LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028570.D
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

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_M\Methods\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028570.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	304	312	318	rBV	18454	27911	2.78%	0.361%
2	5.528	392	398	407	rVB	271698	400770	39.97%	5.182%
3	6.017	476	481	490	rVB	17928	27123	2.71%	0.351%
4	7.181	672	679	691	rBV	240459	435470	43.43%	5.631%
5	7.511	729	735	739	rBV	37967	54089	5.39%	0.699%
6	7.563	739	744	753	rVB	41329	64425	6.43%	0.833%
7	7.752	770	776	788	rVB	56258	89076	8.88%	1.152%
8	7.969	806	813	820	rVB	107485	167410	16.70%	2.165%
9	8.293	859	868	874	rBV	33879	52566	5.24%	0.680%
10	9.146	1005	1013	1021	rBV	223967	367684	36.67%	4.754%
11	9.405	1051	1057	1063	rVB2	7416	12134	1.21%	0.157%
12	10.146	1176	1183	1189	rBV	28270	49964	4.98%	0.646%
13	10.328	1202	1214	1221	rBV7	6795	21708	2.17%	0.281%
14	10.781	1282	1291	1297	rBV	139428	228423	22.78%	2.954%
15	11.010	1324	1330	1337	rVB2	6940	11654	1.16%	0.151%
16	13.240	1701	1709	1715	rBV	524564	774096	77.21%	10.010%
17	13.422	1730	1740	1745	rBV3	9216	17091	1.70%	0.221%
18	13.945	1823	1829	1835	rVB7	4990	11854	1.18%	0.153%
19	14.069	1846	1850	1856	rVB	25174	38048	3.79%	0.492%
20	14.251	1876	1881	1892	rBV3	27486	41169	4.11%	0.532%
21	14.557	1930	1933	1938	rVV2	14404	26962	2.69%	0.349%
22	14.616	1938	1943	1952	rVB	195821	292048	29.13%	3.776%
23	14.857	1980	1984	1990	rVB	17174	22407	2.23%	0.290%
24	15.039	2010	2015	2023	rBV	58350	87083	8.69%	1.126%
25	15.128	2025	2030	2036	rBV7	5596	15308	1.53%	0.198%
26	15.245	2045	2050	2057	rVB2	22874	35201	3.51%	0.455%
27	15.392	2071	2075	2079	rBV2	12424	19642	1.96%	0.254%
28	15.845	2148	2152	2157	rVB2	14514	22909	2.28%	0.296%
29	15.928	2162	2166	2175	rBV3	33678	52744	5.26%	0.682%
30	16.104	2190	2196	2201	rBV	256578	361112	36.02%	4.670%
31	16.328	2227	2234	2237	rBV	42588	74482	7.43%	0.963%
32	16.569	2272	2275	2279	rVB	12399	14306	1.43%	0.185%
33	17.092	2361	2364	2366	rVV2	10986	11303	1.13%	0.146%
34	17.139	2369	2372	2383	rVB	38549	65762	6.56%	0.850%
35	17.345	2402	2407	2413	rBV	236935	322707	32.19%	4.173%
36	18.227	2552	2557	2566	rBV	259690	368801	36.78%	4.769%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028570.D
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

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_M\Methods\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.716	2636	2640	2645	rVB	22800	39518	3.94%	0.511%
38	18.974	2679	2684	2689	rBV	200857	240677	24.01%	3.112%
39	19.063	2695	2699	2707	rVV	66361	85708	8.55%	1.108%
40	19.133	2707	2711	2718	rVB2	22886	39178	3.91%	0.507%
41	19.492	2767	2772	2781	rBV	153755	210469	20.99%	2.722%
42	19.604	2787	2791	2795	rBV	56130	65177	6.50%	0.843%
43	19.945	2843	2849	2854	rVB	800663	1002604	100.00%	12.965%
44	20.239	2897	2899	2903	rVB	15641	14191	1.42%	0.184%
45	20.604	2957	2961	2967	rVB	45318	62492	6.23%	0.808%
46	20.727	2978	2982	2985	rBV	25964	31957	3.19%	0.413%
47	20.810	2992	2996	3000	rBV	131290	151315	15.09%	1.957%
48	20.857	3002	3004	3007	rVB	25909	26060	2.60%	0.337%
49	21.180	3055	3059	3067	rBV	274961	318796	31.80%	4.122%
50	21.480	3106	3110	3117	rBV	273699	346808	34.59%	4.485%
51	21.616	3130	3133	3139	rVB2	31060	36227	3.61%	0.468%
52	22.051	3205	3207	3209	rBV2	21278	22982	2.29%	0.297%
53	23.751	3490	3496	3503	rVB	188210	353814	35.29%	4.575%

Sum of corrected areas: 7733415

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
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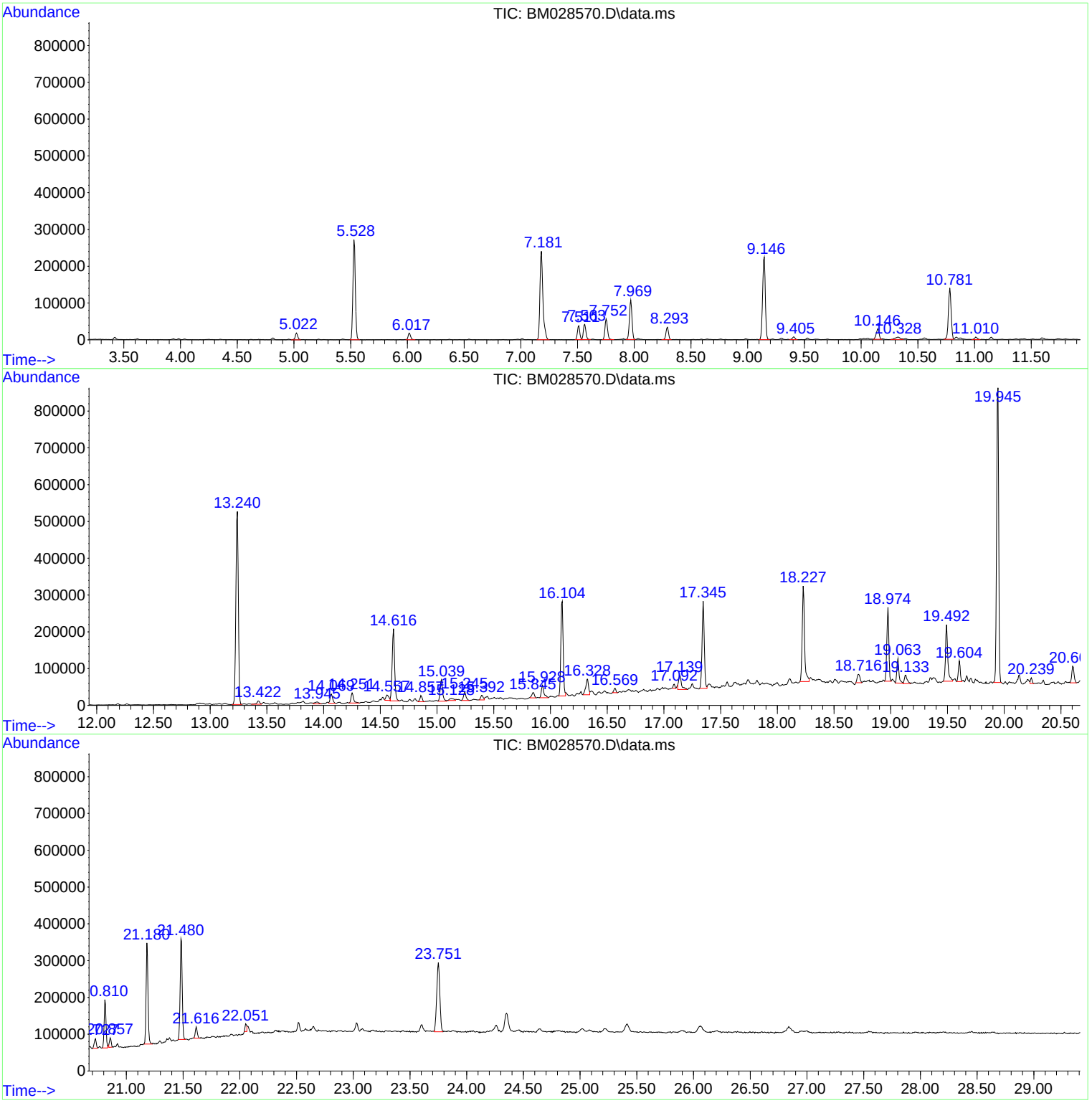
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028570.D
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

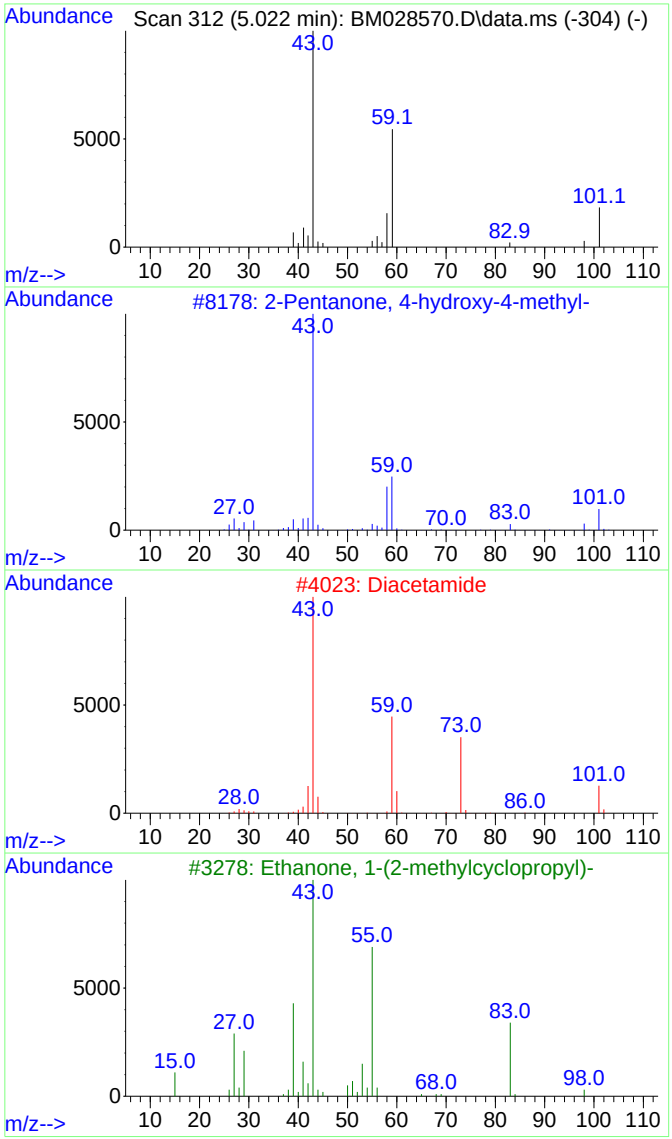
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

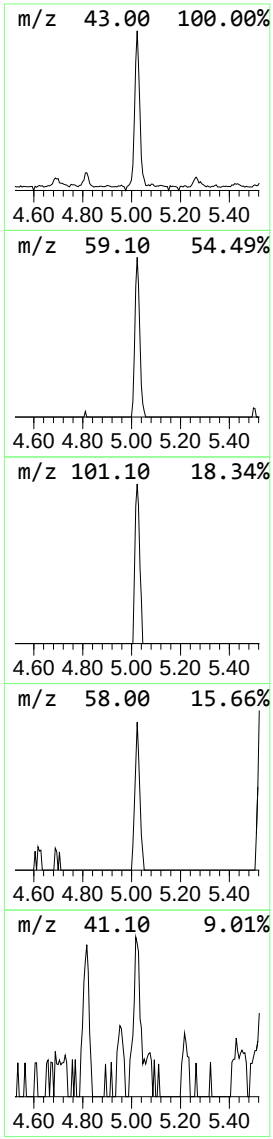
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	3.33 ng	27911	1,4-Dichlorobenzene-d4	7.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Diacetamide	101	C4H7NO2	000625-77-4	9
3	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028570.D
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

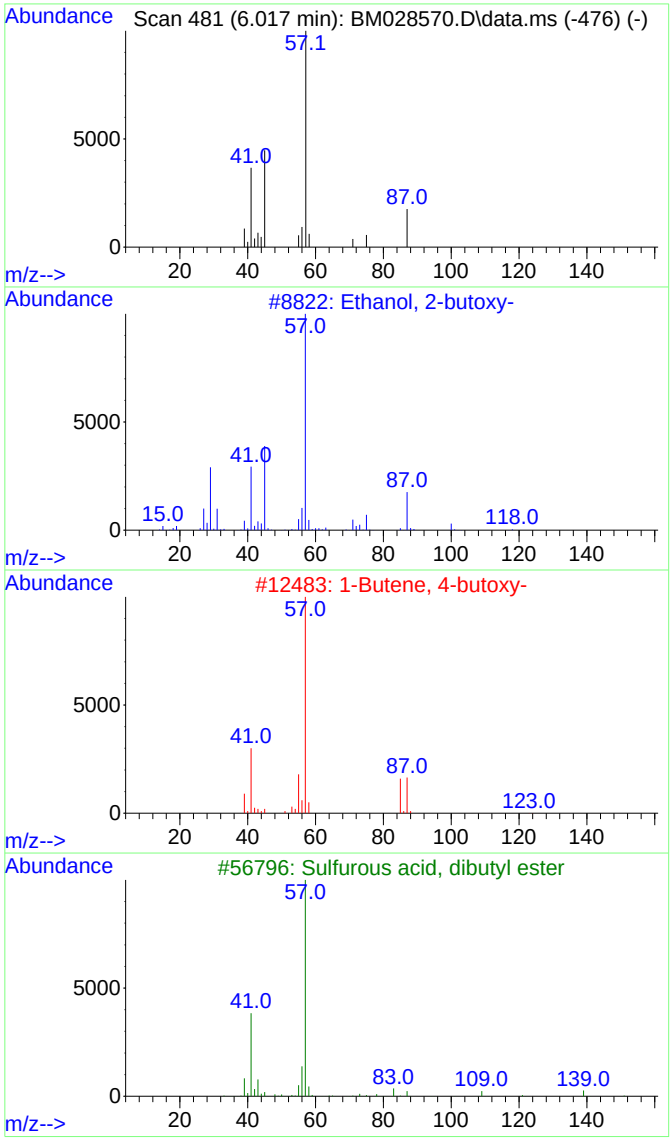
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

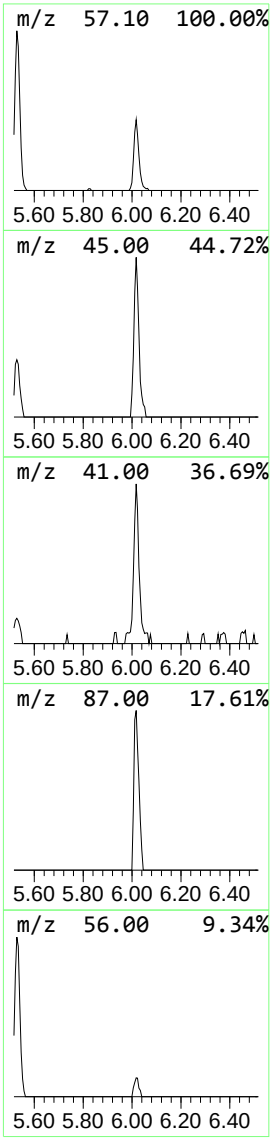
****

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.017	3.24 ng	27123	1,4-Dichlorobenzene-d4	7.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	74
2	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	17
3	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	16
4	Propanedioic acid, oxo-, bis(2-m...	230	C11H18O5	092778-43-3	16
5	Isobutyl ether	130	C8H18O	000628-55-7	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028570.D
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

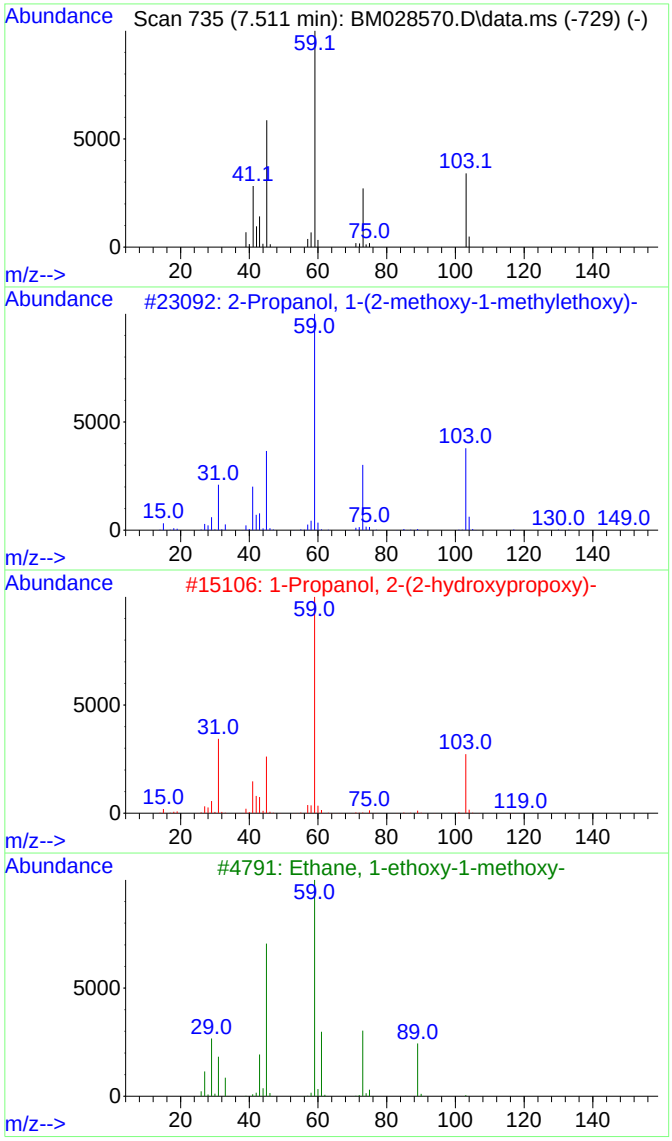
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

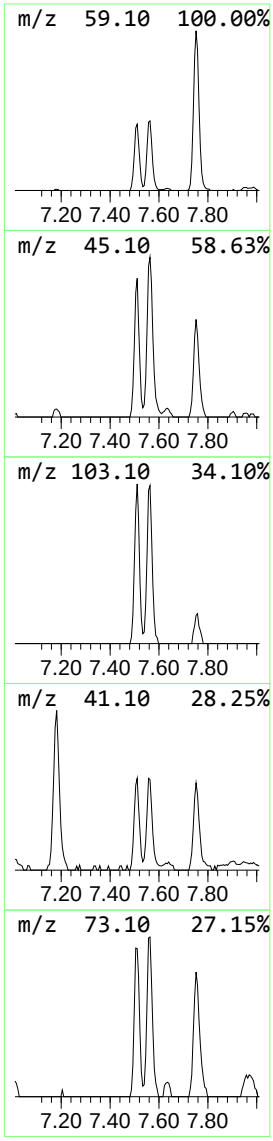
****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.511	6.46 ng	54089	1,4-Dichlorobenzene-d4	7.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	86
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
3	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	59
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	45
5	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028570.D
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

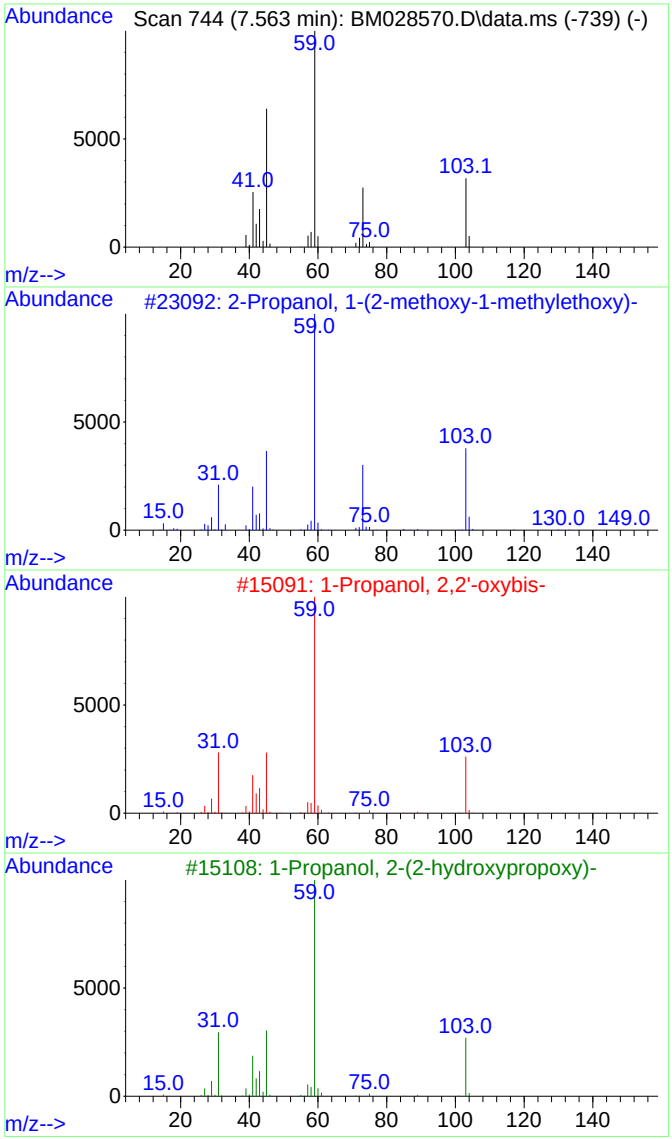
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

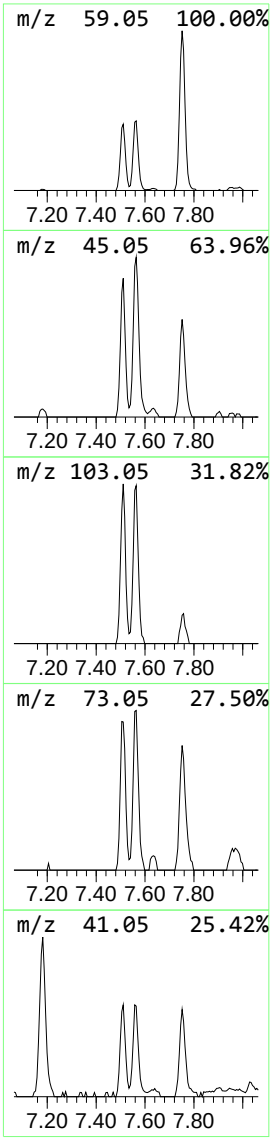
****

Peak Number 4 1-Propanol, 2,2'-oxybis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.563	7.70 ng	64425	1,4-Dichlorobenzene-d4	7.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	59
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
4	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	45
5	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028570.D
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

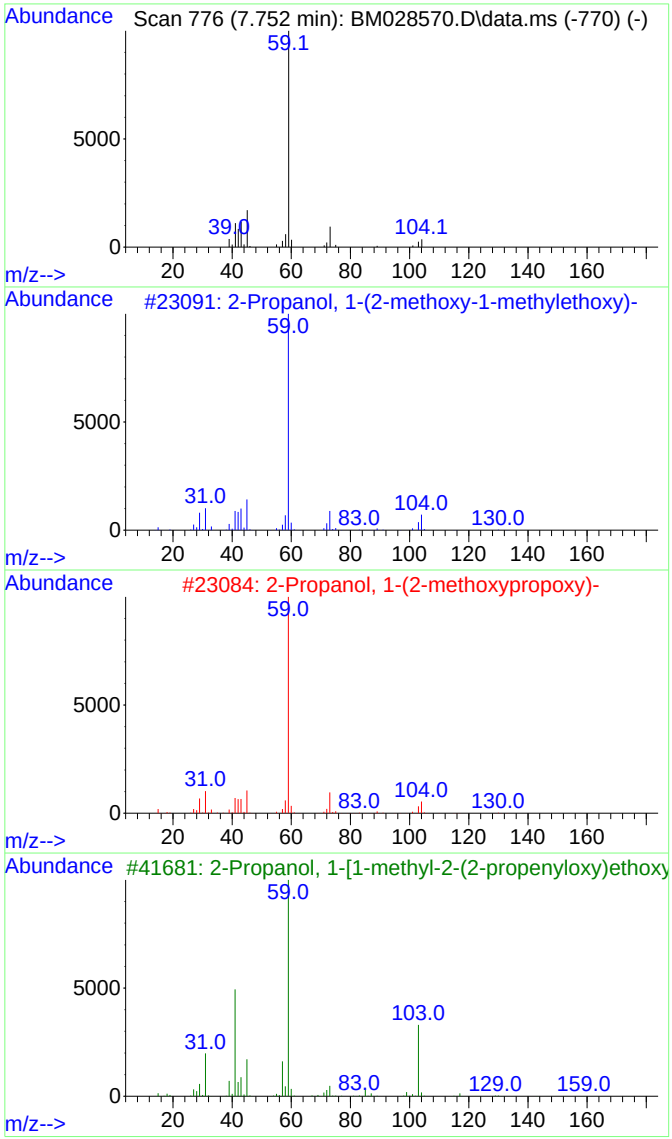
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

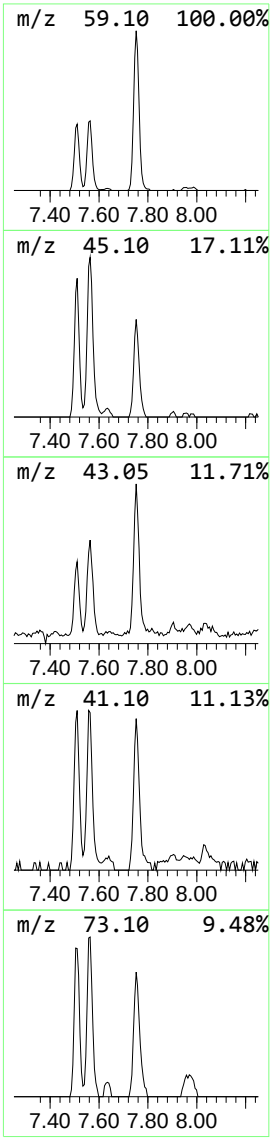
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propanol, 1-(2-methoxypro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.752	10.64 ng	89076	1,4-Dichlorobenzene-d4	7.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028570.D
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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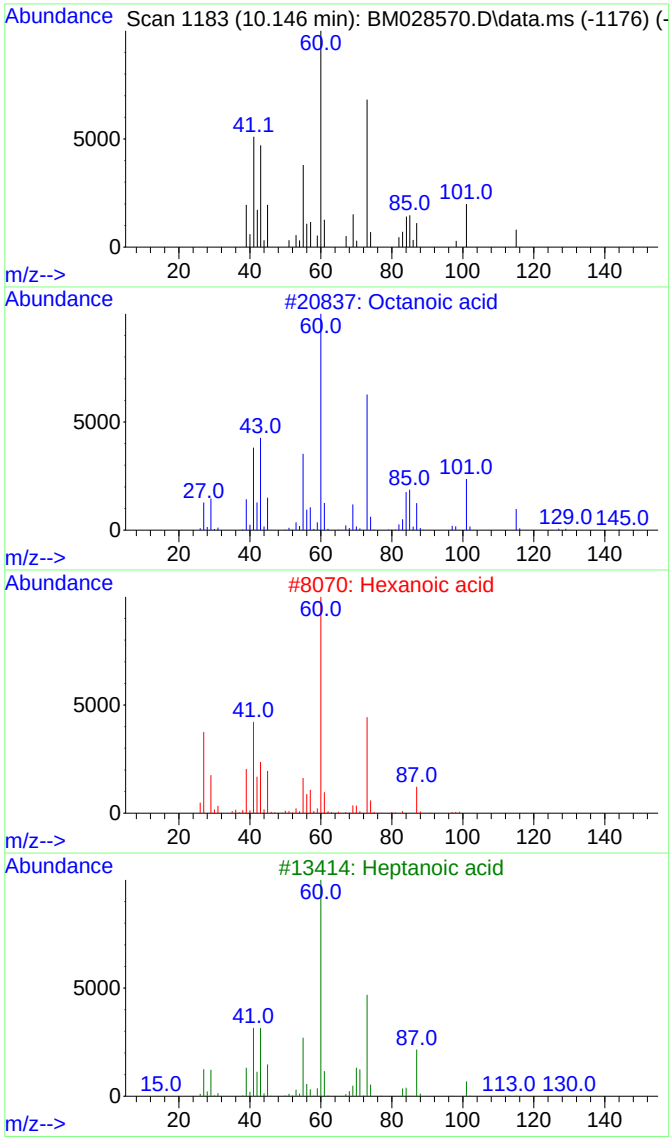
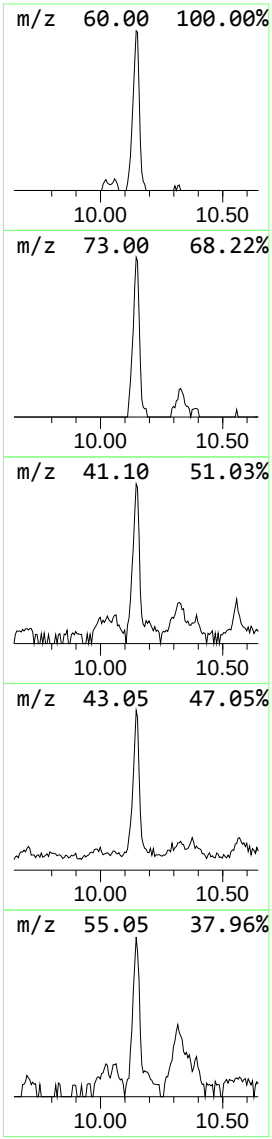
Peak Number 7 Octanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.146	4.37 ng	49964	Naphthalene-d8	10.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	90
2	Hexanoic acid	116	C6H12O2	000142-62-1	59
3	Heptanoic acid	130	C7H14O2	000111-14-8	50
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	40
5	Pentanoic acid	102	C5H10O2	000109-52-4	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028570.D
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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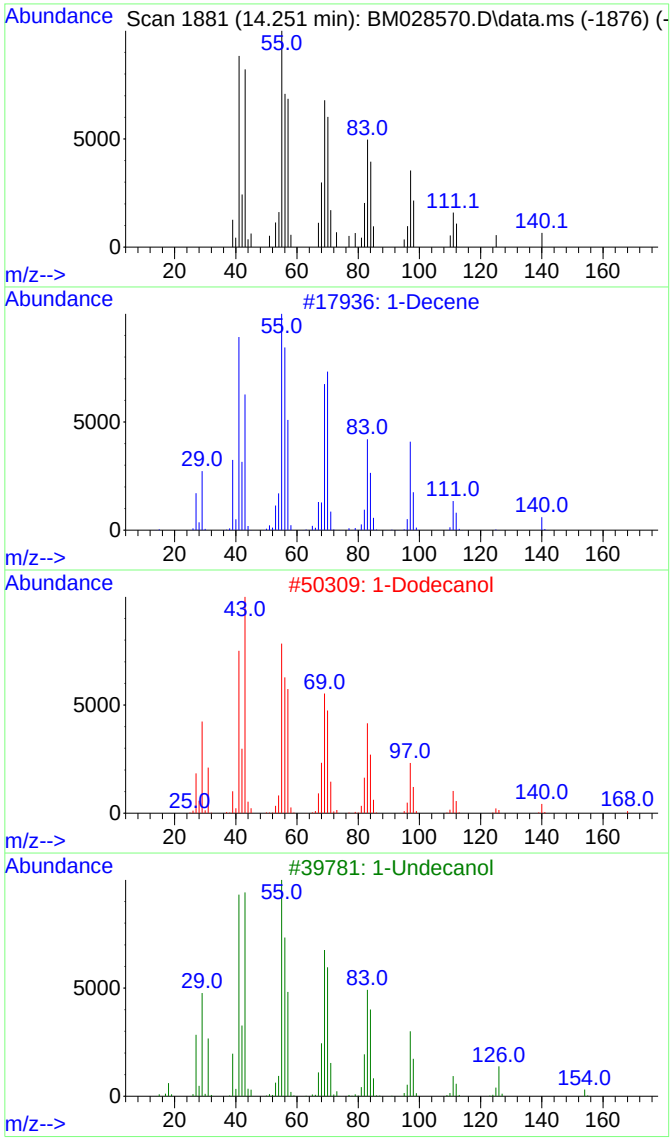
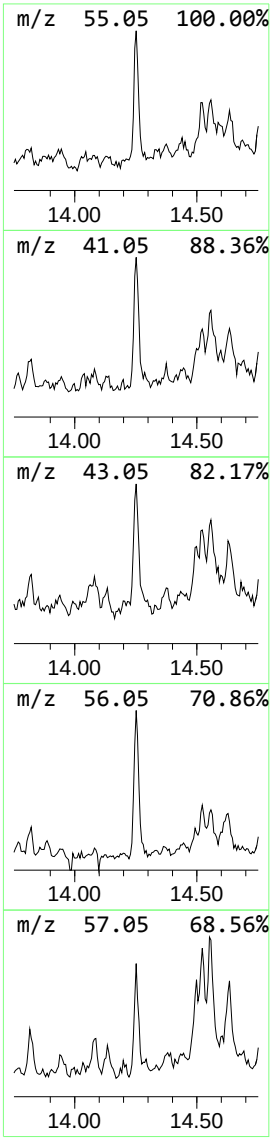
Peak Number 8 1-Decene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	2.82 ng	41169	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	95
2	1-Dodecanol	186	C12H26O	000112-53-8	90
3	1-Undecanol	172	C11H24O	000112-42-5	87
4	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	86
5	E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028570.D
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

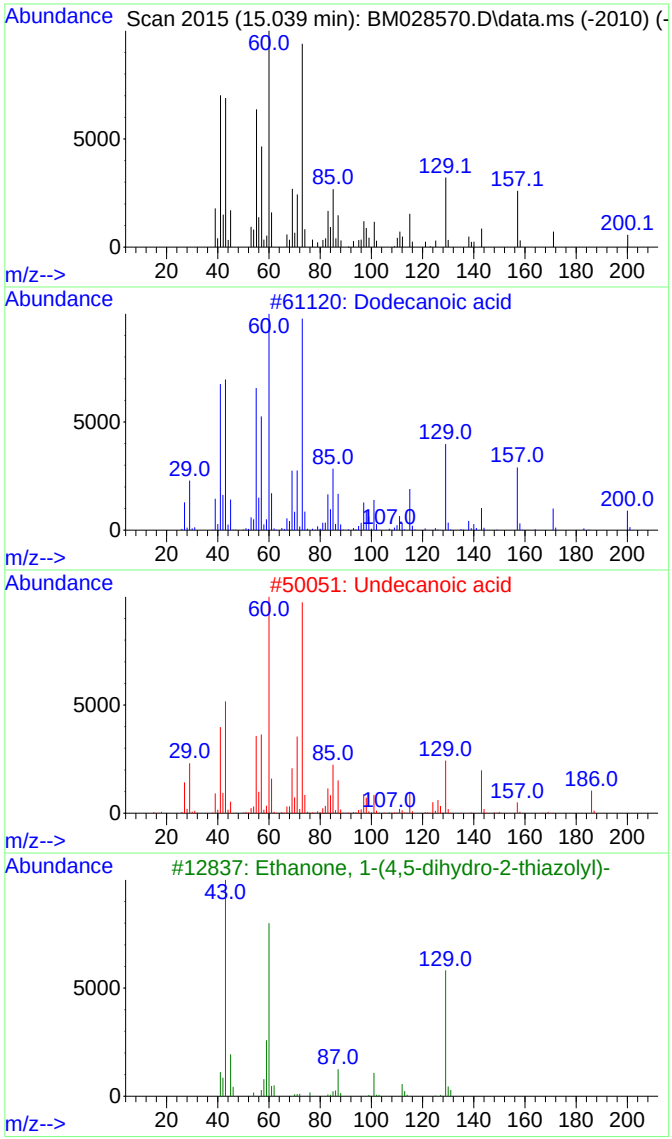
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

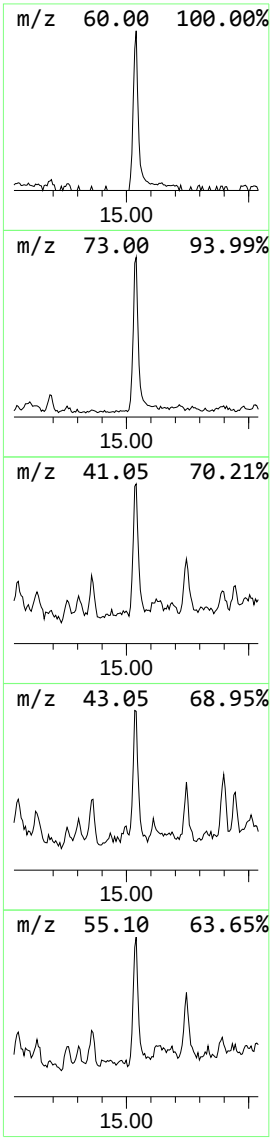
****

Peak Number 9 Dodecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.040	5.96 ng	87083	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	49
4	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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Data File : BM028570.D
Acq On : 27 Jan 2021 15:30
Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

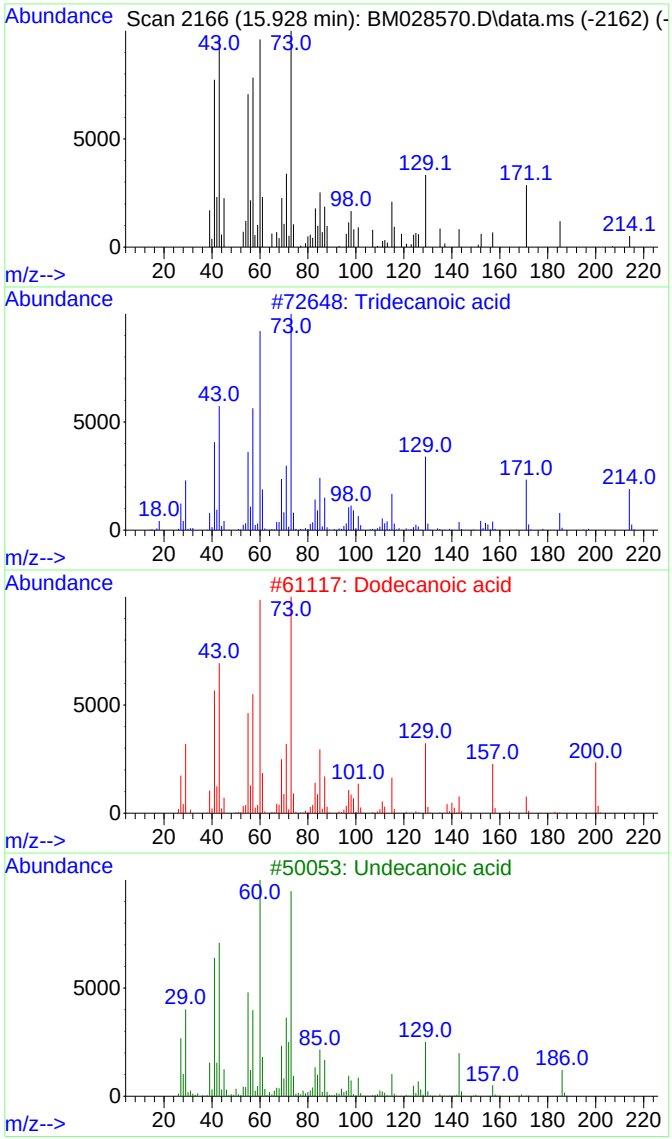
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

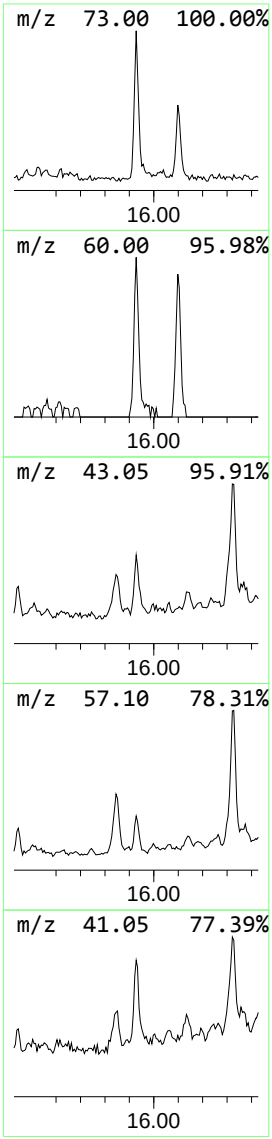
****

Peak Number 10 Tridecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.928	3.61 ng	52744	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	87
2	Dodecanoic acid	200	C12H24O2	000143-07-7	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	58
4	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	43
5	Xylose	150	C5H10O5	000058-86-6	38





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Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

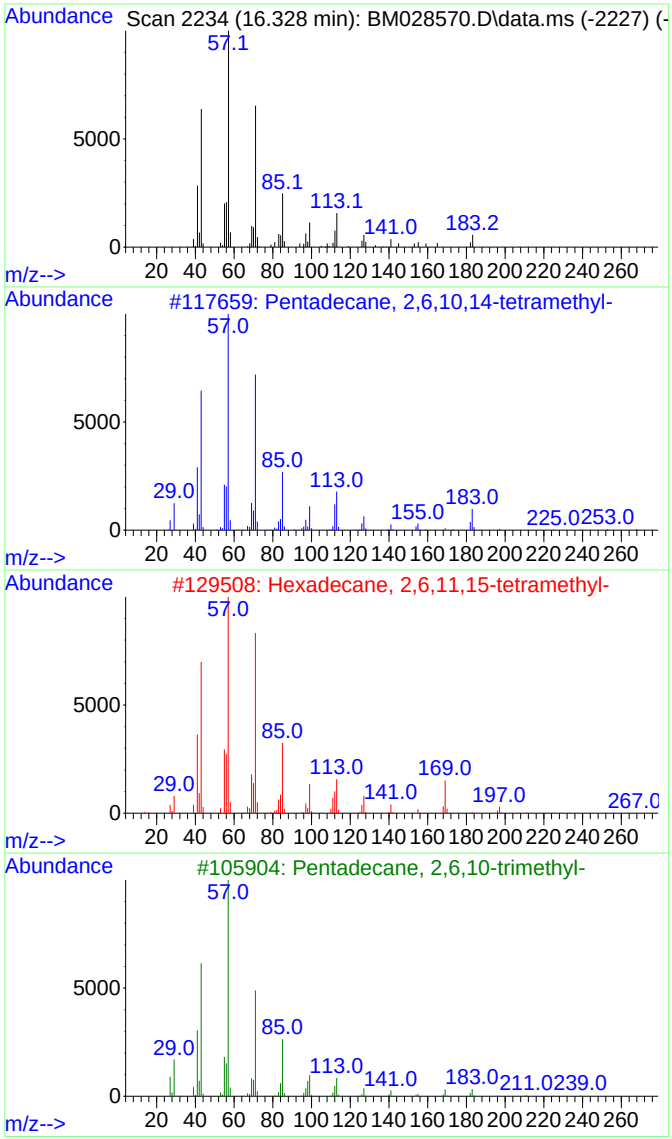
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

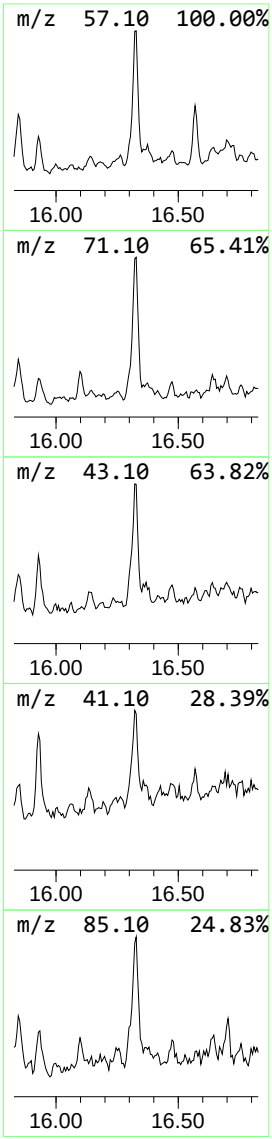
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.328	4.62 ng	74482	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





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Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

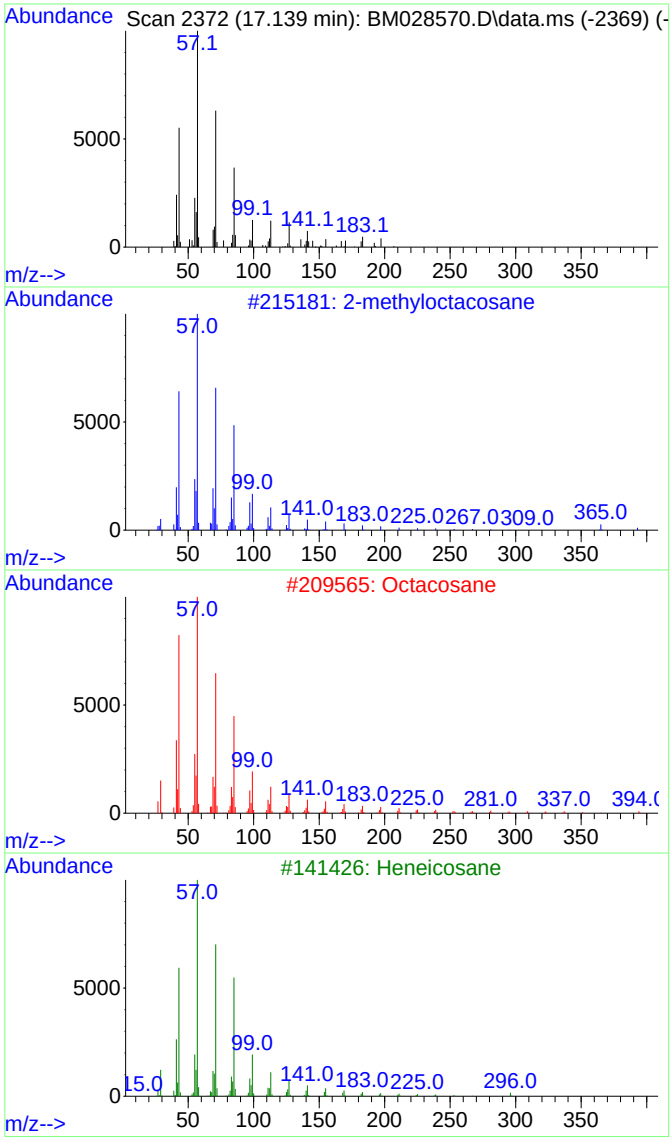
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

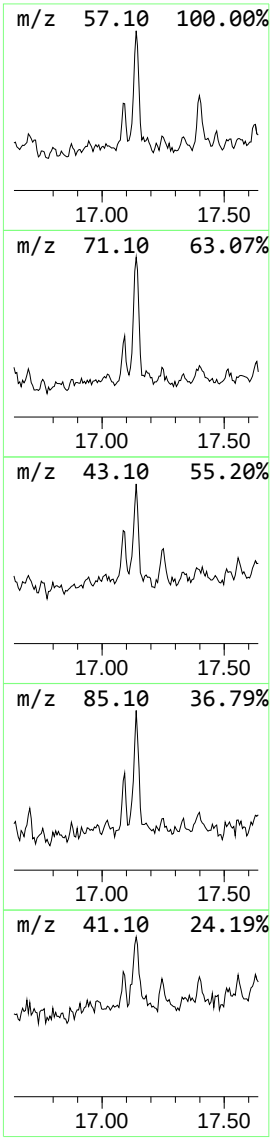
****

Peak Number 12 2-methyloctacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.139	4.08 ng	65762	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	78
2	Octacosane	394	C28H58	000630-02-4	64
3	Heneicosane	296	C21H44	000629-94-7	59
4	Pentadecane	212	C15H32	000629-62-9	59
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58





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Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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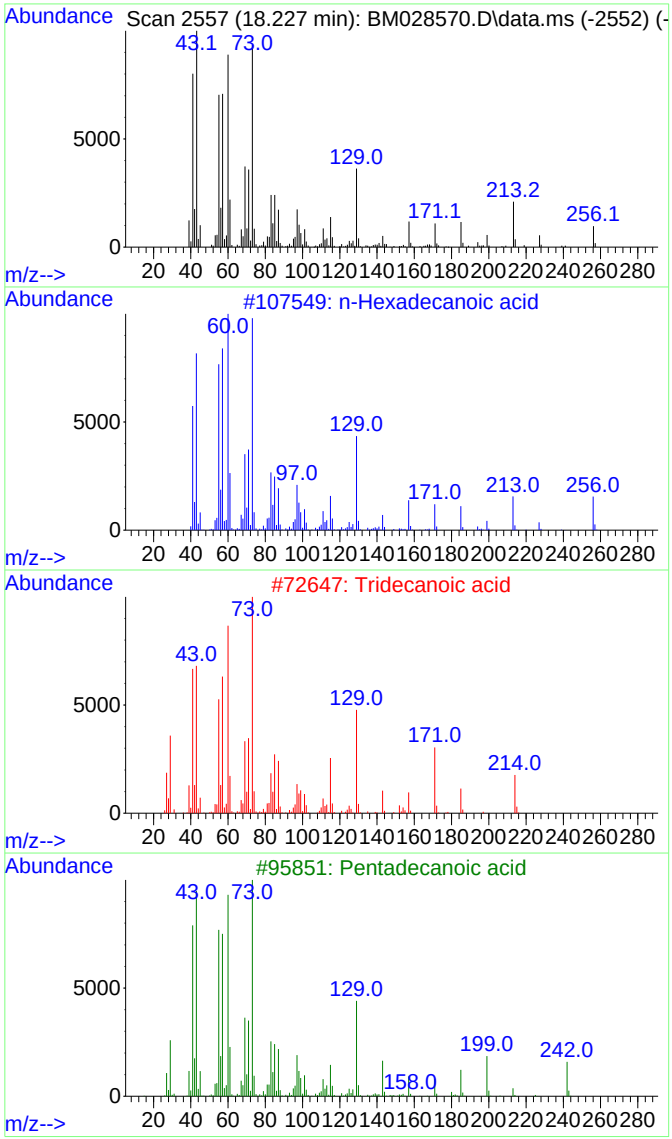
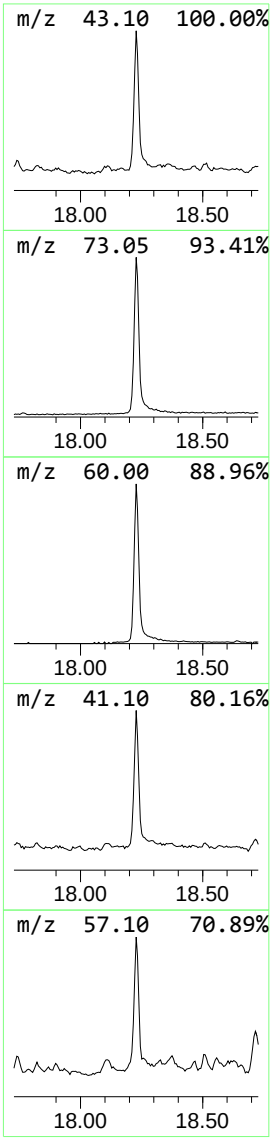
Peak Number 13 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	22.86 ng	368801	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Instrument : BNA_M
ClientSampleId : 1525

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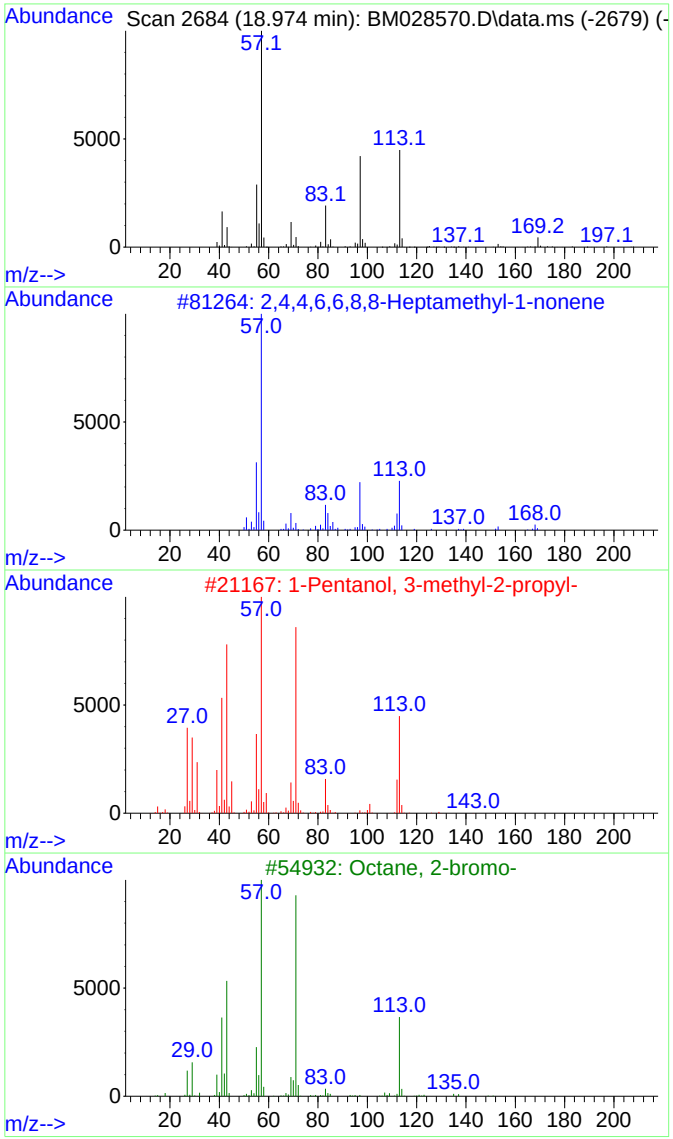
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

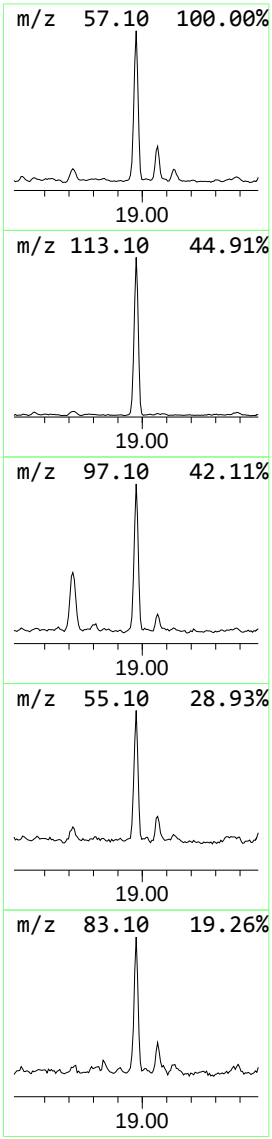
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	14.92 ng	240677	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	72
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	40
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	32
5	Octane, 2-iodo-	240	C8H17I	000557-36-8	25





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Operator : CG/JU
Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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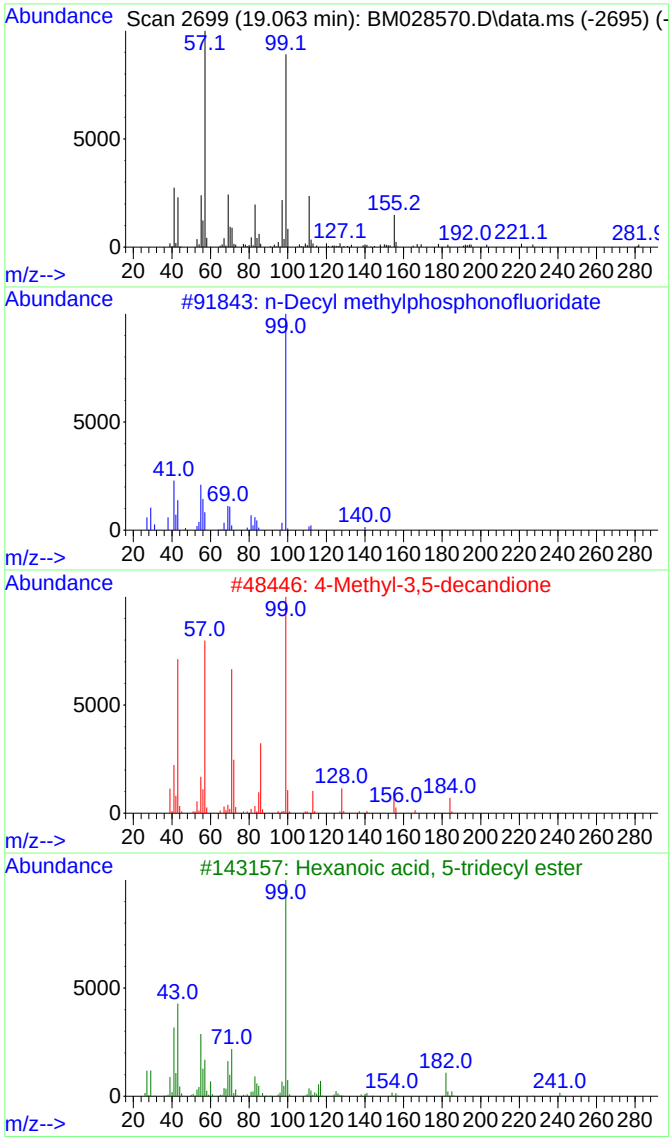
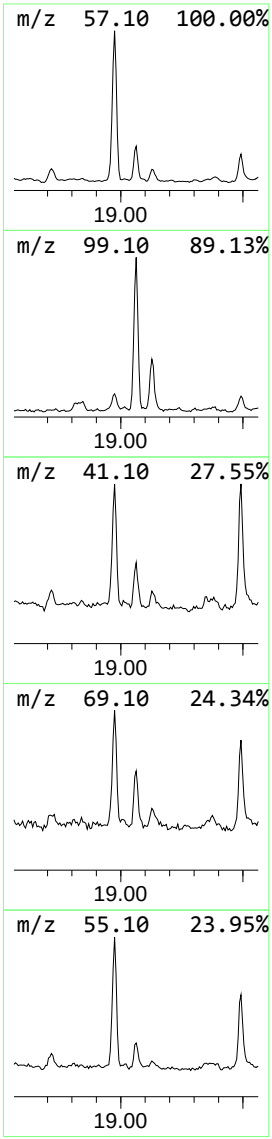
Peak Number 15 unknown19.06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	5.31 ng	85708	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decyl methylphosphonofluoridate	238	C11H24FO2P	193090-25-4	38
2	4-Methyl-3,5-decandione	184	C11H20O2	1000374-13-1	38
3	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	37
4	trans-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	37
5	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	37





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Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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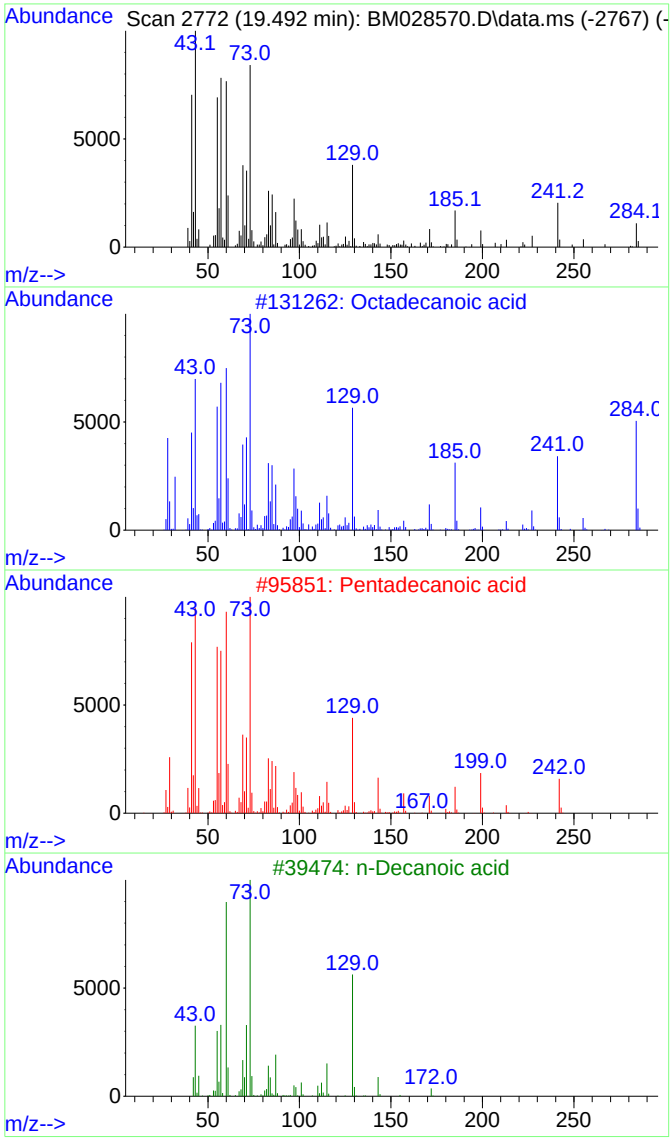
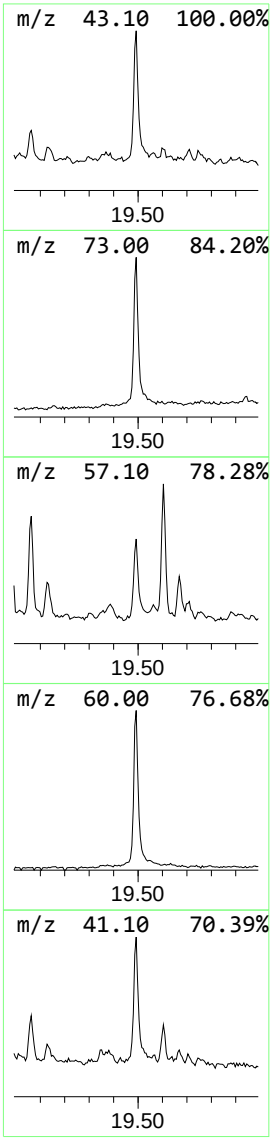
Peak Number 16 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.492	12.14 ng	210469	Chrysene-d12	21.486

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	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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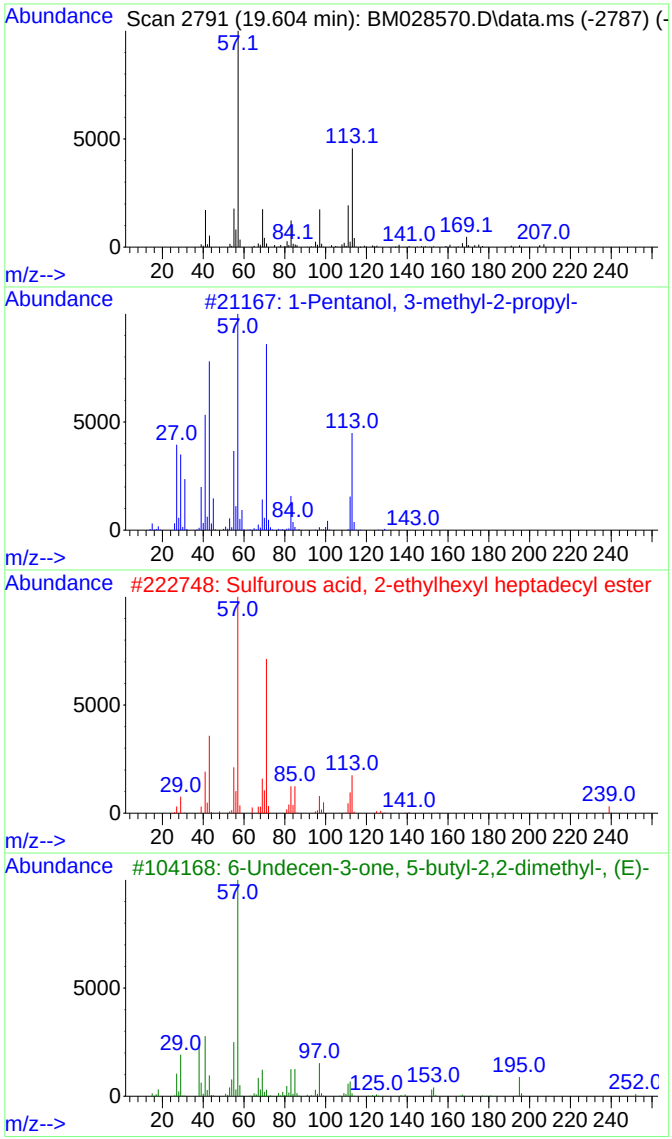
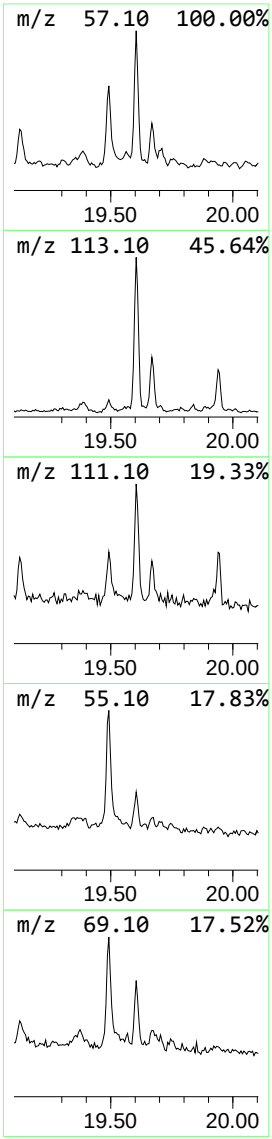
Peak Number 17 unknown19.60 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.604	3.76 ng	65177	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	33
2	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	25
3	6-Undecen-3-one, 5-butyl-2,2-dim...	252	C17H32O	055976-05-1	17
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	10
5	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	10





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Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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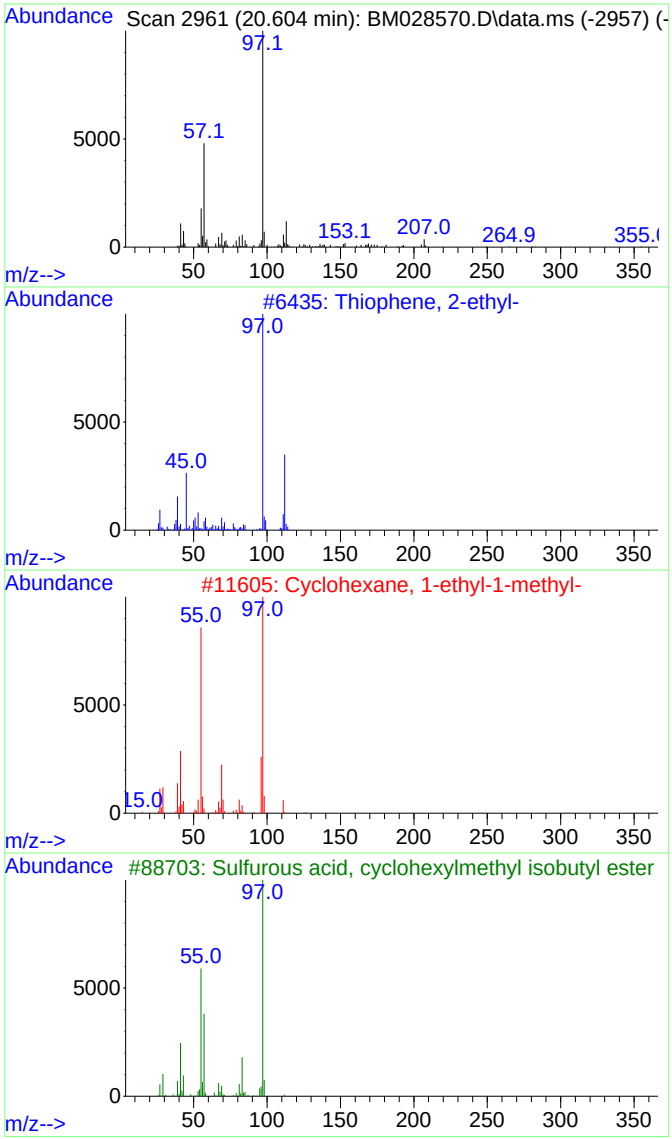
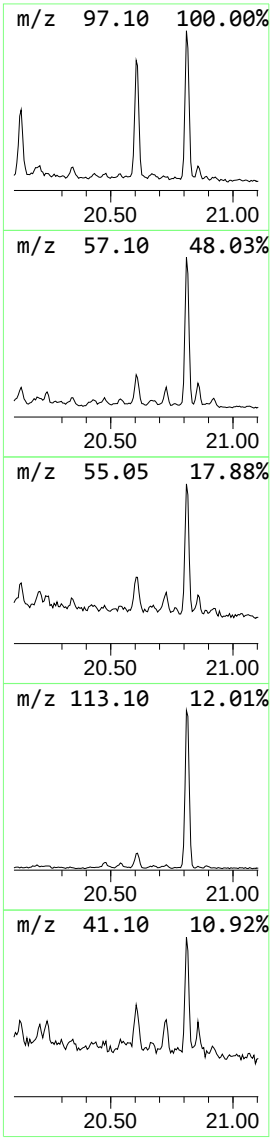
Peak Number 18 Thiophene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.604	3.60 ng	62492	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	59
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
3	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	53
4	2H-Pyran-4-carboxylic acid, 3,4-...	170	C9H14O3	038858-64-9	50
5	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	45





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Sample : M1217-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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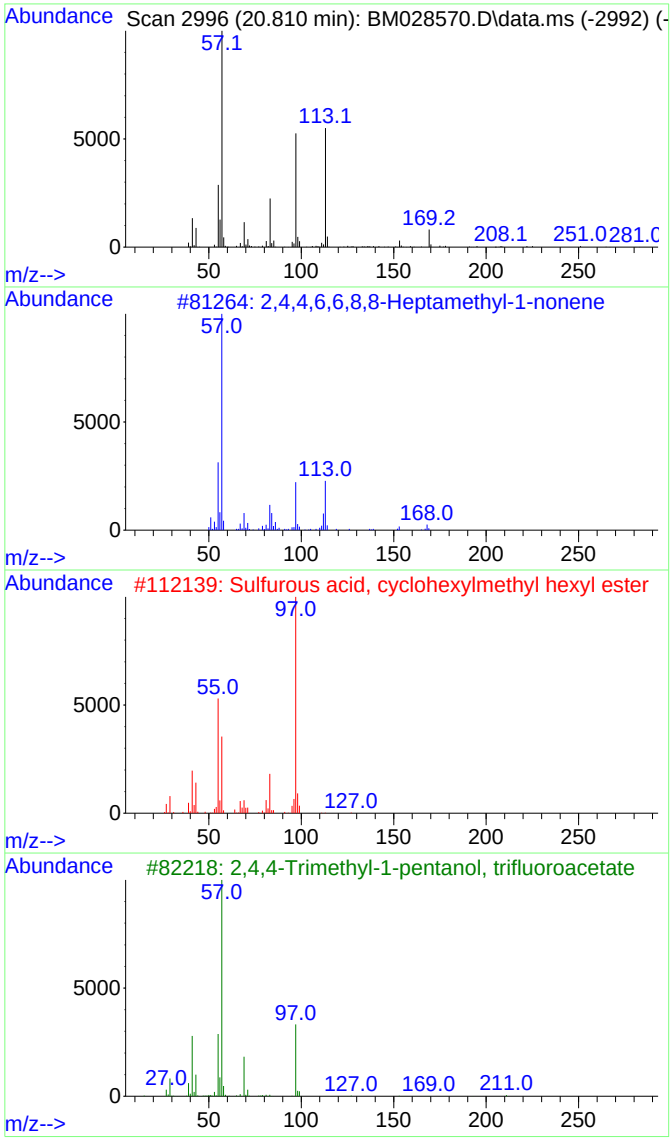
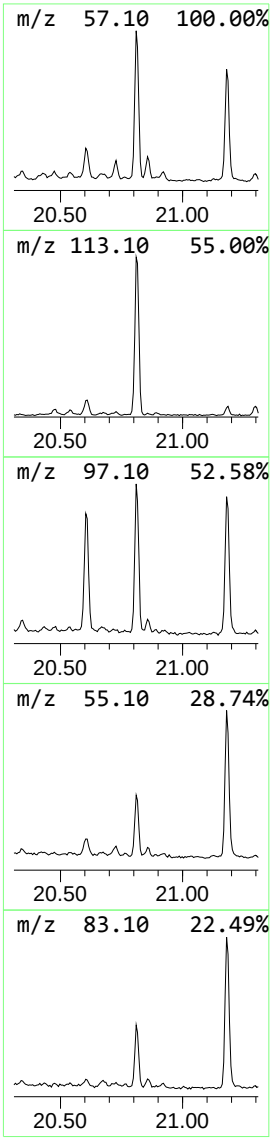
Peak Number 19 unknown20.81 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.810	8.73 ng	151315	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	72
2	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	47
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	35
4	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	32
5	11-Cyclopentylundecanooic acid, ...	307	C20H37NO	1000336-03-7	27





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ClientSampleId : 1525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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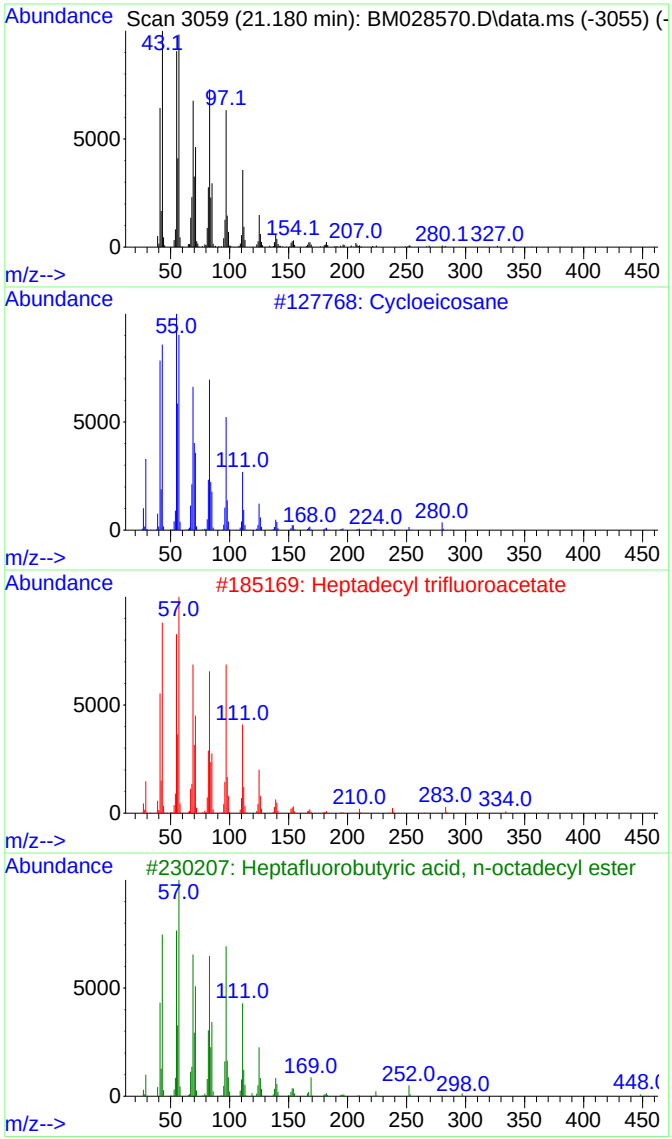
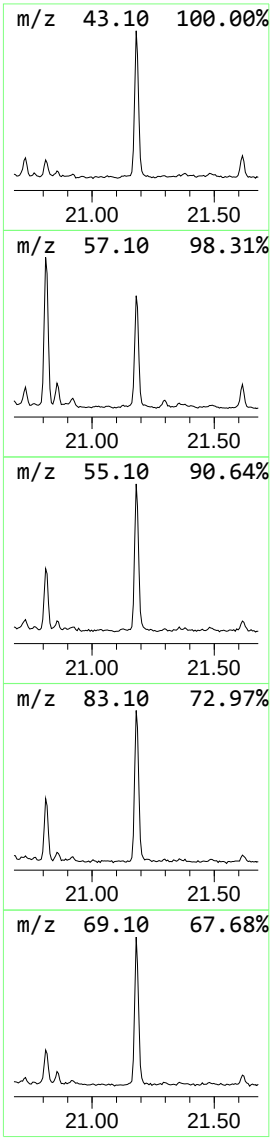
Peak Number 20 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	18.38 ng	318796	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94





Tentatively Identified Compound (LSC) summary

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Sample : M1217-15
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.022	3.3	ng	27911	1	7.969	167410	20.0
Ethanol, 2-butoxy-	6.017	3.2	ng	27123	1	7.969	167410	20.0
2-Propanol, 1-(...	7.511	6.5	ng	54089	1	7.969	167410	20.0
1-Propanol, 2,2...	7.563	7.7	ng	64425	1	7.969	167410	20.0
2-Propanol, 1-(...	7.752	10.6	ng	89076	1	7.969	167410	20.0
Octanoic acid	10.146	4.4	ng	49964	2	10.781	228423	20.0
1-Decene	14.251	2.8	ng	41169	3	14.616	292048	20.0
Dodecanoic acid	15.040	6.0	ng	87083	3	14.616	292048	20.0
Tridecanoic acid	15.928	3.6	ng	52744	3	14.616	292048	20.0
Pentadecane, 2,...	16.328	4.6	ng	74482	4	17.345	322707	20.0
2-methyloctacosane	17.139	4.1	ng	65762	4	17.345	322707	20.0
n-Hexadecanoic ...	18.227	22.9	ng	368801	4	17.345	322707	20.0
2,4,4,6,6,8,8-H...	18.974	14.9	ng	240677	4	17.345	322707	20.0
unknown19.06	19.063	5.3	ng	85708	4	17.345	322707	20.0
Octadecanoic acid	19.492	12.1	ng	210469	5	21.486	346808	20.0
unknown19.60	19.604	3.8	ng	65177	5	21.486	346808	20.0
Thiophene, 2-et...	20.604	3.6	ng	62492	5	21.486	346808	20.0
unknown20.81	20.810	8.7	ng	151315	5	21.486	346808	20.0
Cycloeicosane	21.180	18.4	ng	318796	5	21.486	346808	20.0