LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

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-BF092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125589.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	10	16	22	rBV	1590424	1992457	34.82%	4.415%
2	4.640	430	434	438	rBV	99077	101318	1.77%	0.224%
3	5.128	512	517	521	rVB2	39652	58134	1.02%	0.129%
4	5.328	545	551	554	rBV2	75072	84893	1.48%	0.188%
5	5.510	577	582	585	rVB	4122412	3915254	68.42%	8.675%
6	5.687	608	612	616	rBV3	43887	69379	1.21%	0.154%
7	5.722	616	618	622	rVB	129297	112920	1.97%	0.250%
8	5.763	622	625	631	rBV3	75637	99245	1.73%	0.220%
9	5.934	647	654	657	rVB4	128968	198087	3.46%	0.439%
10	5.981	657	662	669	rBV3	135549	230188	4.02%	0.510%
11	6.057	672	675	680	rVB2	191417	259482	4.53%	0.575%
12	6.104	680	683	686	rBV	117559	122141	2.13%	0.271%
13	6.151	686	691	697	rBV2	424218	611747	10.69%	1.355%
14	6.210	697	701	703	rVB2	174785	167334	2.92%	0.371%
15	6.234	703	705	709	rBV3	59257	70395	1.23%	0.156%
16	6.340	718	723	727	rBV	210589	268280	4.69%	0.594%
17	6.381	727	730	731	rBV2	94940	73296	1.28%	0.162%
18	6.398	731	733	736	rVB	180876	151174	2.64%	0.335%
19	6.440	736	740	747	rBV4	132131	271190	4.74%	0.601%
20	6.510	747	752	755	rBV	3659053	4031195	70.45%	8.932%
21	6.640	770	774	777	rBV2	117346	152766	2.67%	0.338%
22	6.681	779	781	785	rVB	71993	61970	1.08%	0.137%
23	6.840	802	808	811	rBV6	33520	63261	1.11%	0.140%
24	6.893	814	817	820	rBV	1306590	1095110	19.14%	2.426%
25	7.045	840	843	847	rVB	98379	84987	1.49%	0.188%
26	7.451	907	912	915	rBV	2767227	2567706	44.87%	5.689%
27	8.075	1014	1018	1031	rBV	1129589	919706	16.07%	2.038%
28	8.175	1031	1035	1038	rBV	1851219	1482940	25.92%	3.286%
29	9.251	1213	1218	1221	rBV	5760408	5157977	90.14%	11.429%
30	9.934	1330	1334	1337	rBV	1910197	1706238	29.82%	3.781%
31	10.716	1463	1467	1471	rBV	3368119	3319341	58.01%	7.355%
32	11.416	1582	1586	1590	rBV	2243686	1807988	31.60%	4.006%
33	11.810	1650	1653	1657	rVB	100193	78663	1.37%	0.174%
34	11.939	1670	1675	1680	rBV	689827	804766	14.06%	1.783%
35	12.663	1789	1798	1805	rBV3	69779	226303	3.95%	0.501%
36	12.727	1805	1809	1821	rVB	415481	429296	7.50%	0.951%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

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-BF092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.004	1852	1856	1860	rBV	5751172	5722259	100.00%	12.679%
38	13.657	1960	1967	1978	rBV2	107726	244591	4.27%	0.542%
39	13.904	2005	2009	2019	rBV2	585983	793192	13.86%	1.758%
40	14.057	2030	2035	2038	rBV	1940698	1707228	29.83%	3.783%
41	14.227	2060	2064	2070	rVB	99906	97520	1.70%	0.216%
42	14.339	2076	2083	2088	rBV	139832	238304	4.16%	0.528%
43	14.404	2088	2094	2102	rVV2	153677	345072	6.03%	0.765%
44	14.533	2112	2116	2124	rBV3	145348	205972	3.60%	0.456%
45	14.845	2165	2169	2174	rVB	108675	110126	1.92%	0.244%
46	14.921	2177	2182	2191	rVB	154913	235035	4.11%	0.521%
47	15.192	2223	2228	2231	rBV	116255	134536	2.35%	0.298%
48	15.533	2281	2286	2291	rBV2	1161012	1434800	25.07%	3.179%
49	15.580	2291	2294	2303	rVB	102592	226124	3.95%	0.501%
50	16.021	2361	2369	2375	rBV3	90701	228732	4.00%	0.507%
51	16.080	2375	2379	2389	rVV2	55894	127554	2.23%	0.283%
52	16.362	2420	2427	2436	rVB5	49923	127109	2.22%	0.282%
53	16.745	2486	2492	2504	rVB5	38012	107435	1.88%	0.238%
54	17.257	2571	2579	2590	rBV6	39613	128505	2.25%	0.285%
55	18.933	2857	2864	2870	rBV10	21440	70173	1.23%	0.155%

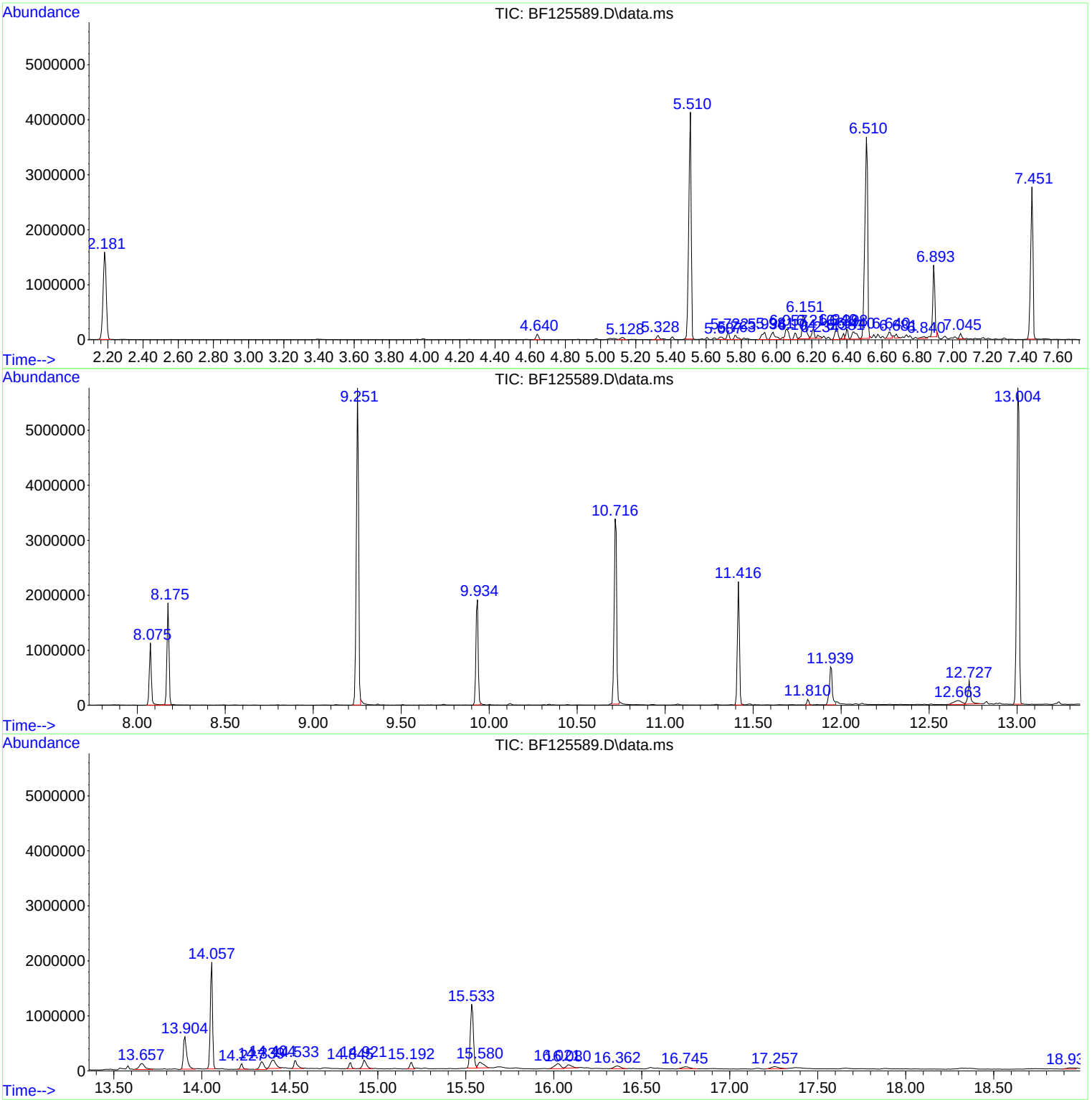
Sum of corrected areas: 45131394

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-07-(22-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

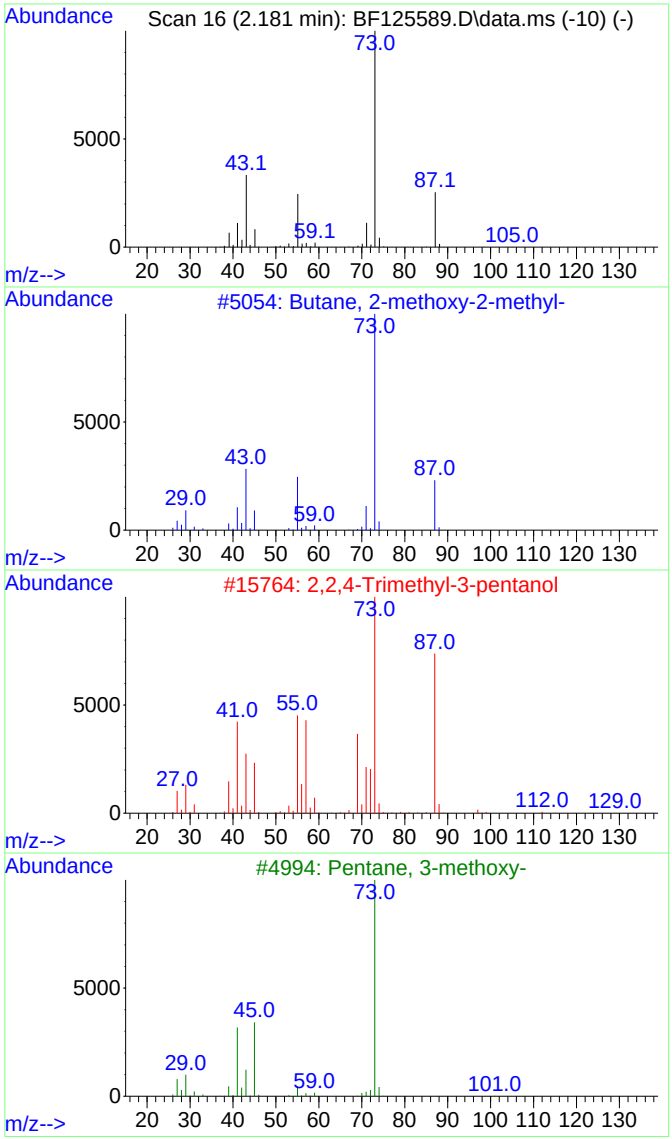
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

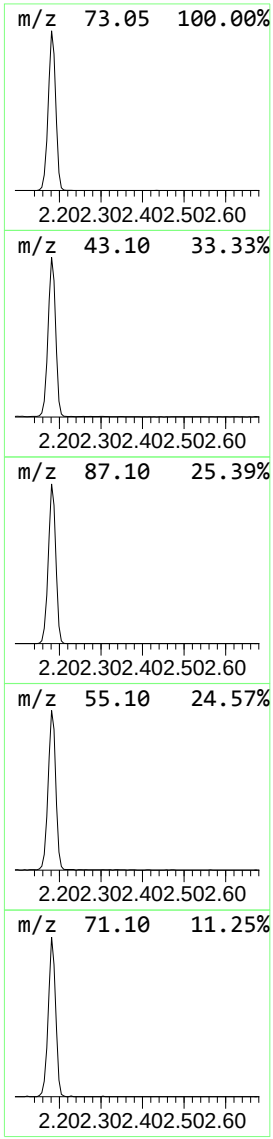
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	36.39 ng	1992460	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

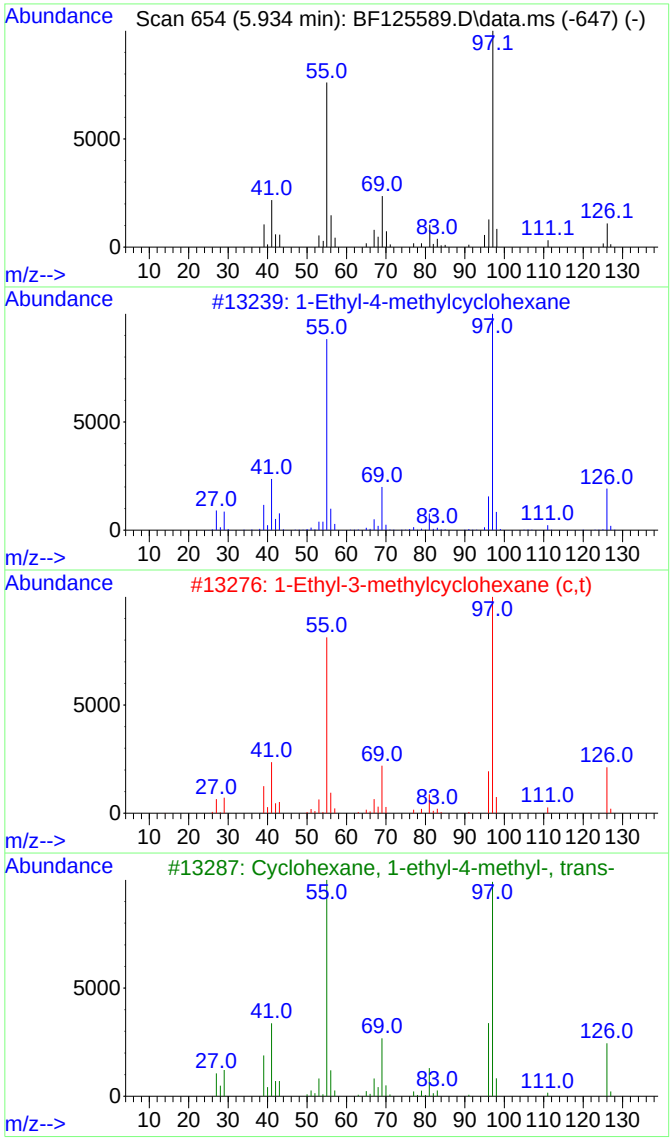
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

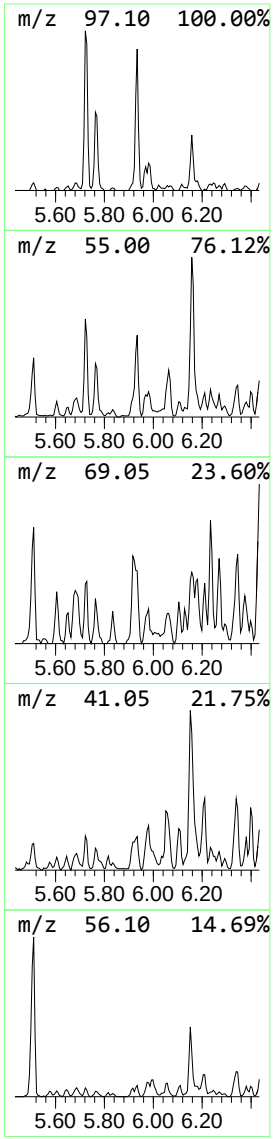
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Ethyl-4-methylcyclohexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.934	3.62 ng	198087	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

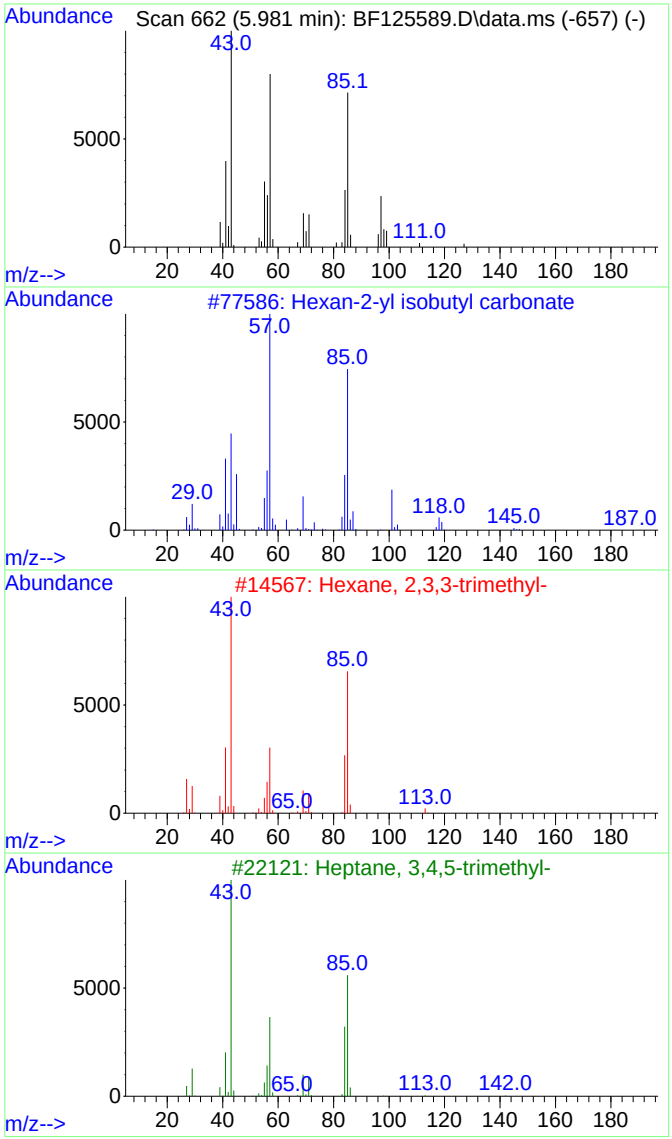
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

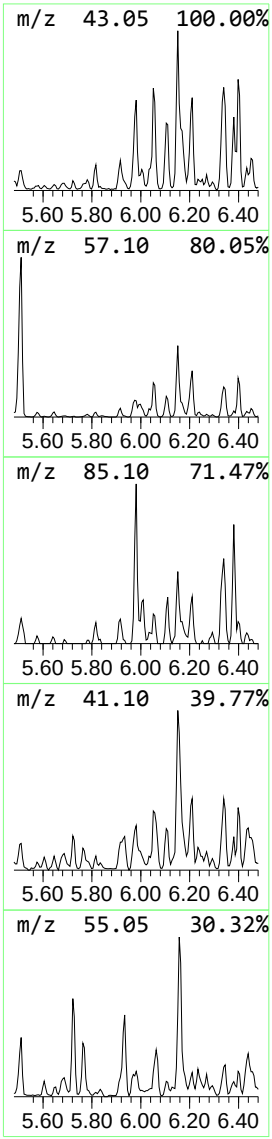
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexan-2-yl isobutyl carbonate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	4.20 ng	230188	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexan-2-yl isobutyl carbonate	202	C11H22O3	1000372-75-5	53
2	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	53
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	53
4	Dodecane, 5-methyl-	184	C13H28	017453-93-9	50
5	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-07-(22-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

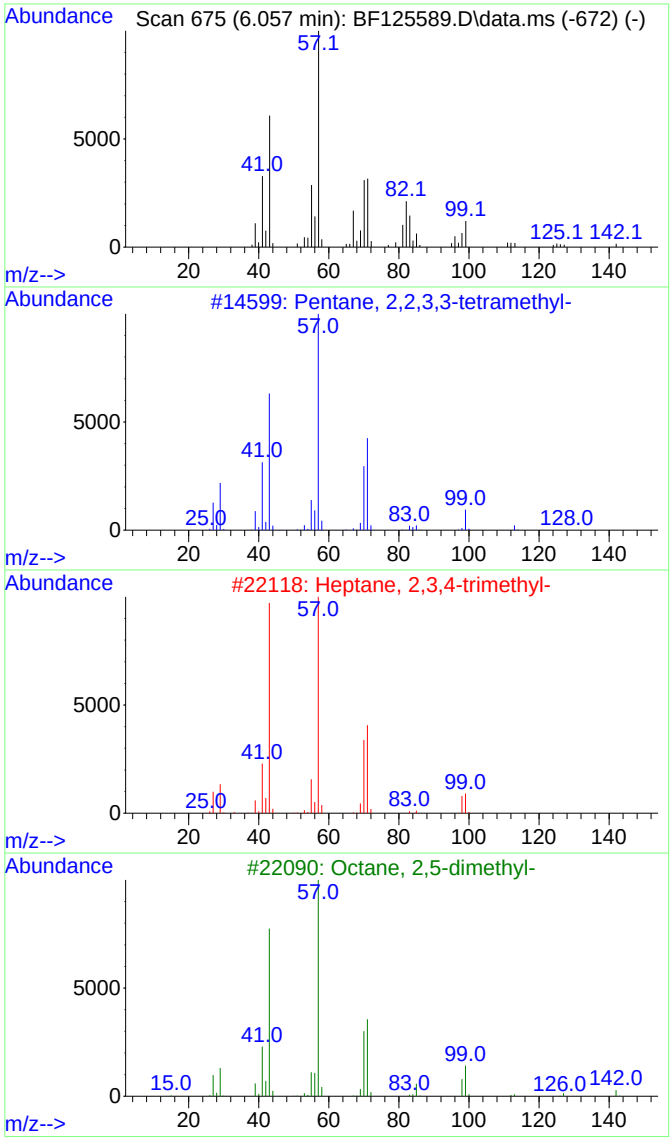
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

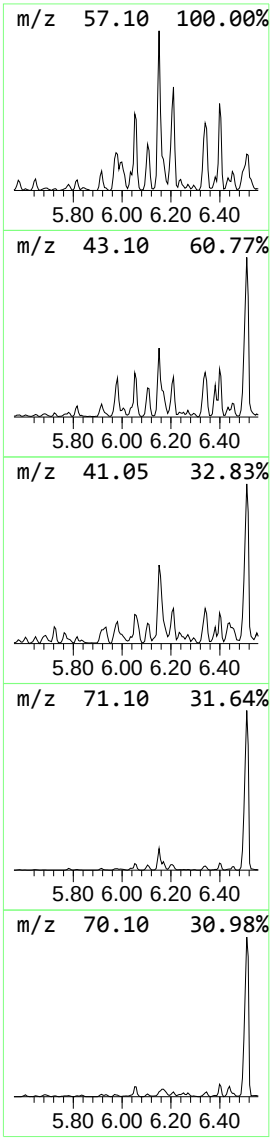
****

Peak Number 4 unknown6.057 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.057	4.74 ng	259482	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	43
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
5	Trichloroacetic acid, 2-ethylhex...	274	C10H17Cl3O2	016397-79-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

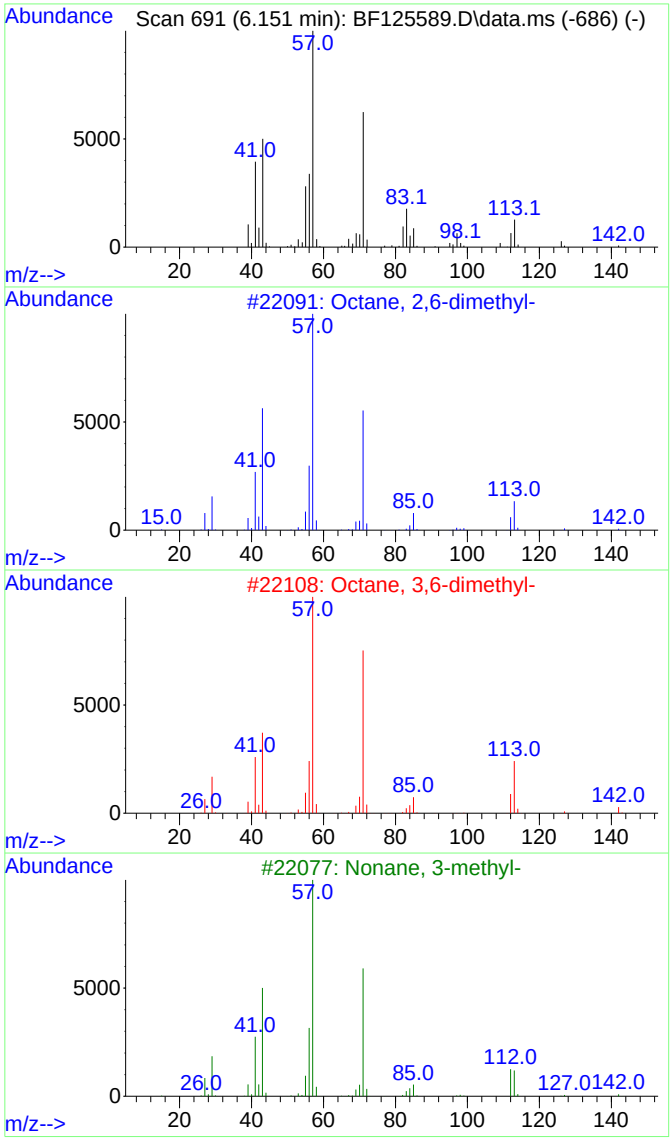
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

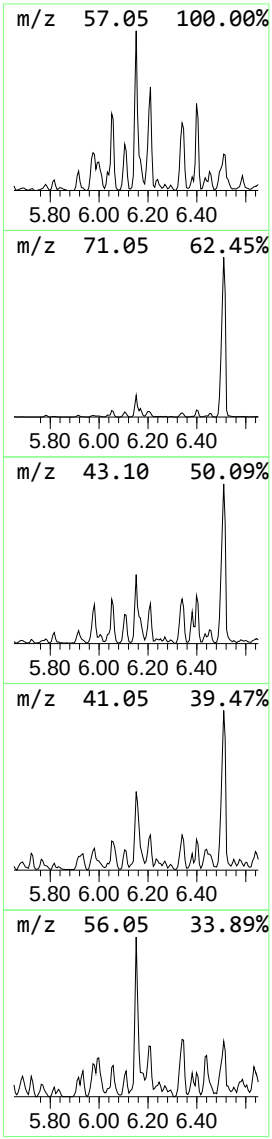
****

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.151	11.17 ng	611747	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50
5	3-Bromooctane	192	C8H17Br	000999-64-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

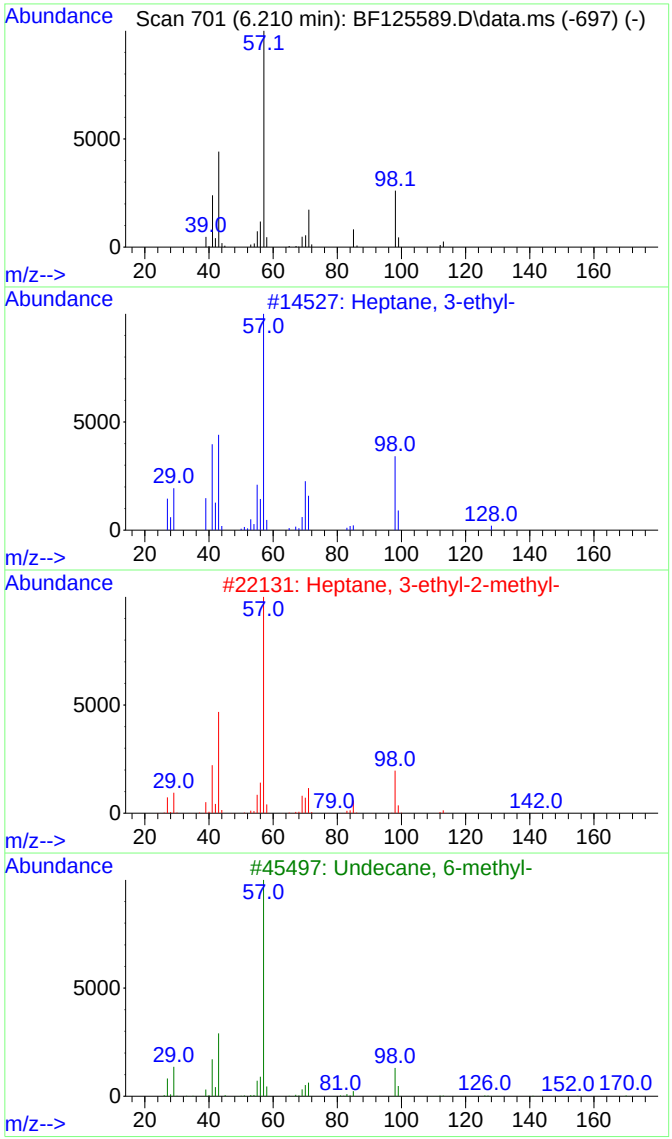
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

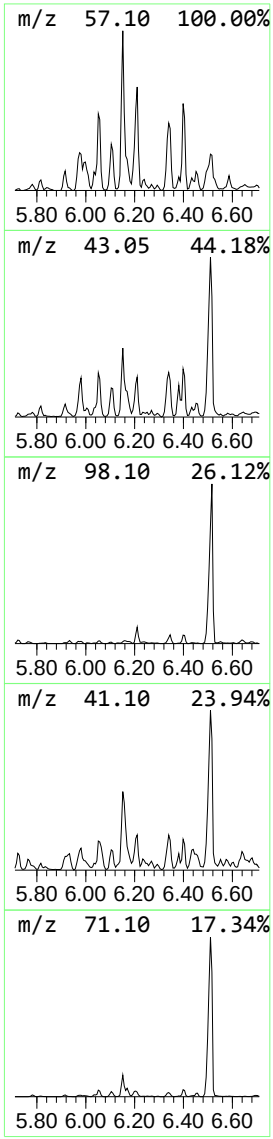
****

Peak Number 6 Heptane, 3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.210	3.06 ng	167334	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	72
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

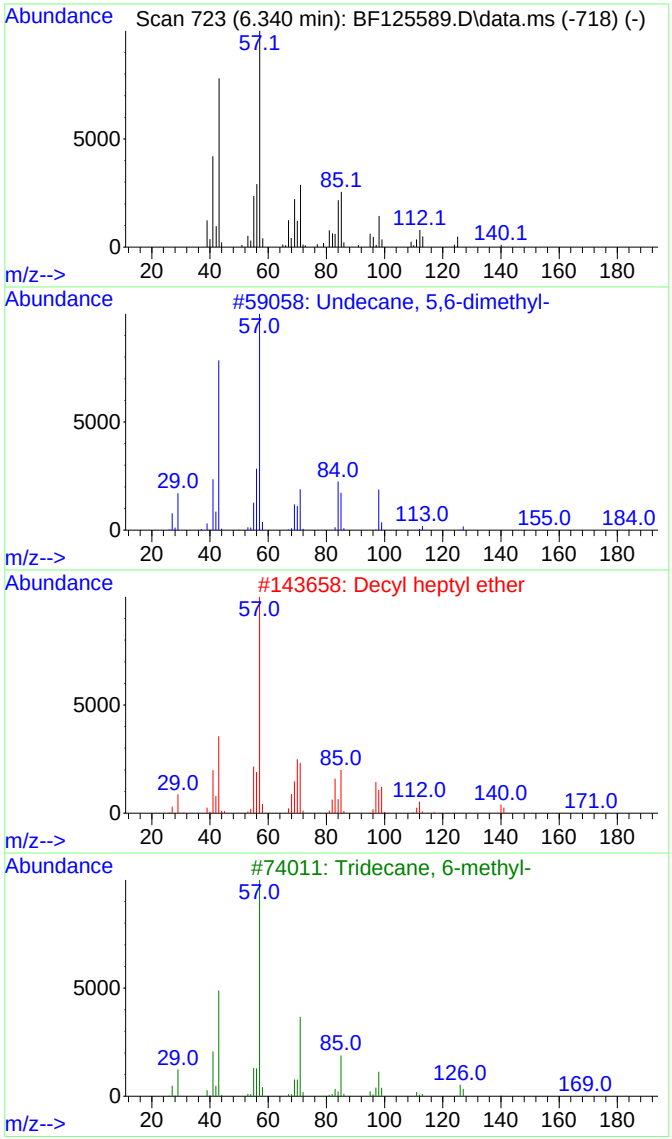
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

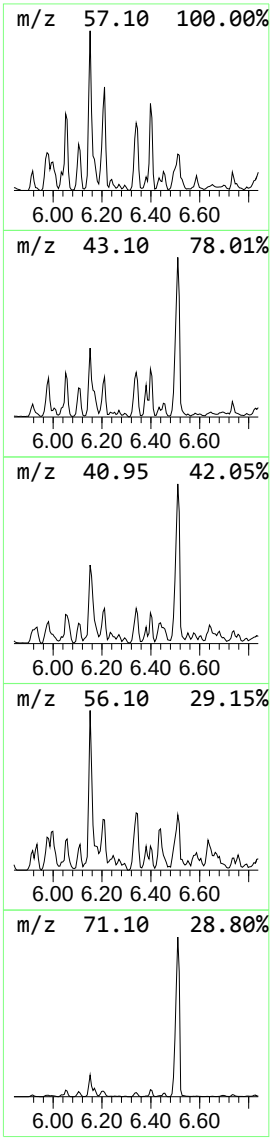
****

Peak Number 7 Undecane, 5,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.340	4.90 ng	268280	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
2	Decyl heptyl ether	256	C17H36O	1000406-39-1	50
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

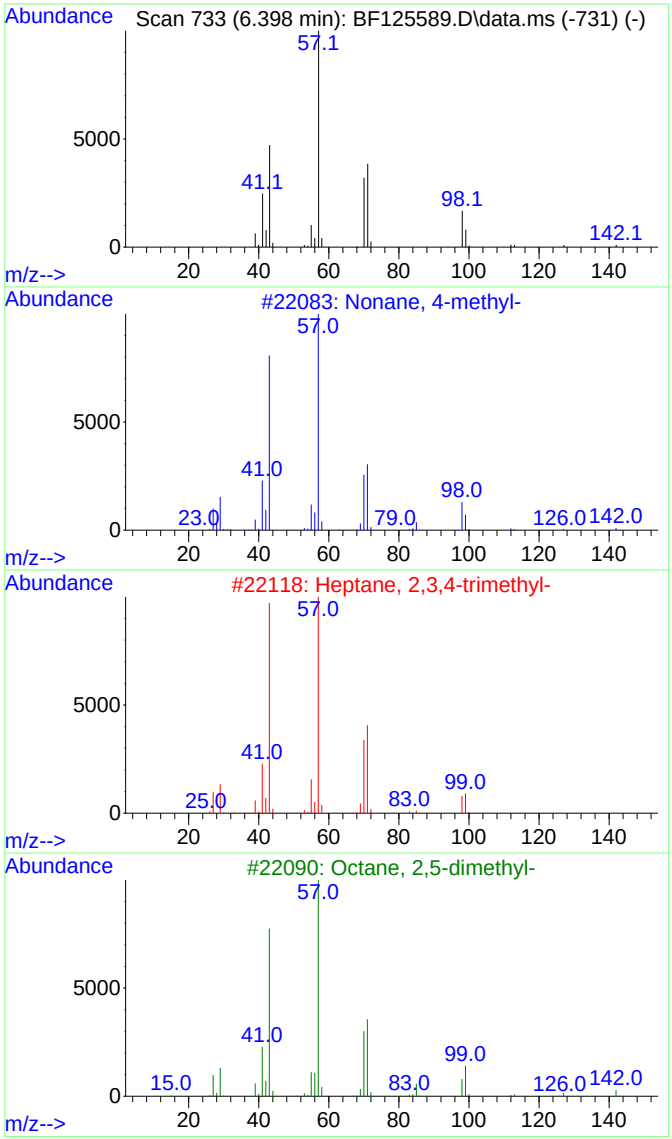
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

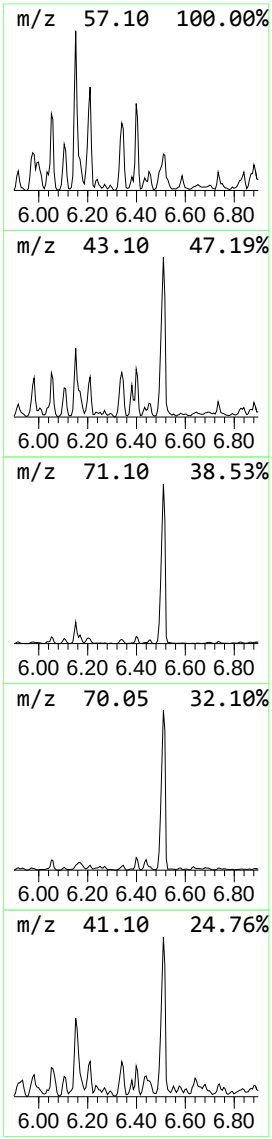
****

Peak Number 8 Nonane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.398	2.76 ng	151174	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	78
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
5	1-Butanol, 2-methyl-, propanoate	144	C8H16O2	002438-20-2	45





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Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

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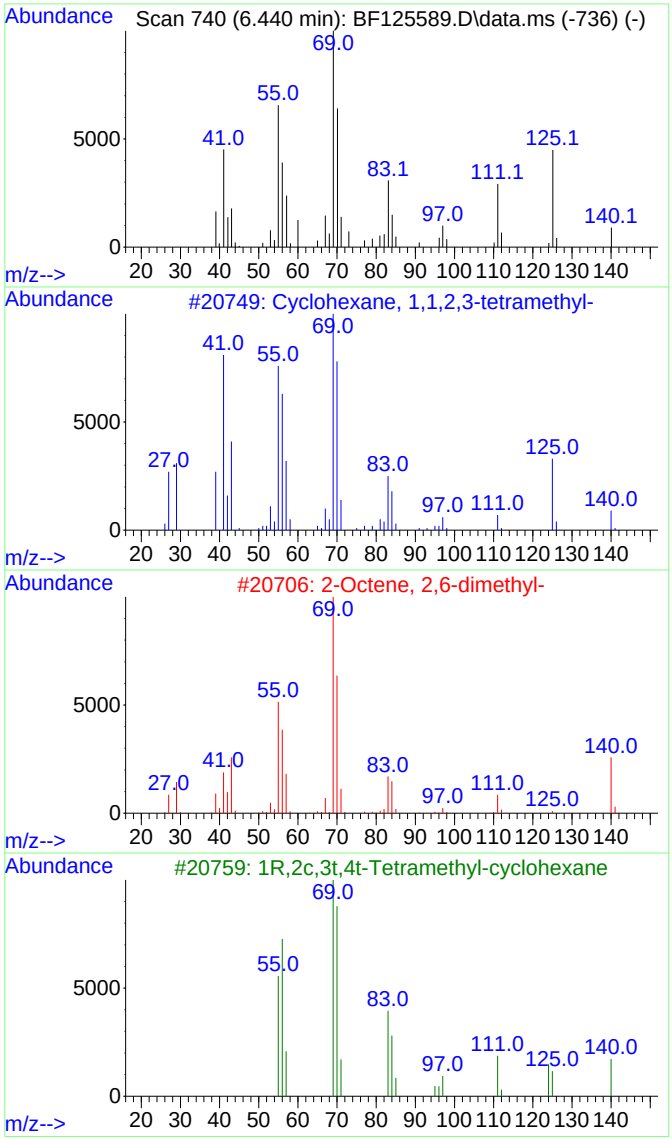
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

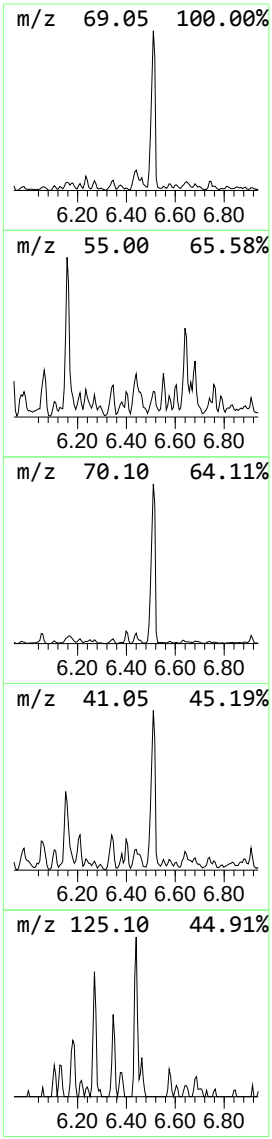
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.440	4.95 ng	271190	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	90
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3	1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	55
4	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	42
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38





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Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

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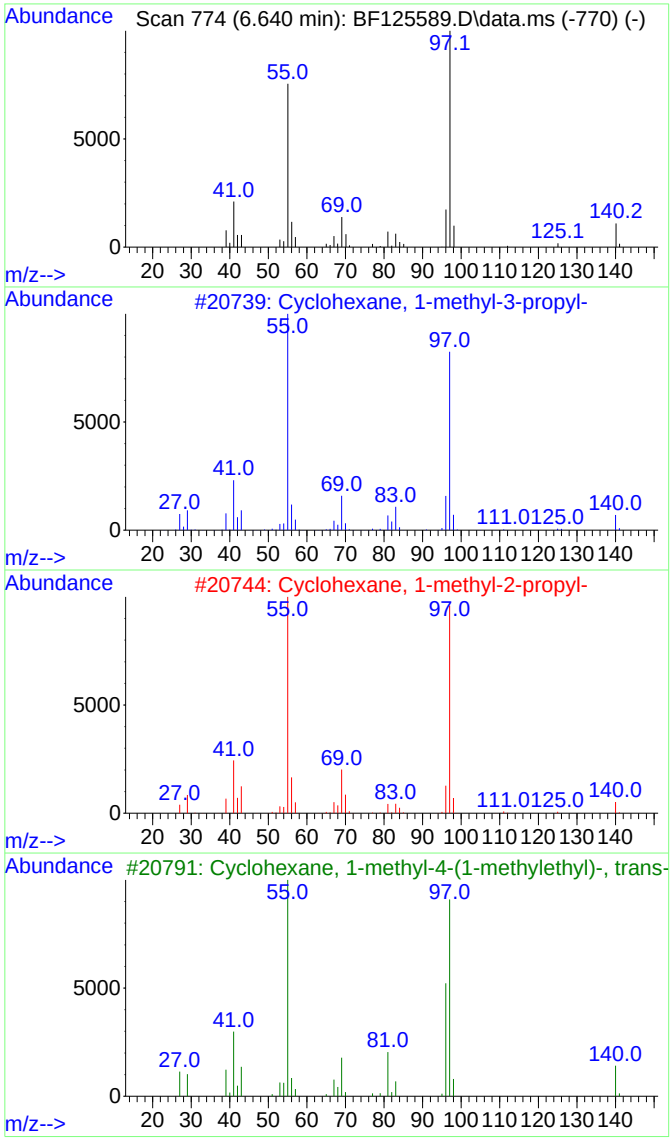
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

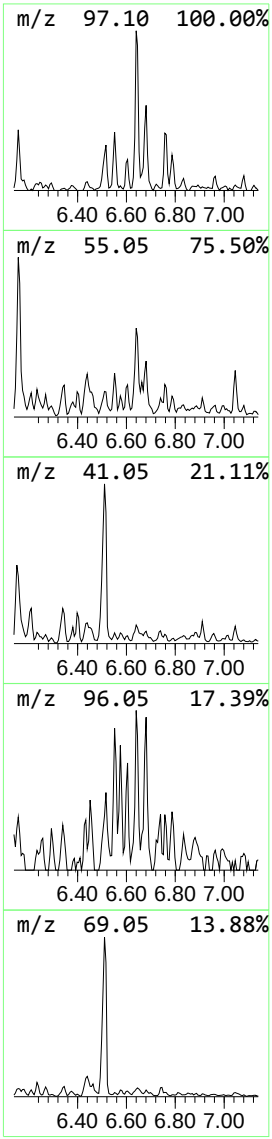
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1-methyl-3-pro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.640	2.79 ng	152766	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	91
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	78
4	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	72
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72





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Misc :
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Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

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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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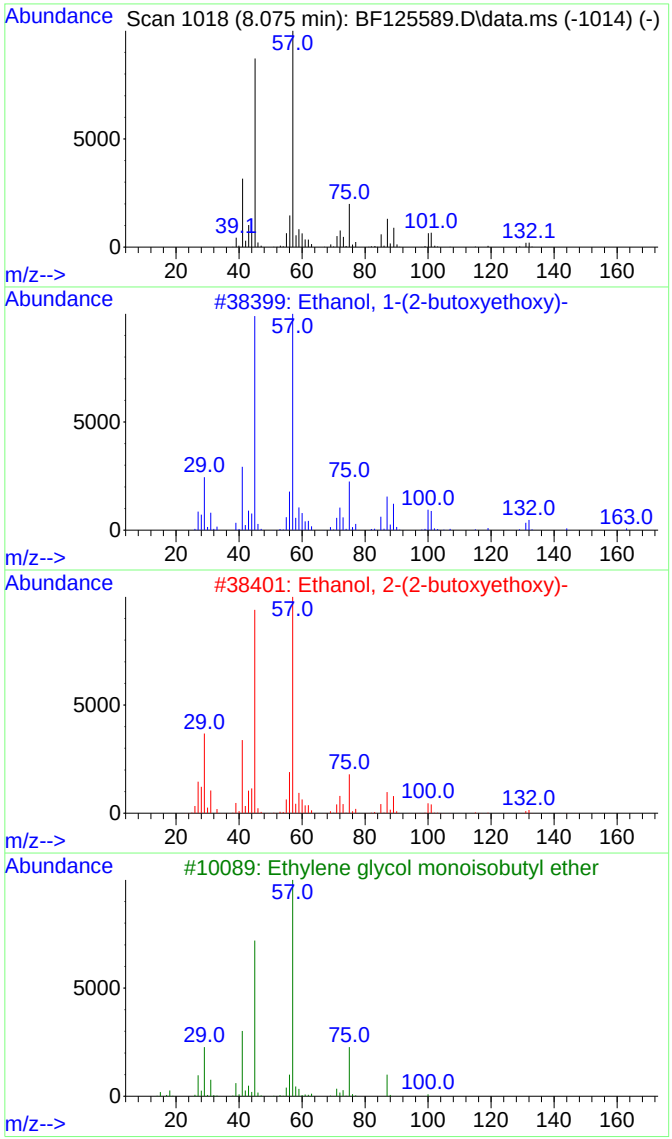
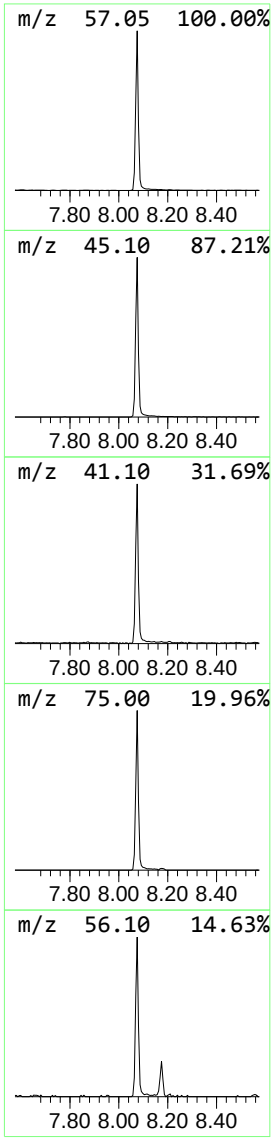
Peak Number 11 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	12.40 ng	919706	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52





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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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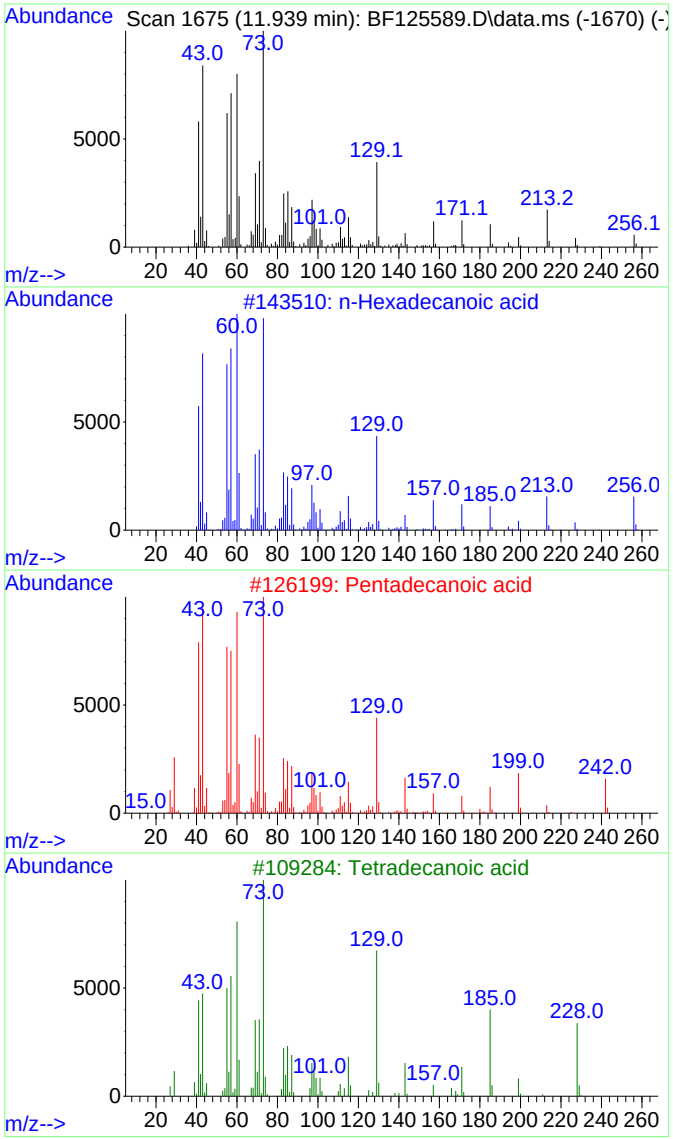
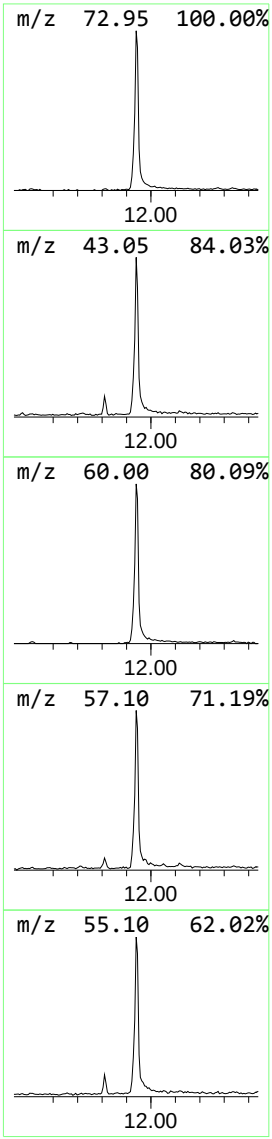
Peak Number 12 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	8.90 ng	804766	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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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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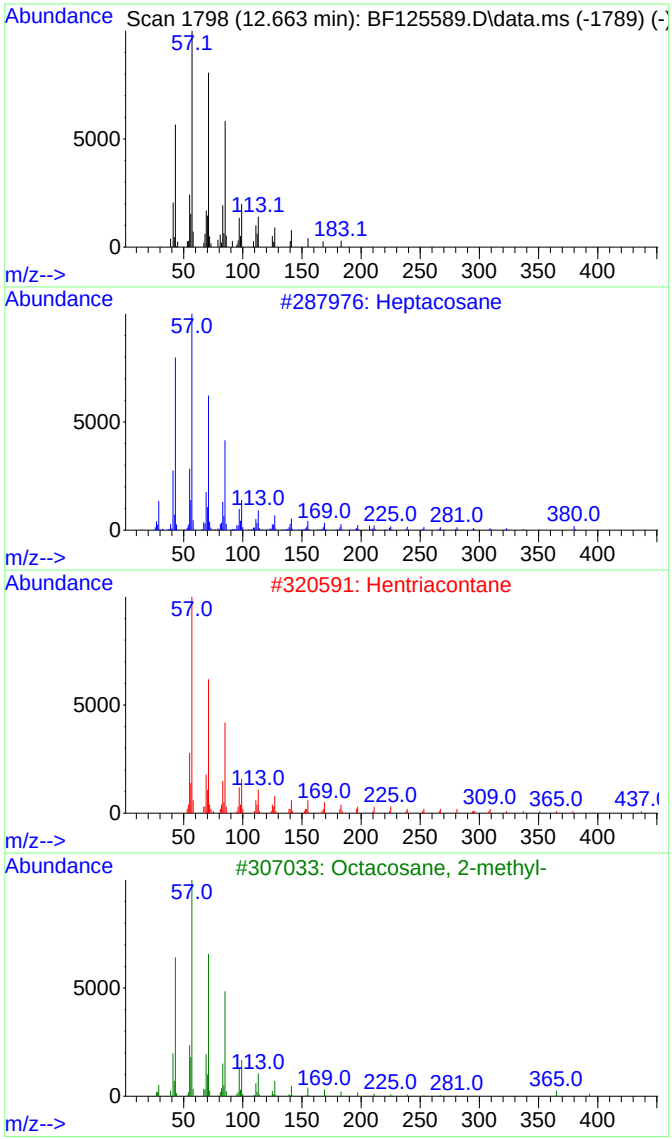
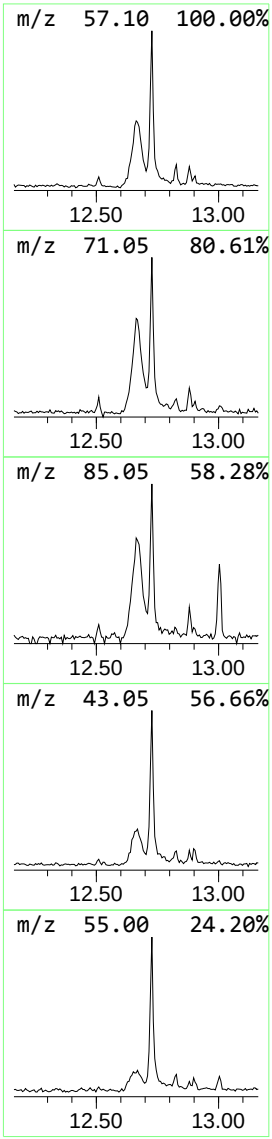
Peak Number 13 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	2.50 ng	226303	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Sample : M3798-04
Misc :
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ClientSampleId : NAPL-07-(22-24)

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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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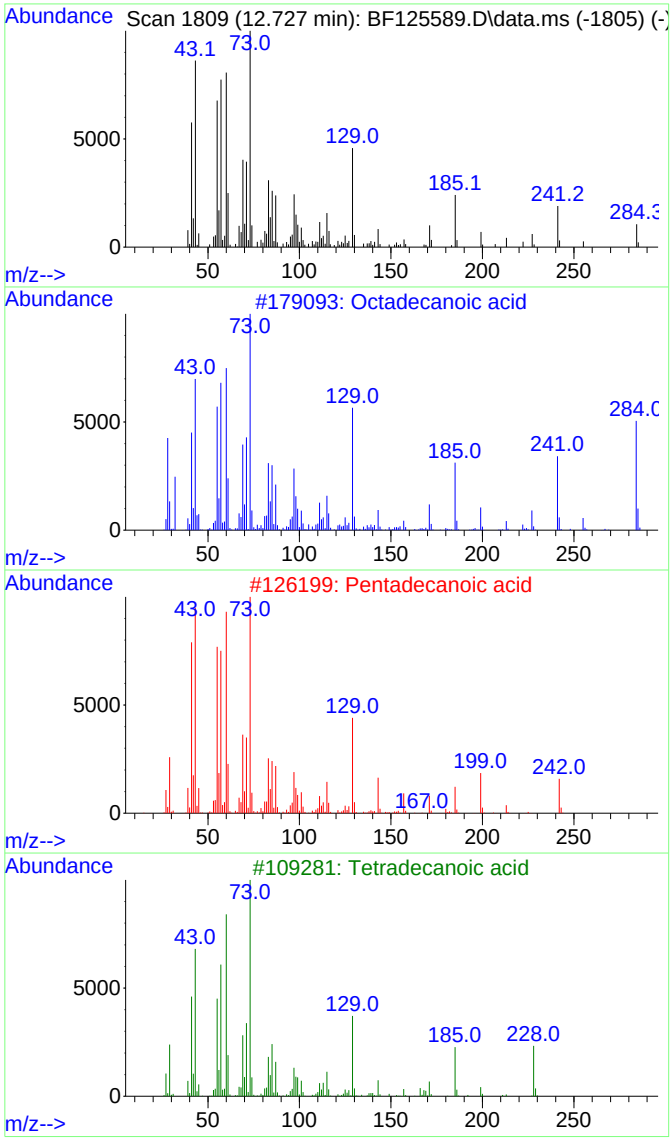
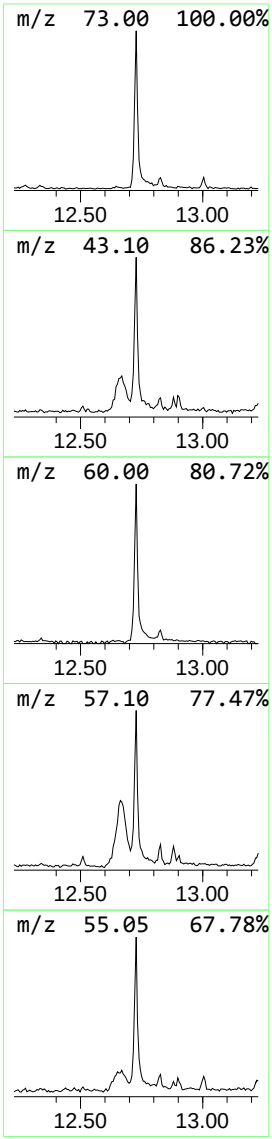
Peak Number 14 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	4.75 ng	429296	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80





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Operator : JU/CG
Sample : M3798-04
Misc :
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Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

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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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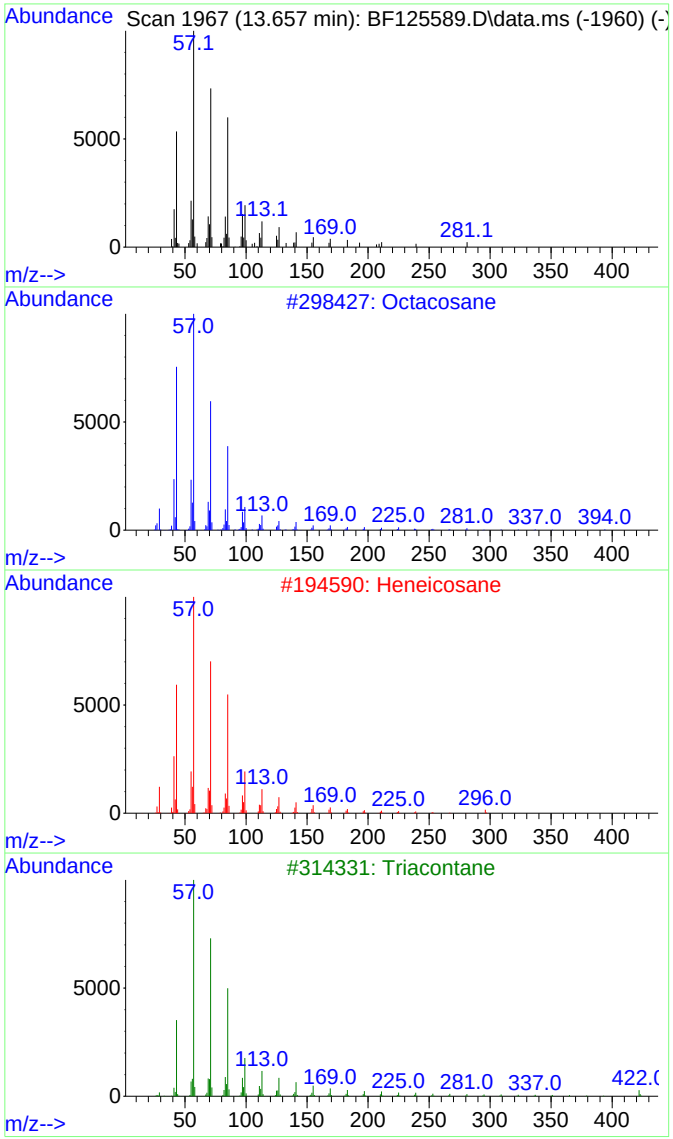
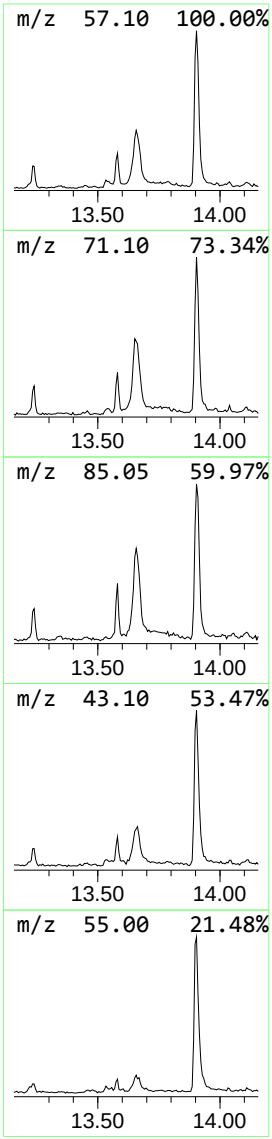
Peak Number 15 Octacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.657	2.87 ng	244591	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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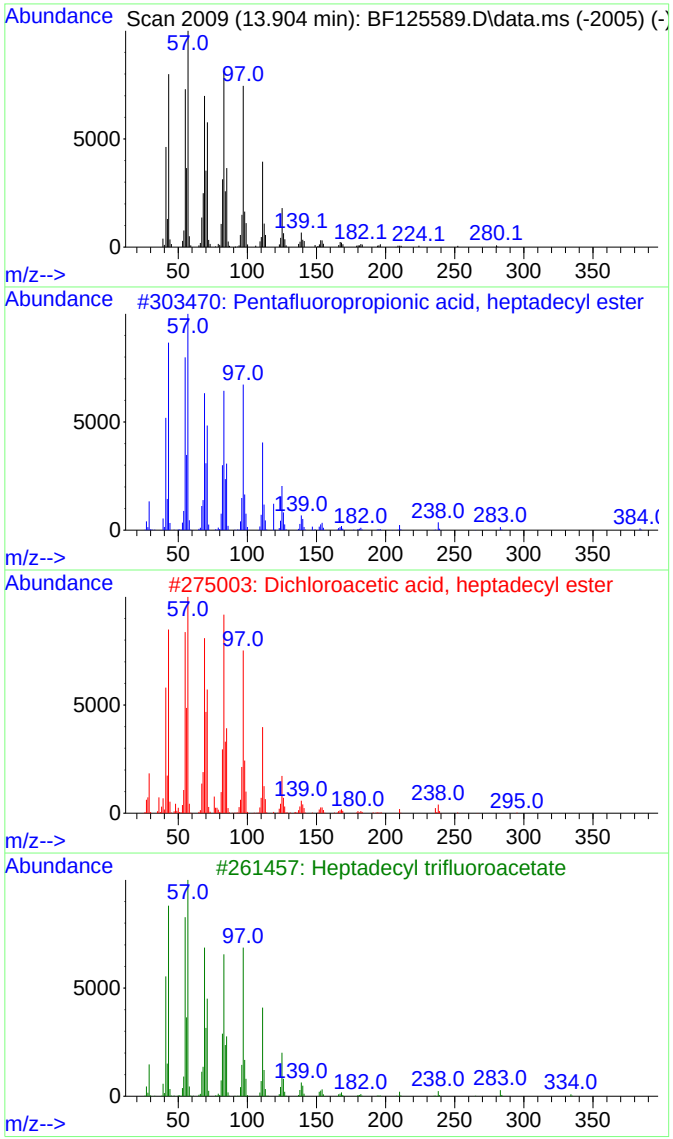
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

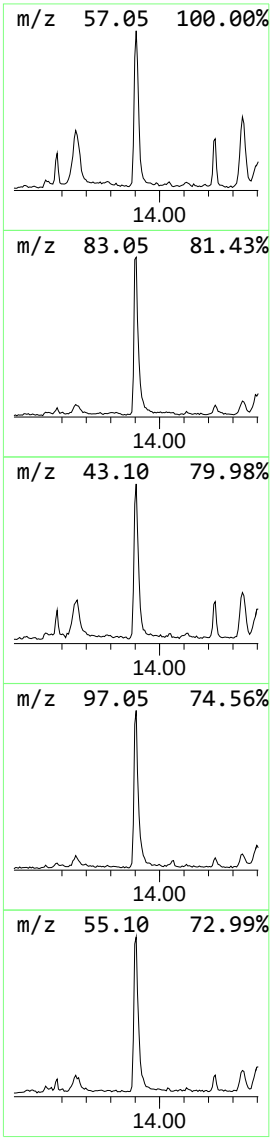
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	9.29 ng	793192	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Hexacosene	364	C26H52	018835-33-1	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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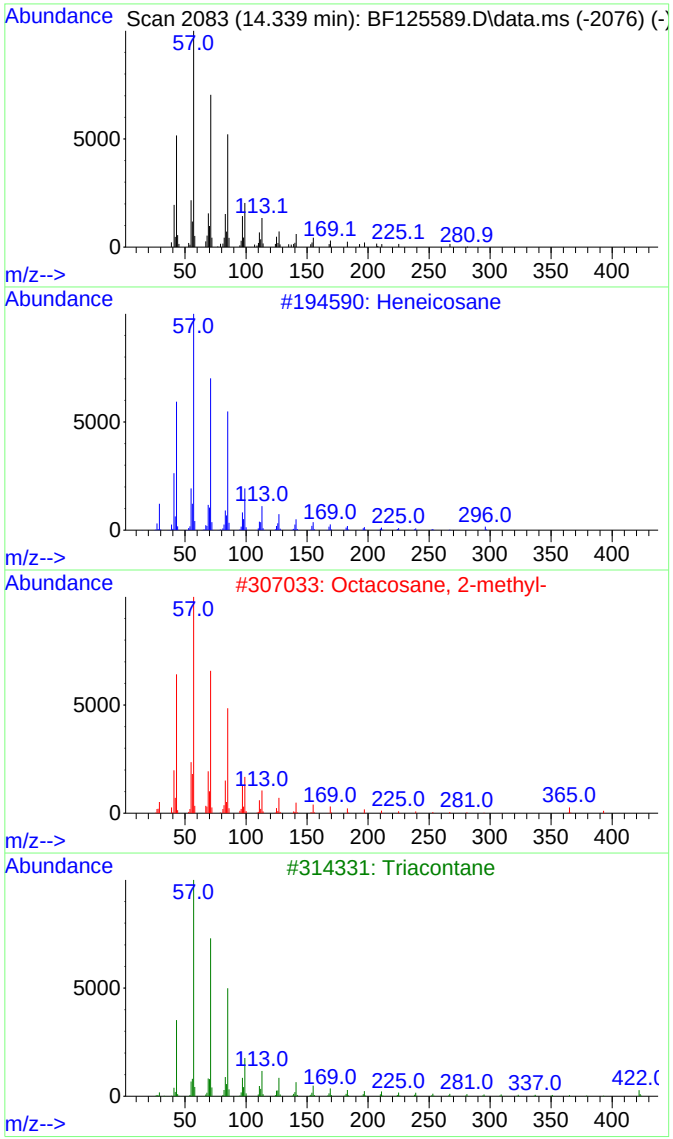
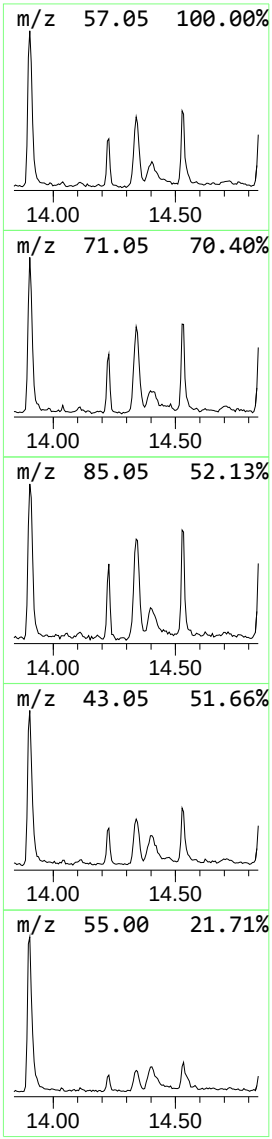
Peak Number 17 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.339	2.79 ng	238304	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5	Octacosane	394	C28H58	000630-02-4	90





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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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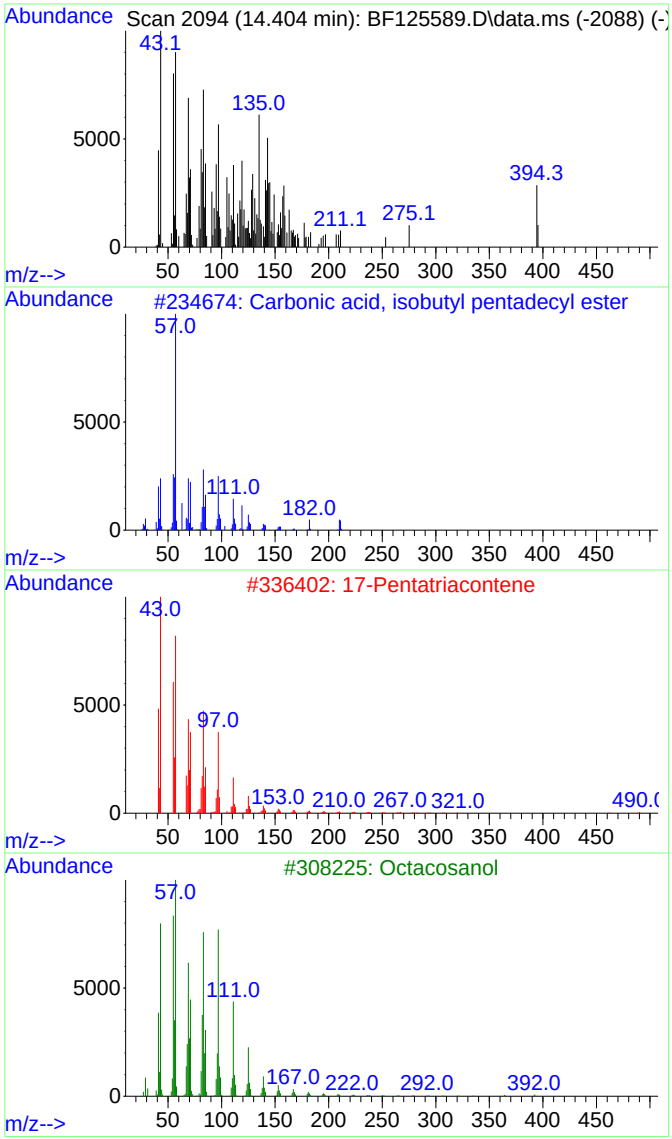
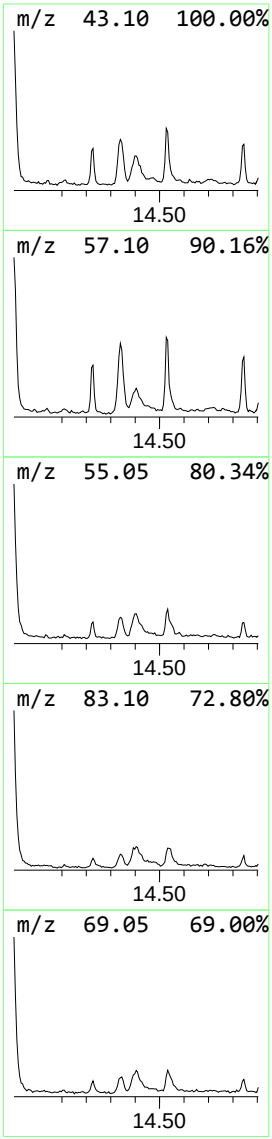
Peak Number 18 unknown14.404 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.404	4.04 ng	345072	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	18
2	17-Pentatriacontene	491	C35H70	006971-40-0	18
3	Octacosanol	410	C28H58O	000557-61-9	15
4	Cyclotetracosane	336	C24H48	000297-03-0	15
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	15





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Sample : M3798-04
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ALS Vial : 9 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
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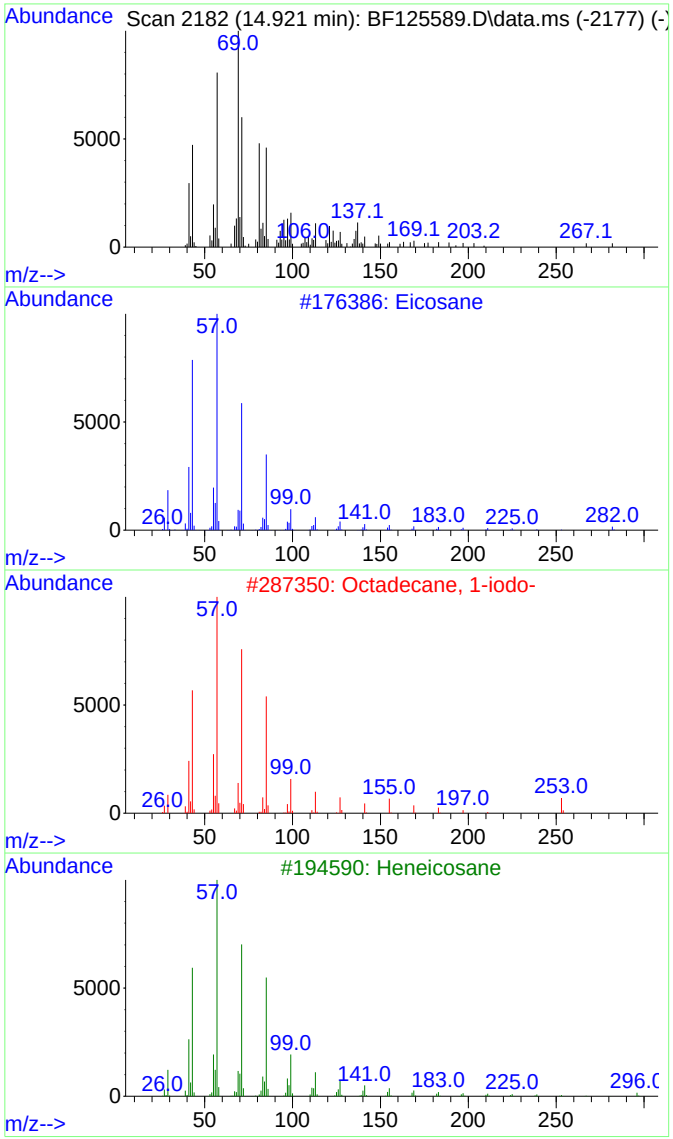
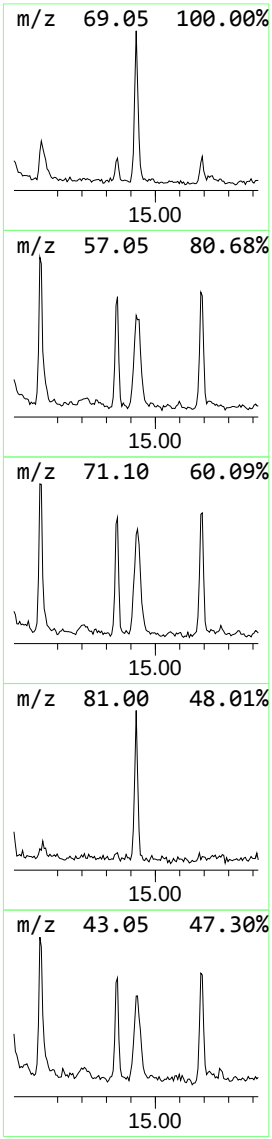
Peak Number 19 unknown14.921 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	3.28 ng	235035	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	70
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	49
3	Heneicosane	296	C21H44	000629-94-7	49
4	Triacontane	422	C30H62	000638-68-6	49
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	49





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Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

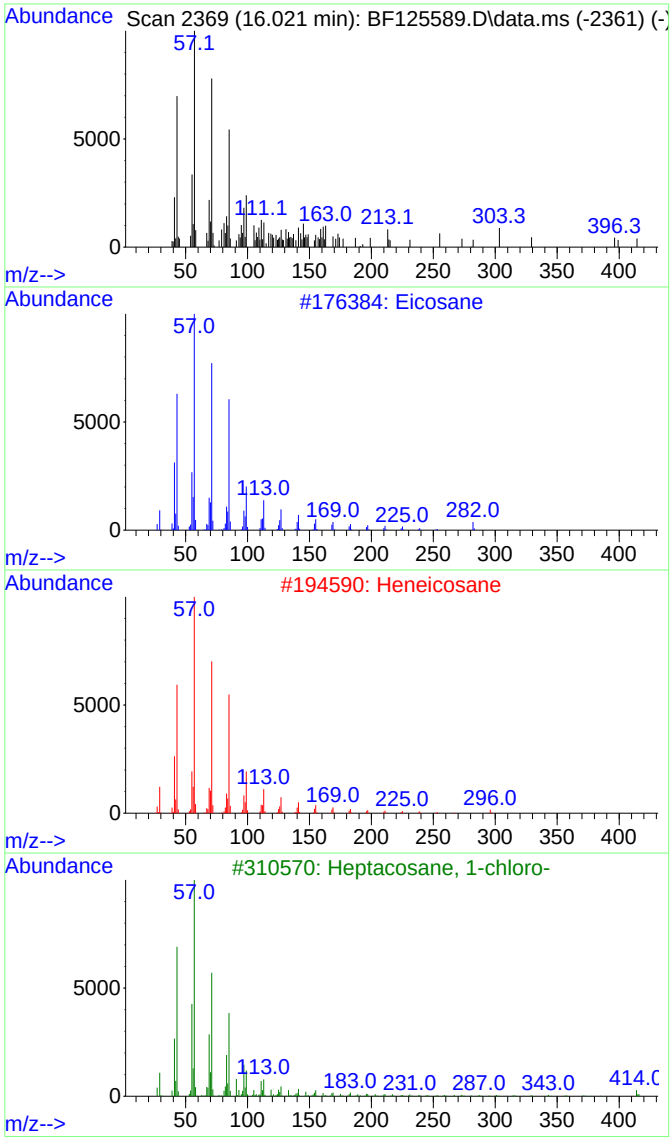
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

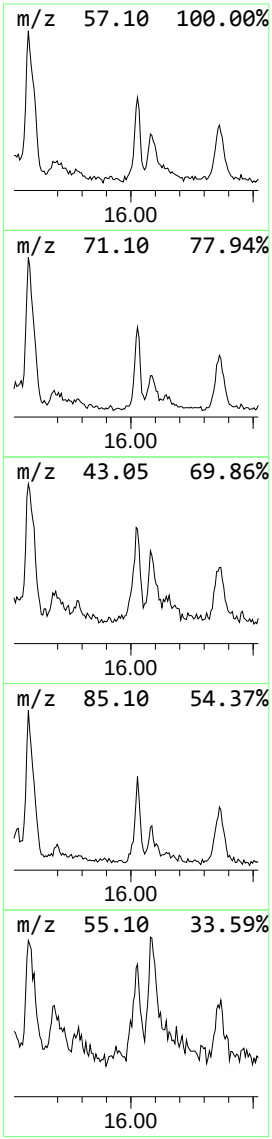
****

Peak Number 20 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.021	3.19 ng	228732	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Heneicosane	296	C21H44	000629-94-7	68
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	68
4	Octacosane	394	C28H58	000630-02-4	68
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125589.D
Acq On : 23 Sep 2021 13:30
Operator : JU/CG
Sample : M3798-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-07-(22-24)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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...	2.181	36.4	ng	1992460	1	6.893	1095110	20.0
1-Ethyl-4-methy...	5.934	3.6	ng	198087	1	6.893	1095110	20.0
Hexan-2-yl isob...	5.981	4.2	ng	230188	1	6.893	1095110	20.0
unknown6.057	6.057	4.7	ng	259482	1	6.893	1095110	20.0
Octane, 2,6-dim...	6.151	11.2	ng	611747	1	6.893	1095110	20.0
Heptane, 3-ethyl-	6.210	3.1	ng	167334	1	6.893	1095110	20.0
Undecane, 5,6-d...	6.340	4.9	ng	268280	1	6.893	1095110	20.0
Nonane, 4-methyl-	6.398	2.8	ng	151174	1	6.893	1095110	20.0
Cyclohexane, 1,...	6.440	5.0	ng	271190	1	6.893	1095110	20.0
Cyclohexane, 1-...	6.640	2.8	ng	152766	1	6.893	1095110	20.0
Ethanol, 1-(2-b...	8.075	12.4	ng	919706	2	8.175	1482940	20.0
n-Hexadecanoic ...	11.939	8.9	ng	804766	4	11.416	1807990	20.0
Heptacosane	12.663	2.5	ng	226303	4	11.416	1807990	20.0
Octadecanoic acid	12.727	4.8	ng	429296	4	11.416	1807990	20.0
Octacosane	13.657	2.9	ng	244591	5	14.057	1707230	20.0
Pentafluoroprop...	13.904	9.3	ng	793192	5	14.057	1707230	20.0
Heneicosane	14.339	2.8	ng	238304	5	14.057	1707230	20.0
unknown14.404	14.404	4.0	ng	345072	5	14.057	1707230	20.0
unknown14.921	14.921	3.3	ng	235035	6	15.533	1434800	20.0
Eicosane	16.021	3.2	ng	228732	6	15.533	1434800	20.0