.222	25.4	ng	1260810	1	6.922	991276	20.0
3-Hexen-2-one	4.528	23.0	ng	1139770	1	6.922	991276	20.0
2-Pentanone, 4-...	5.140	23.0	ng	1138500	1	6.922	991276	20.0
Tetradecane	9.886	5.3	ng	407274	3	9.957	1521330	20.0
Tetracosane	10.210	7.1	ng	538018	3	9.957	1521330	20.0
Hexadecane	10.386	27.9	ng	2122140	3	9.957	1521330	20.0
Cyclohexane, 1-...	10.445	6.3	ng	475957	3	9.957	1521330	20.0
Undecane, 5-ethyl-	10.610	25.8	ng	1958640	3	9.957	1521330	20.0
Heptadecane	10.869	92.1	ng	5112990	4	11.451	1110750	20.0
unknown11.010	11.010	12.2	ng	677071	4	11.451	1110750	20.0
Tridecane, 5-pr...	11.057	11.7	ng	651537	4	11.451	1110750	20.0
Octadecane	11.322	65.6	ng	3642990	4	11.451	1110750	20.0
Heptadecane, 2,...	11.351	40.3	ng	2240030	4	11.451	1110750	20.0
Tridecane	11.745	49.6	ng	2753680	4	11.451	1110750	20.0
1-Iodoundecane	12.151	43.6	ng	2423200	4	11.451	1110750	20.0
Pentadecane	12.533	27.6	ng	1535400	4	11.451	1110750	20.0
4-Methylheneico...	12.904	14.7	ng	661400	5	14.086	902610	20.0
Octacosane	13.257	5.9	ng	266738	5	14.086	902610	20.0
Heptacosane	15.221	11.0	ng	519384	6	15.586	945801	20.0
Nonadecane	16.068	12.1	ng	571828	6	15.586	945801	20.0