LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028563.D
Acq On : 27 Jan 2021 04:37
Operator : CG/JU
Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

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: BM028563.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.992	806	817	823	rBV	176212	280264	5.58%	1.138%
2	8.069	823	830	853	rBV	930497	1550677	30.90%	6.298%
3	8.945	974	979	995	rBV4	27448	91613	1.83%	0.372%
4	9.216	1020	1025	1030	rVB	181688	266456	5.31%	1.082%
5	9.351	1043	1048	1054	rVB2	44837	86317	1.72%	0.351%
6	9.457	1056	1066	1073	rVB4	25777	74709	1.49%	0.303%
7	9.557	1073	1083	1090	rBV10	14347	54060	1.08%	0.220%
8	9.922	1140	1145	1150	rVB2	31201	50366	1.00%	0.205%
9	10.216	1189	1195	1205	rVB	37958	71957	1.43%	0.292%
10	10.763	1282	1288	1291	rBV	82678	125453	2.50%	0.510%
11	10.810	1291	1296	1303	rVB	218295	365952	7.29%	1.486%
12	10.945	1311	1319	1325	rVB3	29385	67224	1.34%	0.273%
13	12.839	1636	1641	1645	rBV2	37165	59392	1.18%	0.241%
14	13.257	1708	1712	1720	rVB	100750	162977	3.25%	0.662%
15	13.333	1721	1725	1732	rBV8	23618	56437	1.12%	0.229%
16	13.416	1734	1739	1741	rBV3	48529	76969	1.53%	0.313%
17	13.445	1741	1744	1752	rVB	68802	110040	2.19%	0.447%
18	13.833	1807	1810	1815	rBV3	38881	61439	1.22%	0.250%
19	13.986	1829	1836	1840	rBV	1491449	2170598	43.25%	8.816%
20	14.057	1844	1848	1850	rVV	118670	168481	3.36%	0.684%
21	14.104	1853	1856	1860	rVV2	164244	226481	4.51%	0.920%
22	14.151	1860	1864	1871	rVV4	101477	218990	4.36%	0.889%
23	14.221	1872	1876	1881	rVB2	99018	145489	2.90%	0.591%
24	14.374	1897	1902	1906	rBV5	97125	216157	4.31%	0.878%
25	14.463	1912	1917	1922	rVB2	214072	338148	6.74%	1.373%
26	14.521	1923	1927	1935	rBV	165999	311131	6.20%	1.264%
27	14.598	1935	1940	1943	rBV	264404	457402	9.11%	1.858%
28	14.639	1943	1947	1954	rVB2	360035	615792	12.27%	2.501%
29	14.721	1959	1961	1965	rVB3	85567	110296	2.20%	0.448%
30	14.857	1981	1984	1989	rVB	124246	158091	3.15%	0.642%
31	14.963	1998	2002	2008	rBV4	211100	487484	9.71%	1.980%
32	15.015	2008	2011	2016	rVB	230248	338591	6.75%	1.375%
33	15.074	2018	2021	2026	rVB	239416	312318	6.22%	1.268%
34	15.139	2028	2032	2037	rBV3	320384	564969	11.26%	2.295%
35	15.204	2038	2043	2047	rVV2	204746	361659	7.21%	1.469%
36	15.357	2065	2069	2075	rBV4	158177	362893	7.23%	1.474%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028563.D
Acq On : 27 Jan 2021 04:37
Operator : CG/JU
Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

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	15.421	2076	2080	2085	rBV2	298196	606642	12.09%	2.464%
38	15.474	2086	2089	2093	rVB	255860	278060	5.54%	1.129%
39	15.527	2094	2098	2102	rBV2	415521	728275	14.51%	2.958%
40	15.574	2103	2106	2108	rBV2	193454	255671	5.09%	1.038%
41	15.880	2151	2158	2162	rBV	1178484	2147039	42.78%	8.720%
42	15.968	2171	2173	2180	rVB	372734	488251	9.73%	1.983%
43	16.092	2191	2194	2197	rBV	301624	343781	6.85%	1.396%
44	16.357	2232	2239	2251	rBV	2223277	5018229	100.00%	20.381%
45	16.674	2290	2293	2296	rBV	333908	412520	8.22%	1.675%
46	17.174	2374	2378	2382	rVB	1807766	2435463	48.53%	9.891%
47	17.774	2477	2480	2485	rVB	569103	730726	14.56%	2.968%

Sum of corrected areas: 24621929

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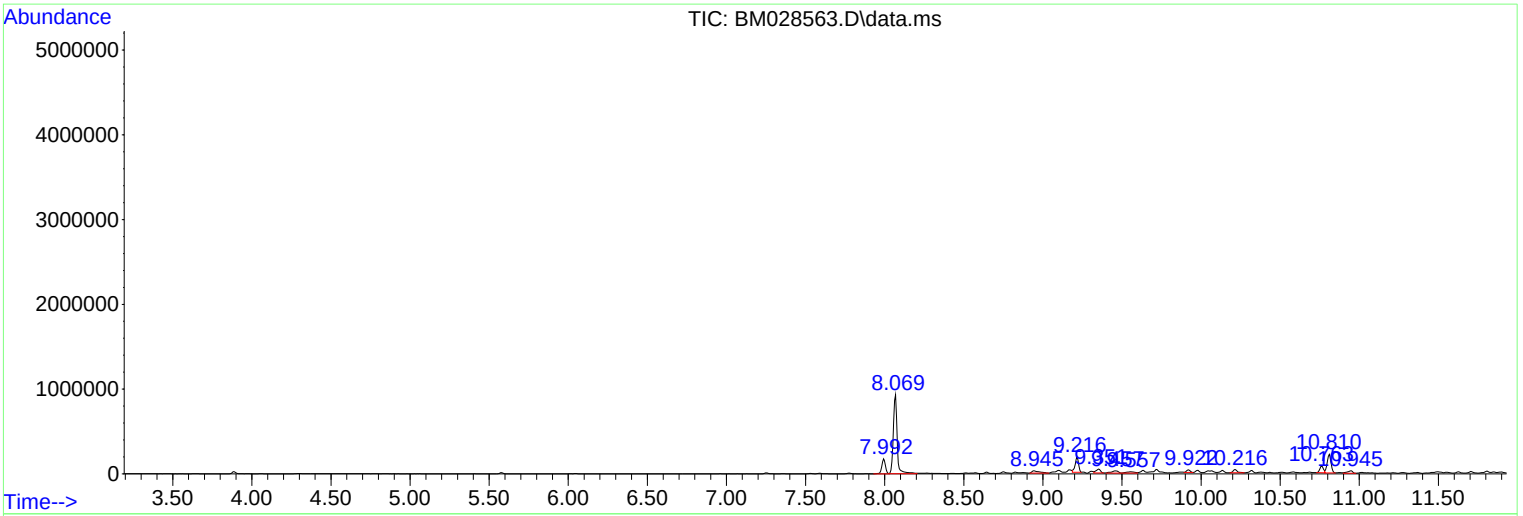
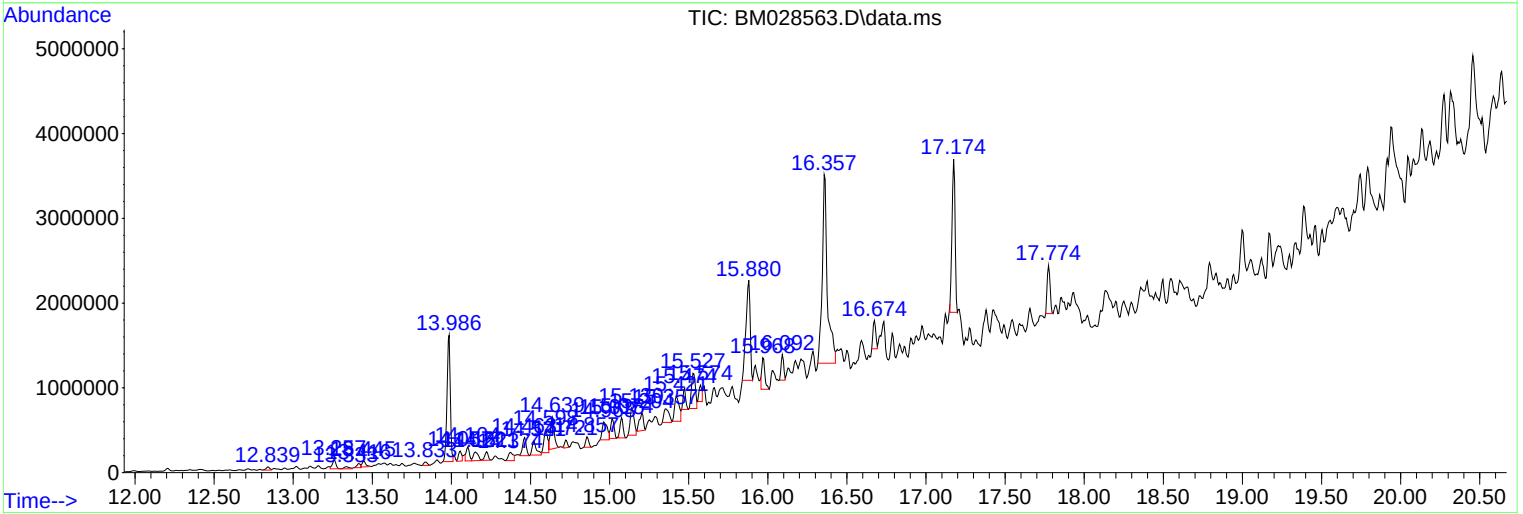
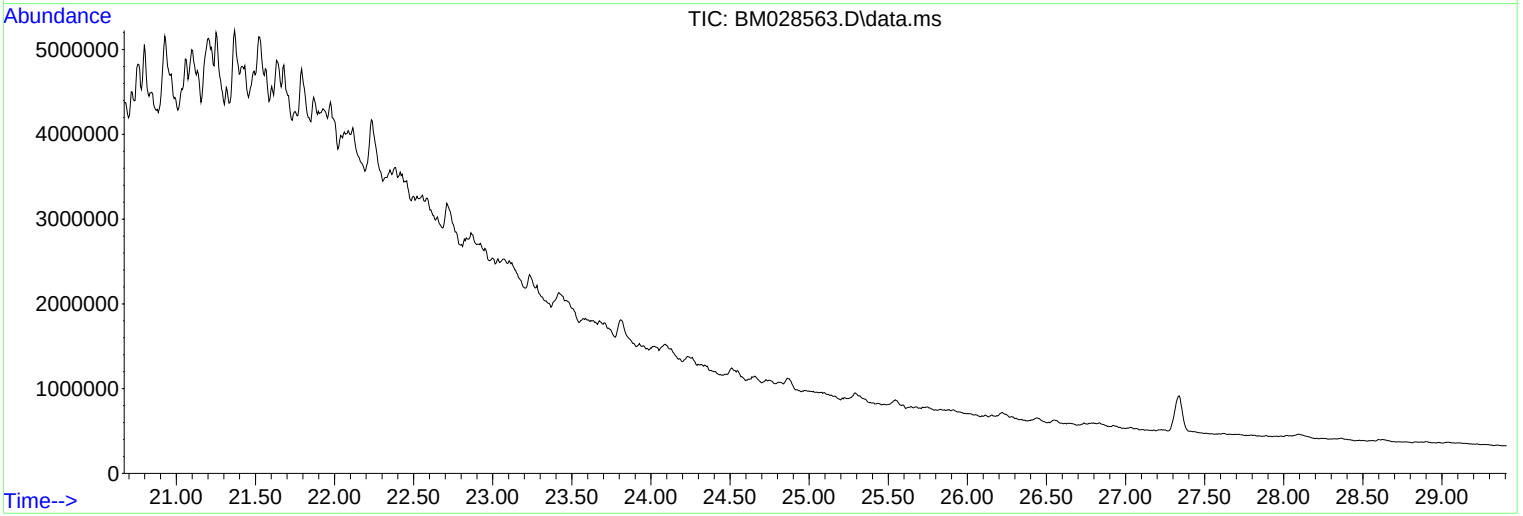
BNA_M
ClientSampleId :
1674-1685

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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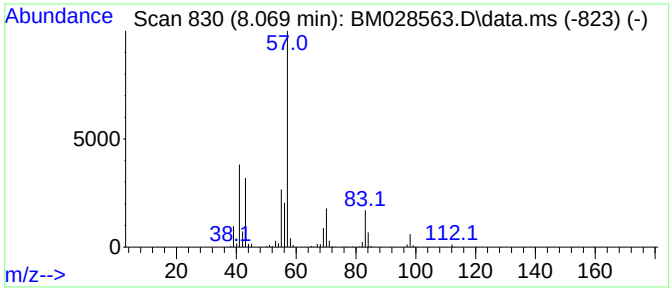
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

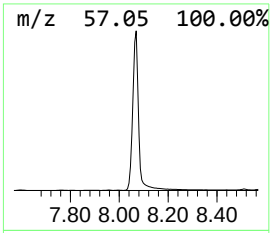
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

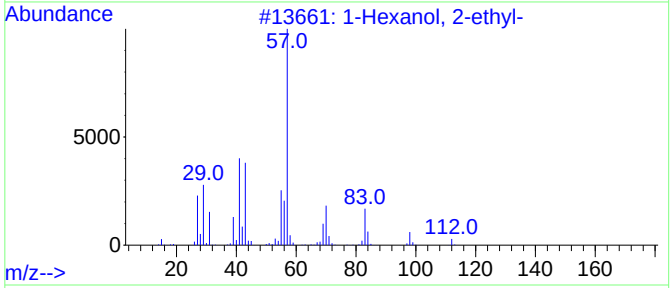
****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 1

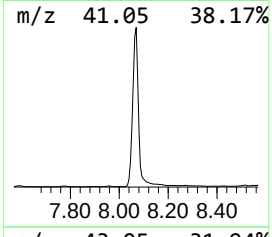
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	110.66 ng	1550680	1,4-Dichlorobenzene-d4	7.992

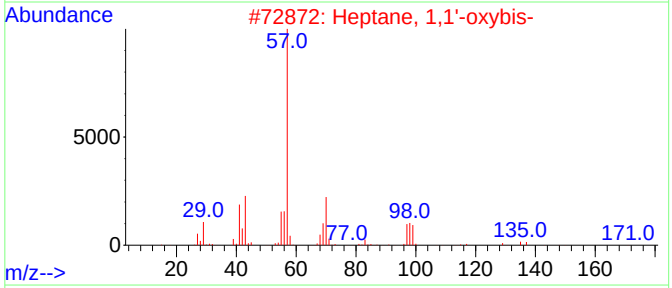
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
3	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	45

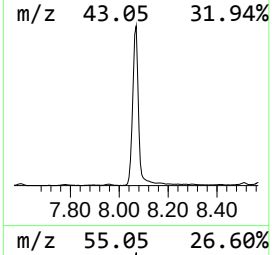


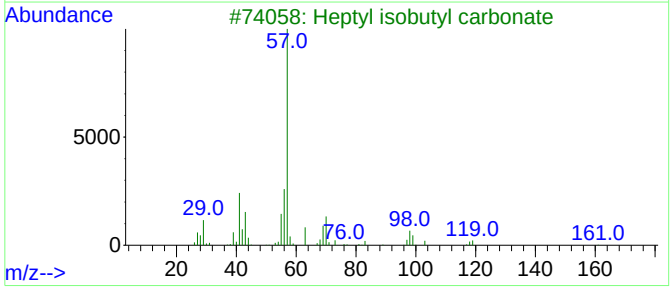


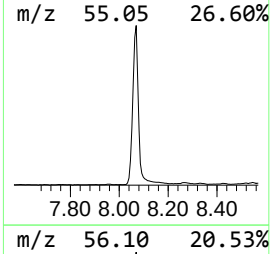


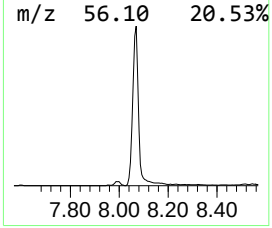












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028563.D
Acq On : 27 Jan 2021 04:37
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Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

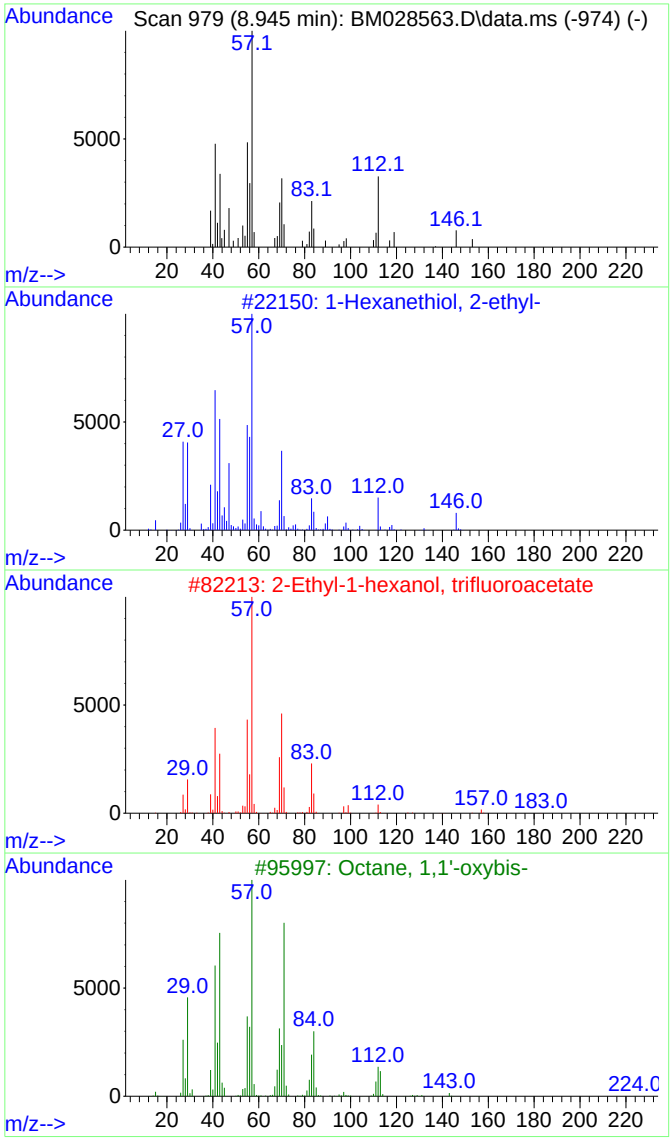
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

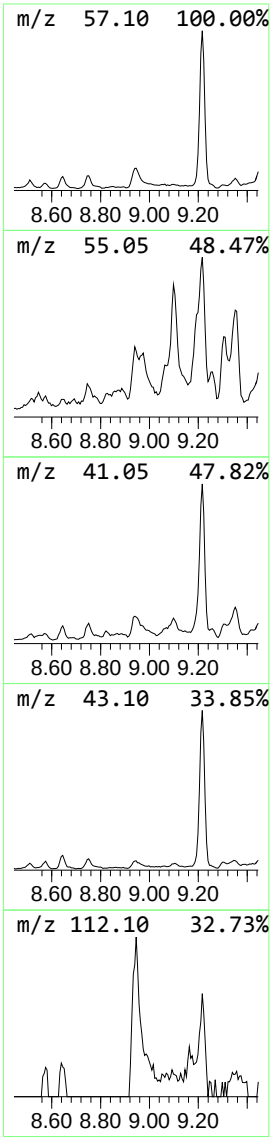
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Hexanethiol, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.945	6.54 ng	91613	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanethiol, 2-ethyl-	146	C8H18S	007341-17-5	53
2	2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	43
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	42
4	Formic acid, 2-propylpentyl ester	158	C9H18O2	1000368-74-8	38
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
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Instrument : BNA_M
ClientSampleId : 1674-1685

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

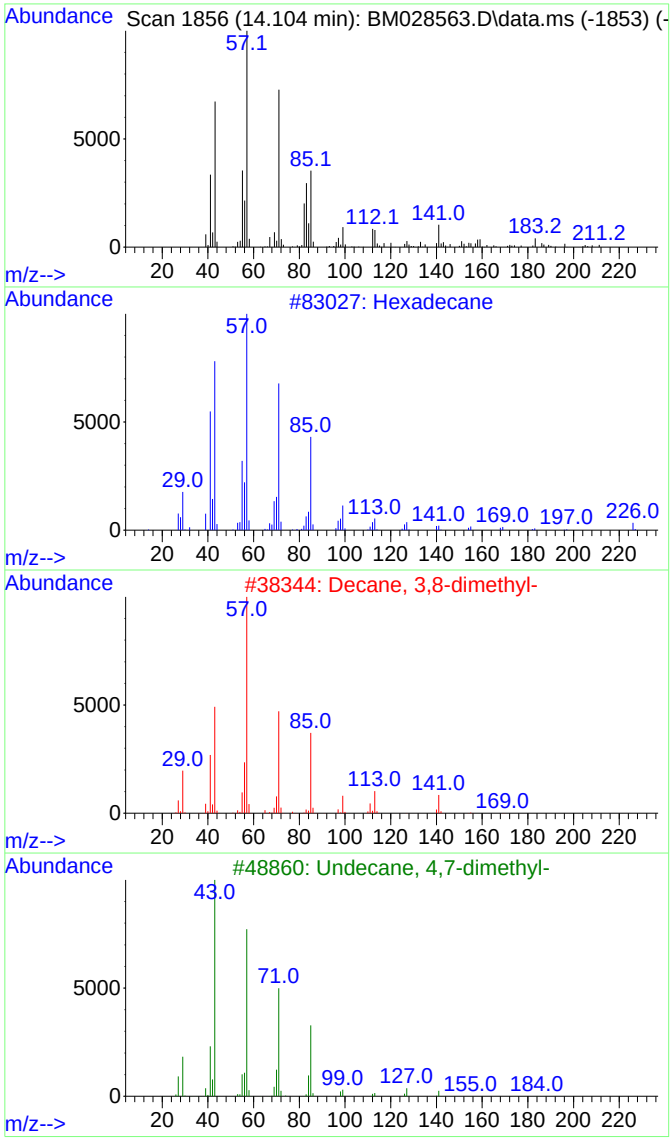
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

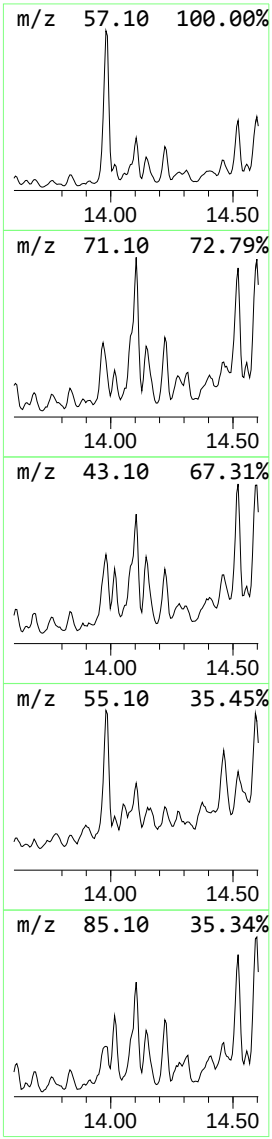
****

Peak Number 3 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.104	7.36 ng	226481	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	53
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	47
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	47
5	Nonane	128	C9H20	000111-84-2	46





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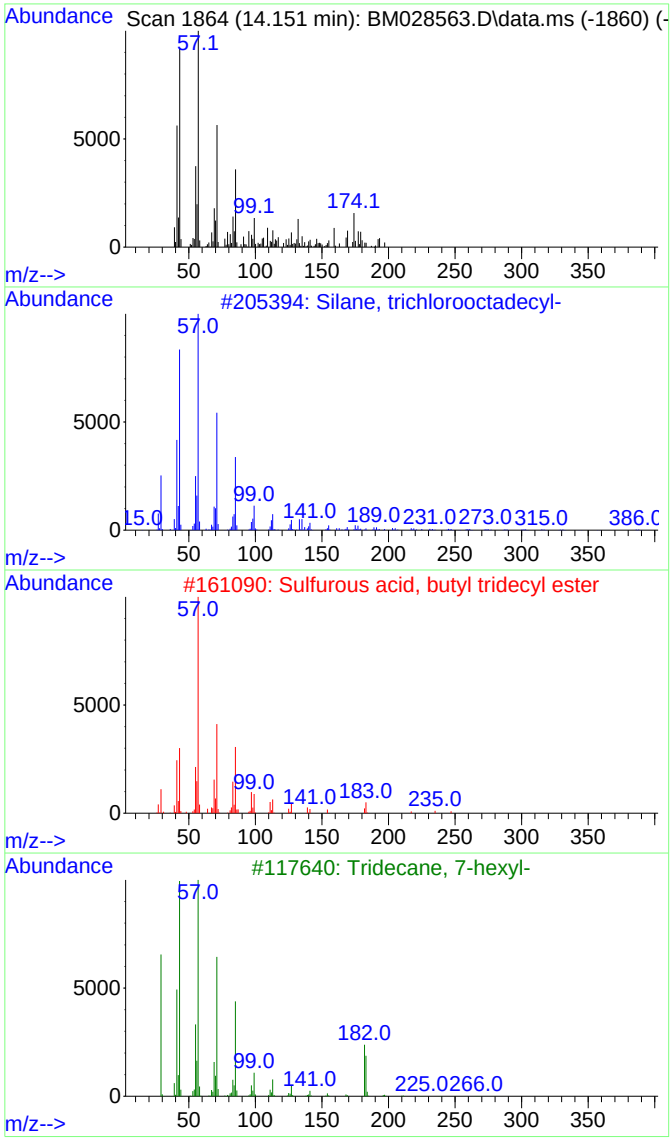
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

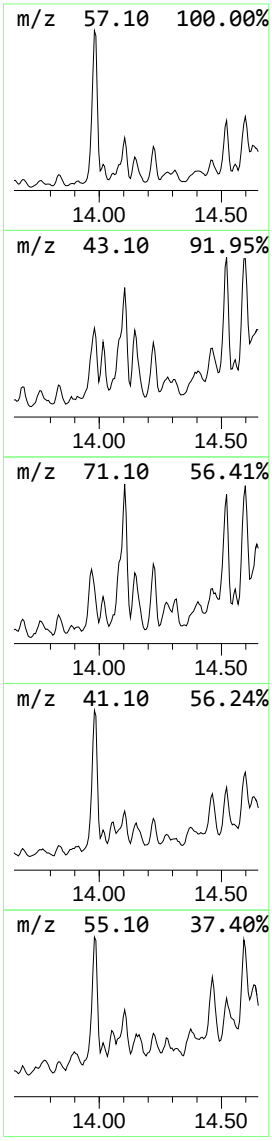
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Silane, trichlorooctadecyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	7.11 ng	218990	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	68
2	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	68
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	68
4	Heneicosane	296	C21H44	000629-94-7	68
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	64





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Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1674-1685

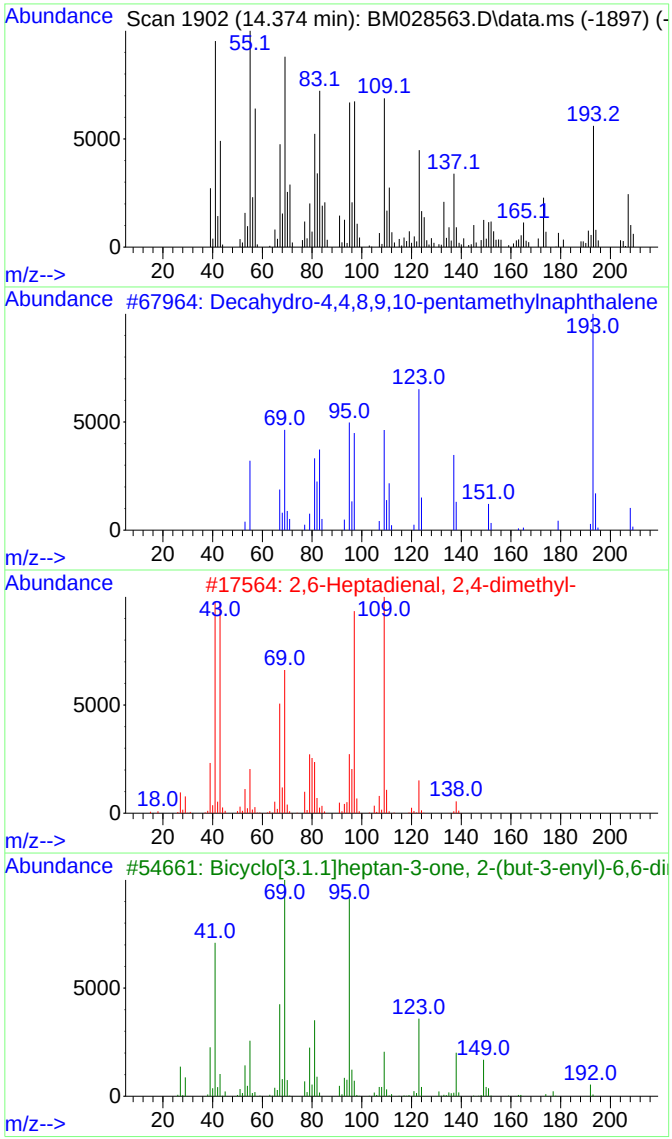
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

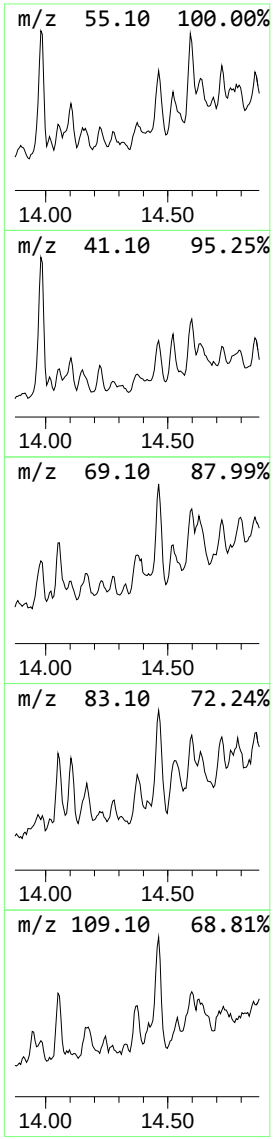
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Decahydro-4,4,8,9,10-pentam... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.374	7.02 ng	216157	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	95
2	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	43
3	Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1000163-96-1	38
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
5	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	30





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

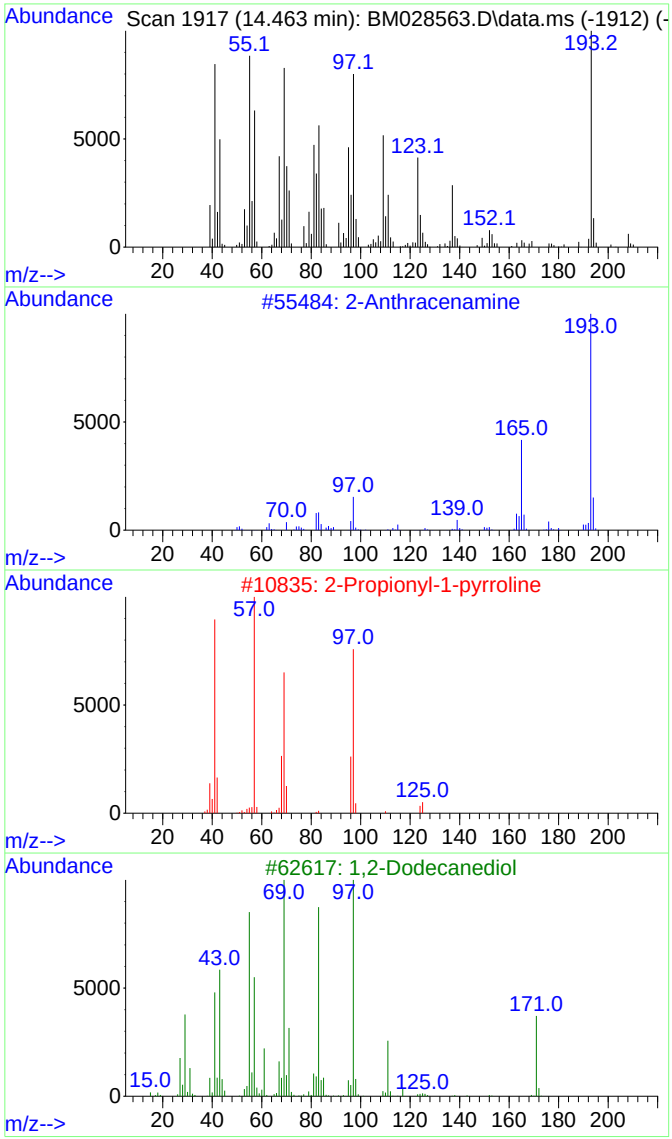
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

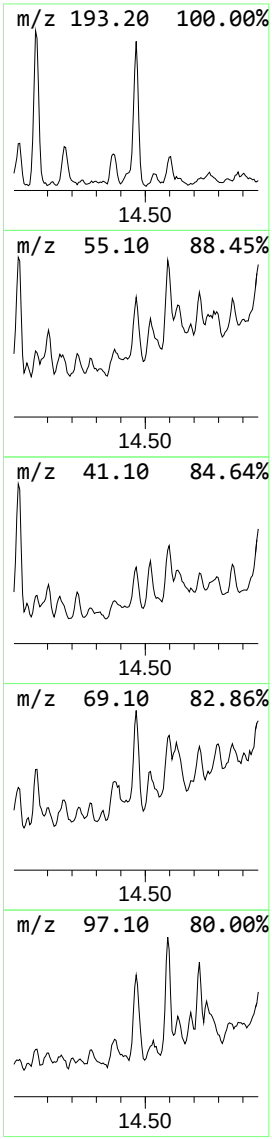
****

Peak Number 6 unknown14.463 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	10.98 ng	338148	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Anthracenamine	193	C14H11N	000613-13-8	41
2	2-Propionyl-1-pyrroline	125	C7H11NO	1000298-55-4	30
3	1,2-Dodecanediol	202	C12H26O2	001119-87-5	27
4	Cyclopentanecarboxylic acid, 4-p...	324	C21H40O2	1000280-59-2	22
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18





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Operator : CG/JU
Sample : M1217-19 10X
Misc :
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Instrument :
BNA_M
ClientSampleId :
1674-1685

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

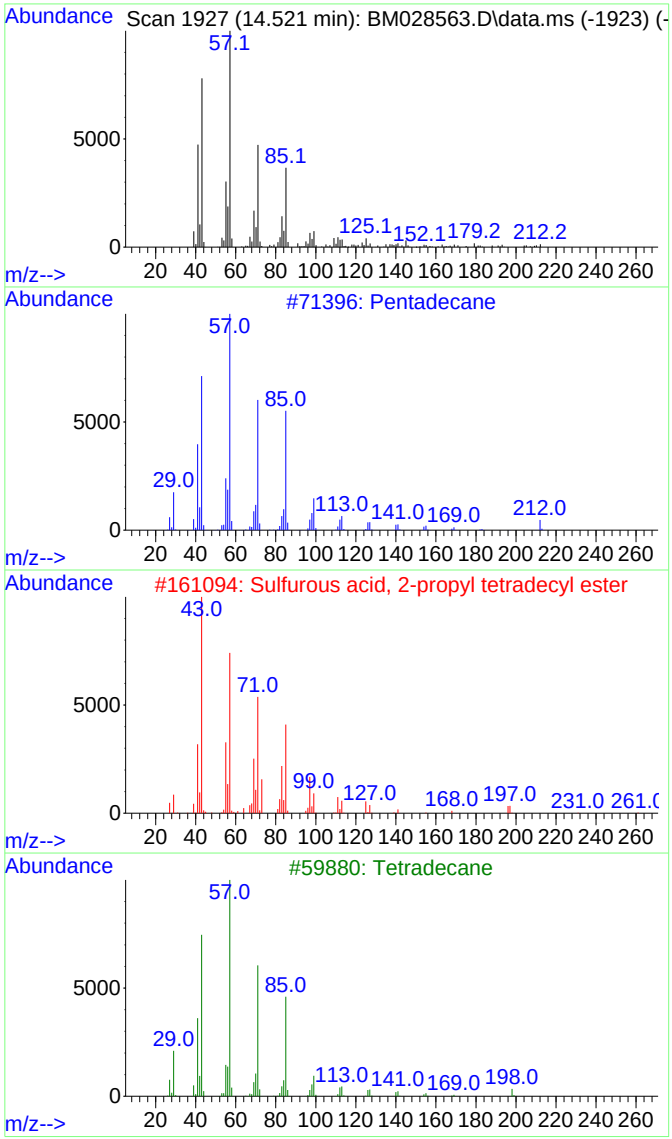
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

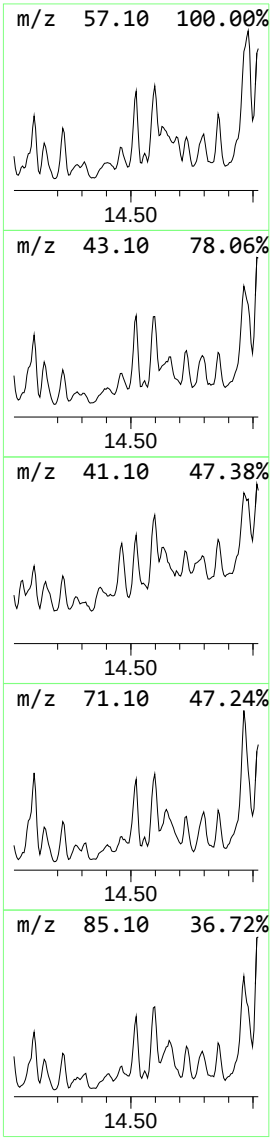
****

Peak Number 7 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.521	10.11 ng	311131	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Undecane	156	C11H24	001120-21-4	72





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Data File : BM028563.D
Acq On : 27 Jan 2021 04:37
Operator : CG/JU
Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

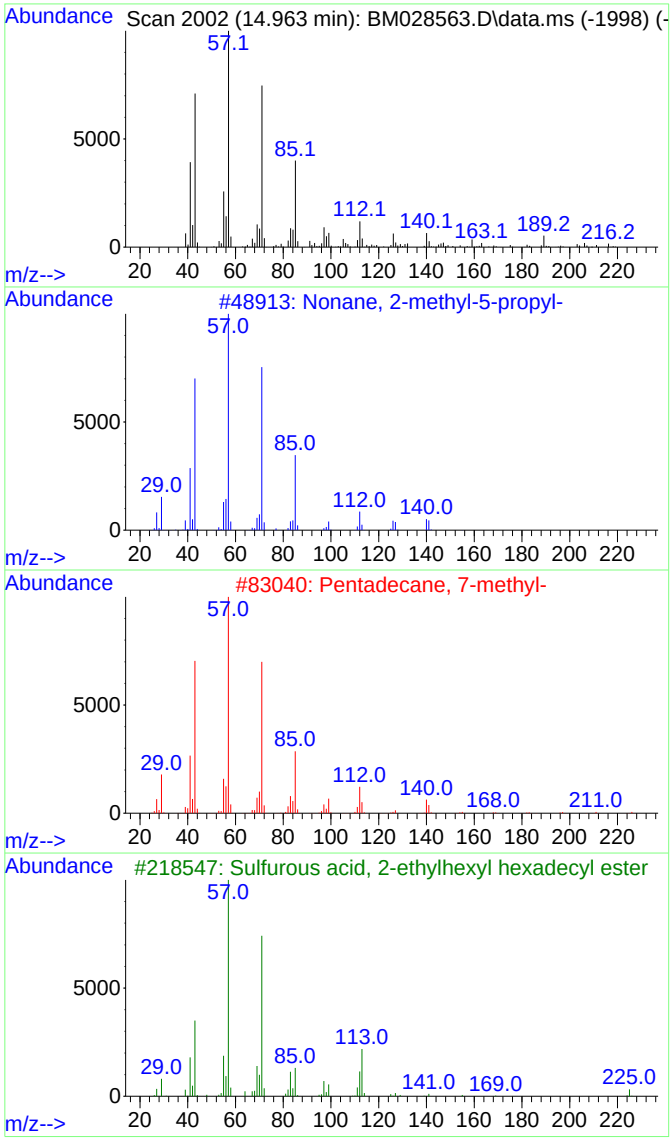
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

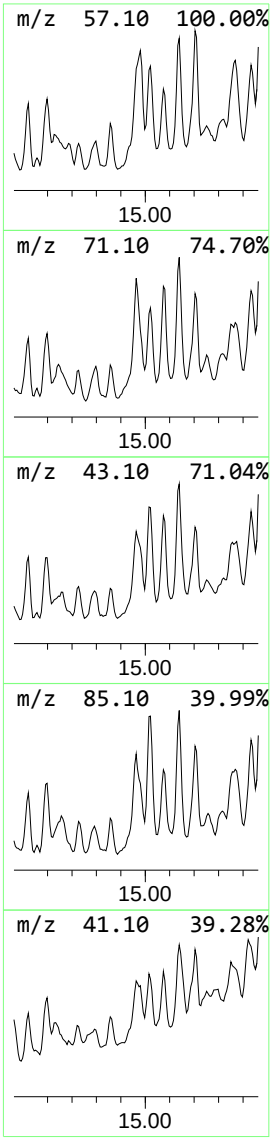
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Nonane, 2-methyl-5-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.963	15.83 ng	487484	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	80
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	58
4	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	58
5	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	58





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Sample : M1217-19 10X
Misc :
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Instrument : BNA_M
ClientSampleId : 1674-1685

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

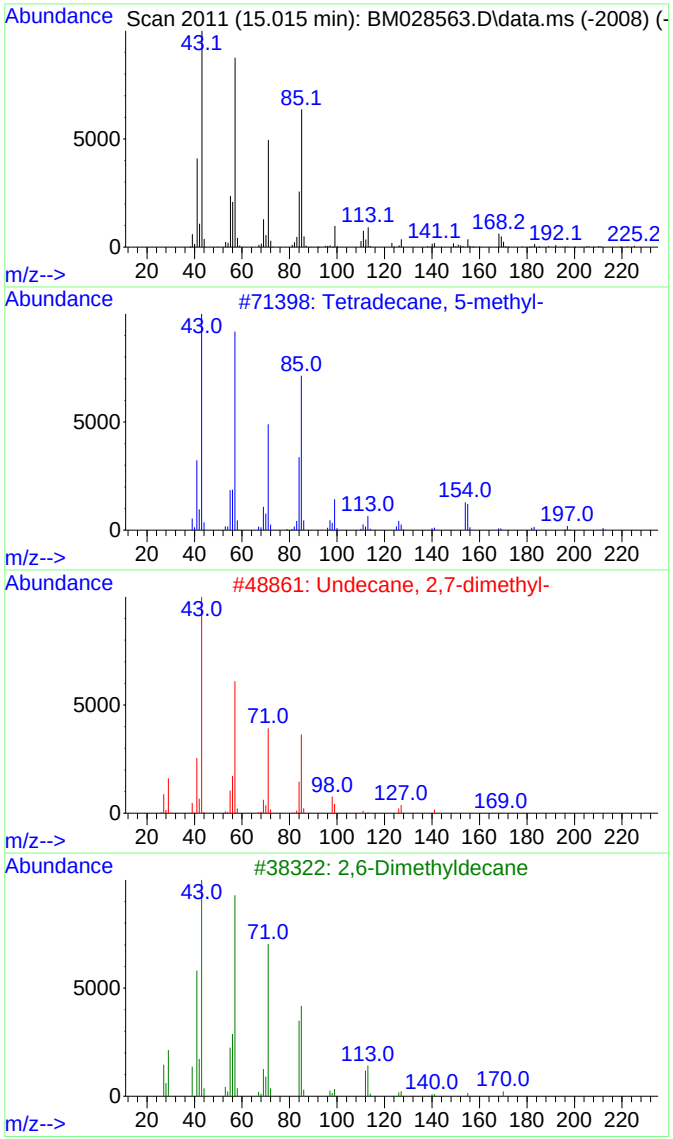
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

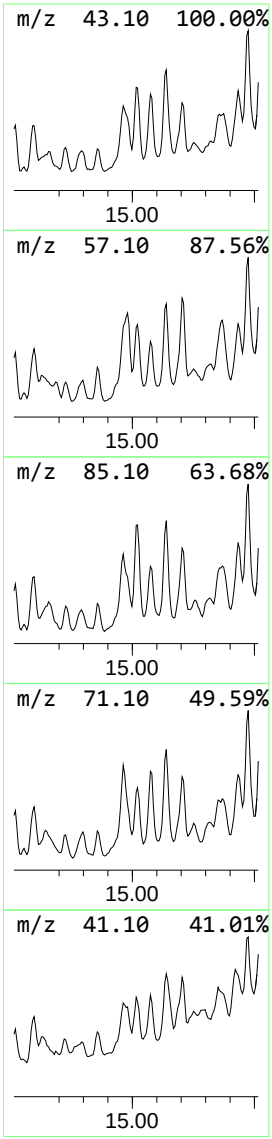
****

Peak Number 9 Tetradecane, 5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.015	11.00 ng	338591	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	78
2	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	62
4	Decane, 2-methyl-	156	C11H24	006975-98-0	58
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1674-1685

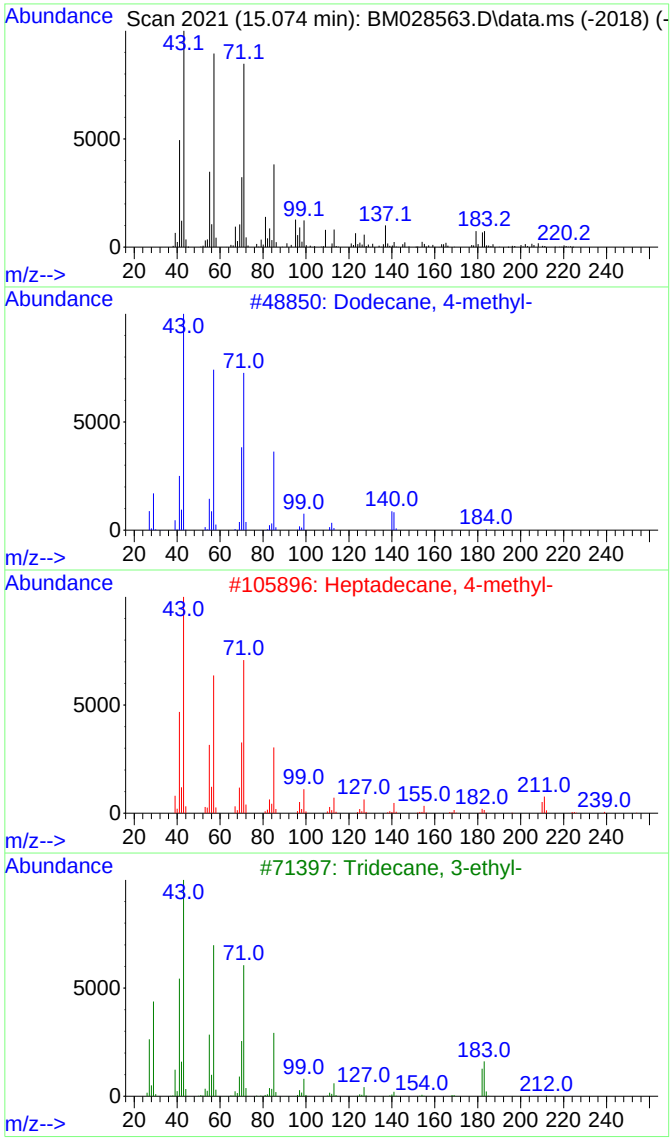
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

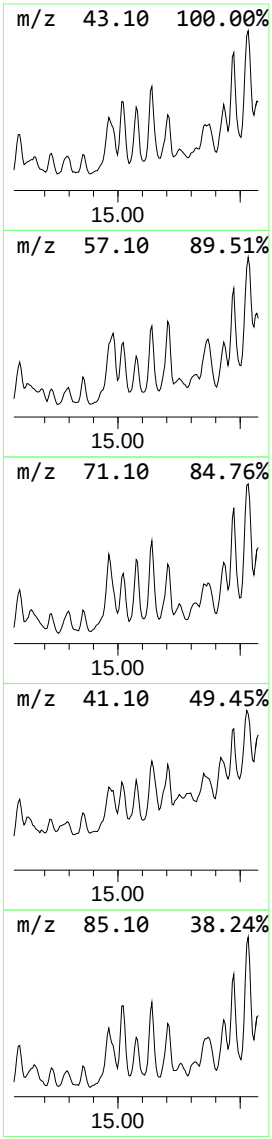
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dodecane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.074	10.14 ng	312318	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	72
3	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	72
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72





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Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

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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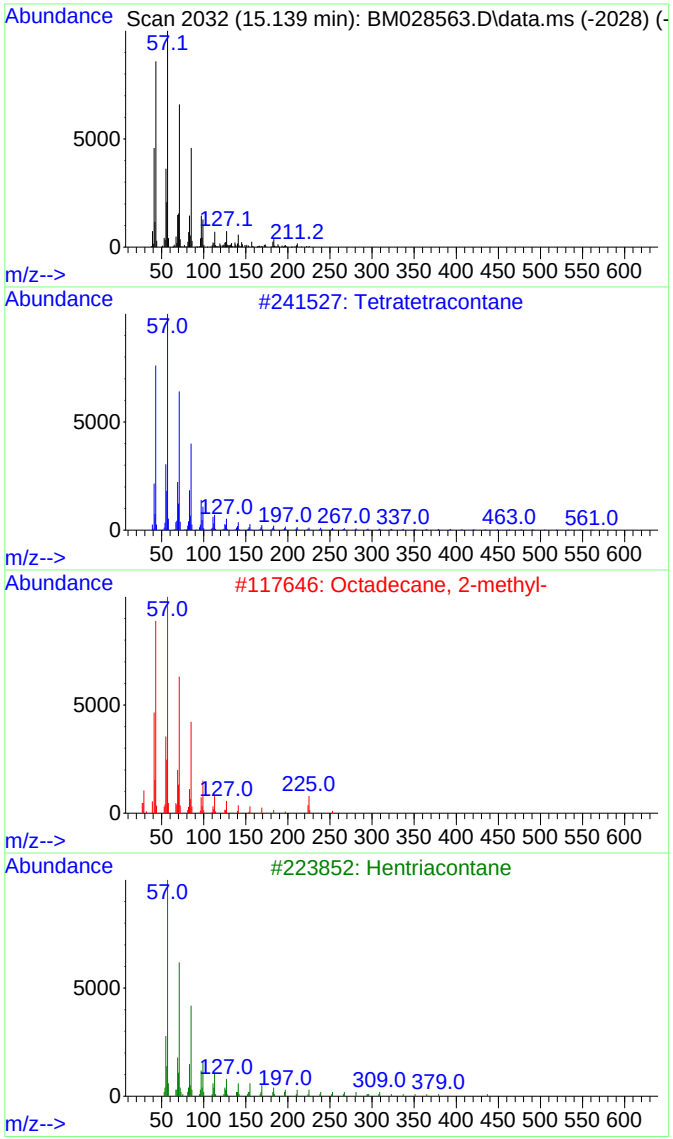
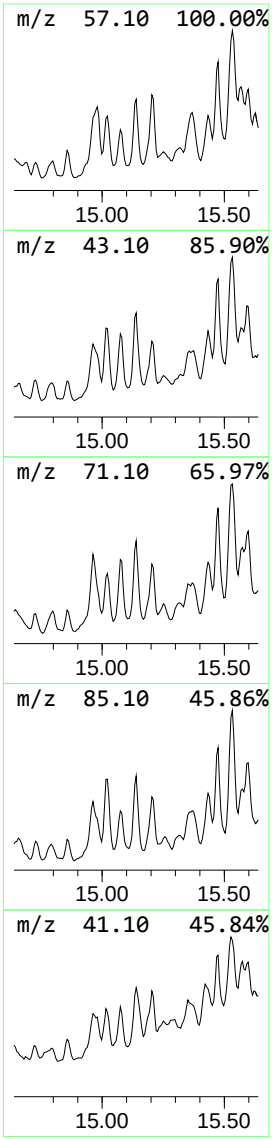
Peak Number 11 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.139	18.35 ng	564969	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3	Hentriacontane	437	C31H64	000630-04-6	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Heptacosane	380	C27H56	000593-49-7	83





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Sample : M1217-19 10X
Misc :
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Instrument : BNA_M
ClientSampleId : 1674-1685

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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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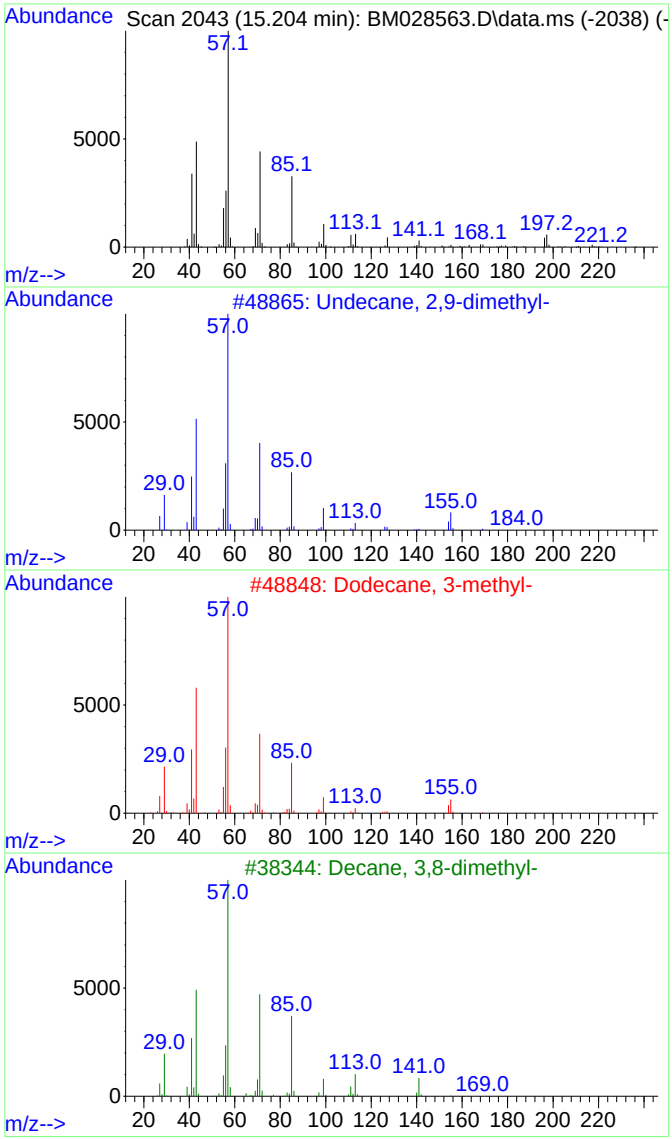
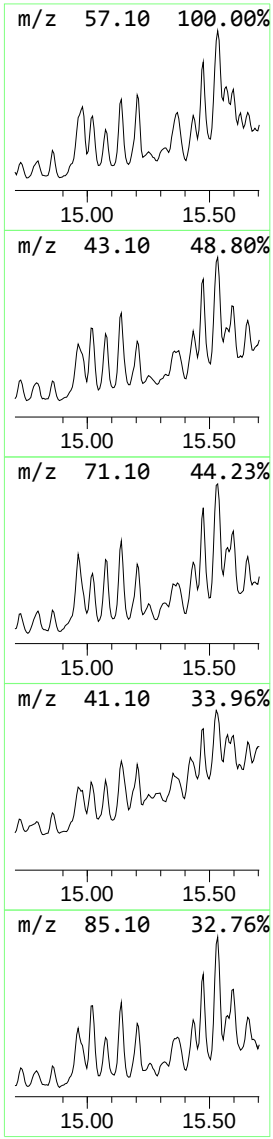
Peak Number 12 Undecane, 2,9-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	11.75 ng	361659	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72
5	Decane	142	C10H22	000124-18-5	72





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Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

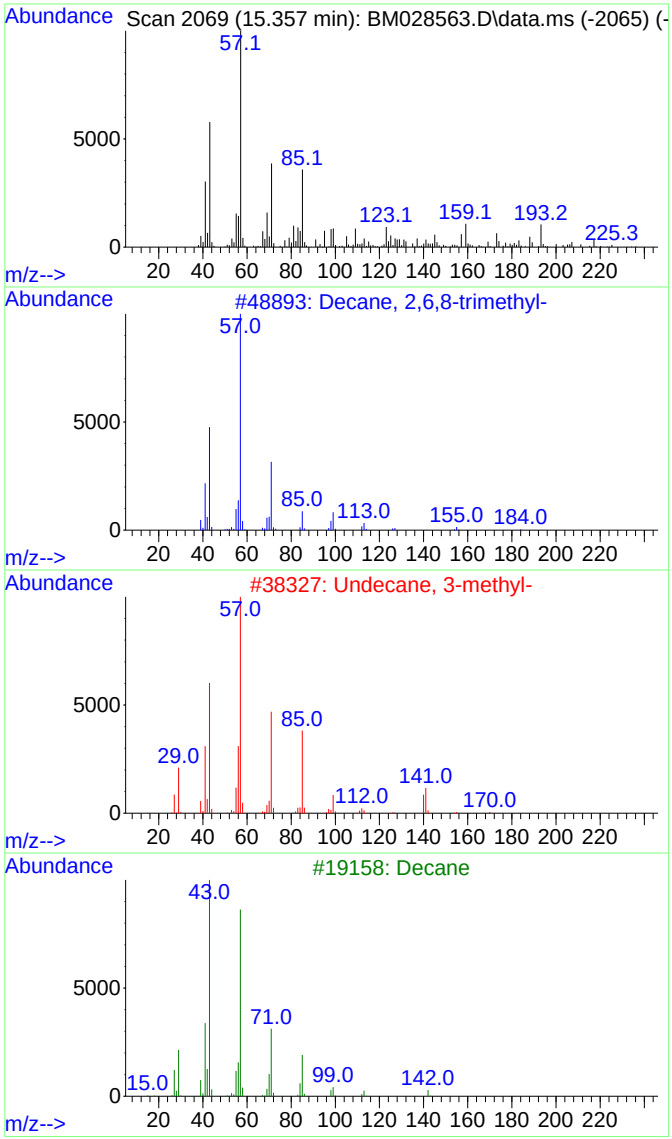
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

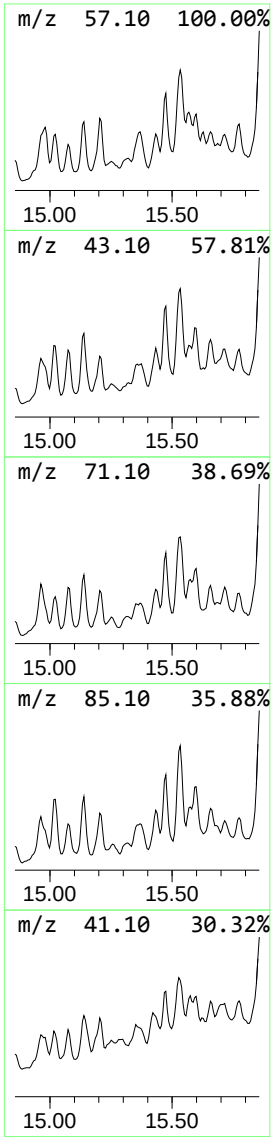
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Decane, 2,6,8-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	11.79 ng	362893	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	49
3	Decane	142	C10H22	000124-18-5	49
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	47
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47





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Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

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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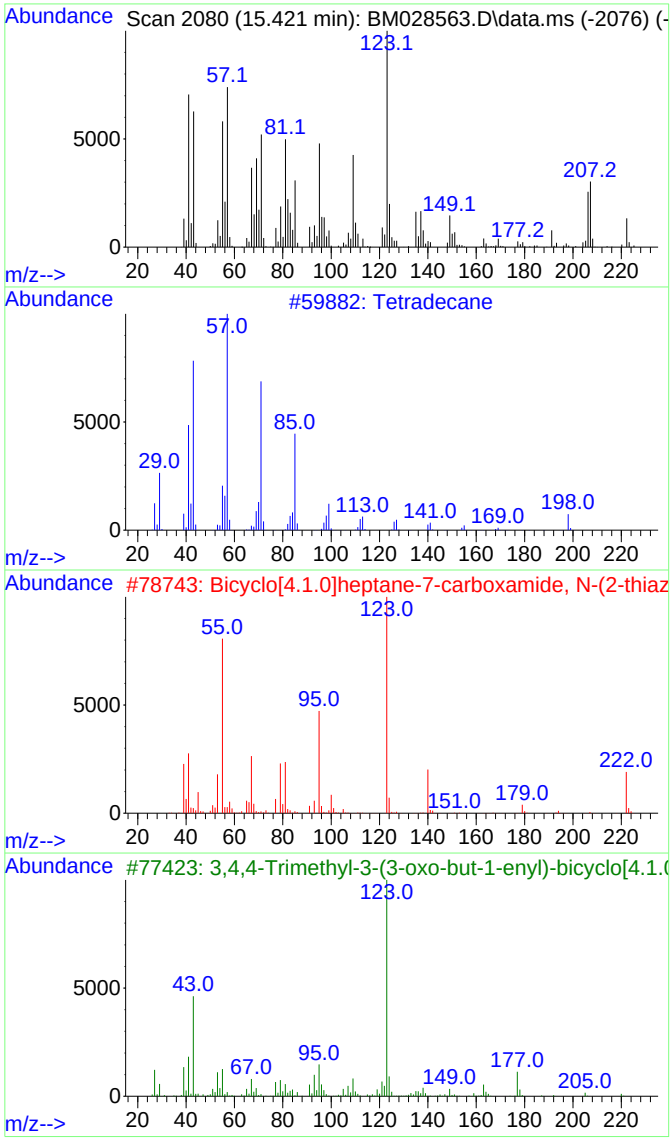
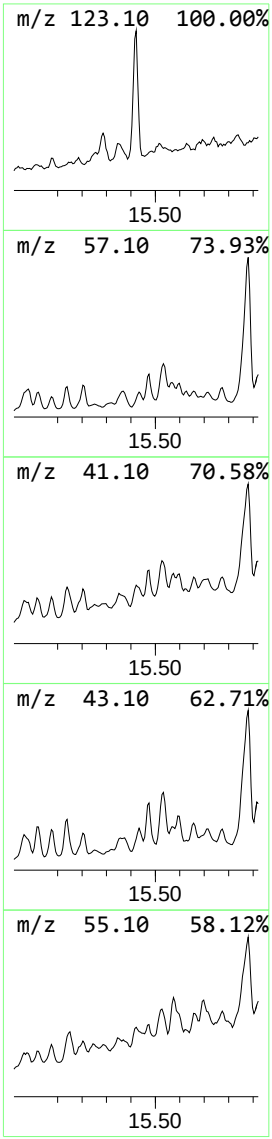
Peak Number 14 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	19.70 ng	606642	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	58
2	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	38
3	3,4,4-Trimethyl-3-(3-oxo-but-1-e...	220	C14H20O2	1000190-30-8	30
4	2-Fluorobenzoic acid, 4-tetradec...	336	C21H33FO2	1000280-61-4	25
5	Tridecane	184	C13H28	000629-50-5	25





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Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

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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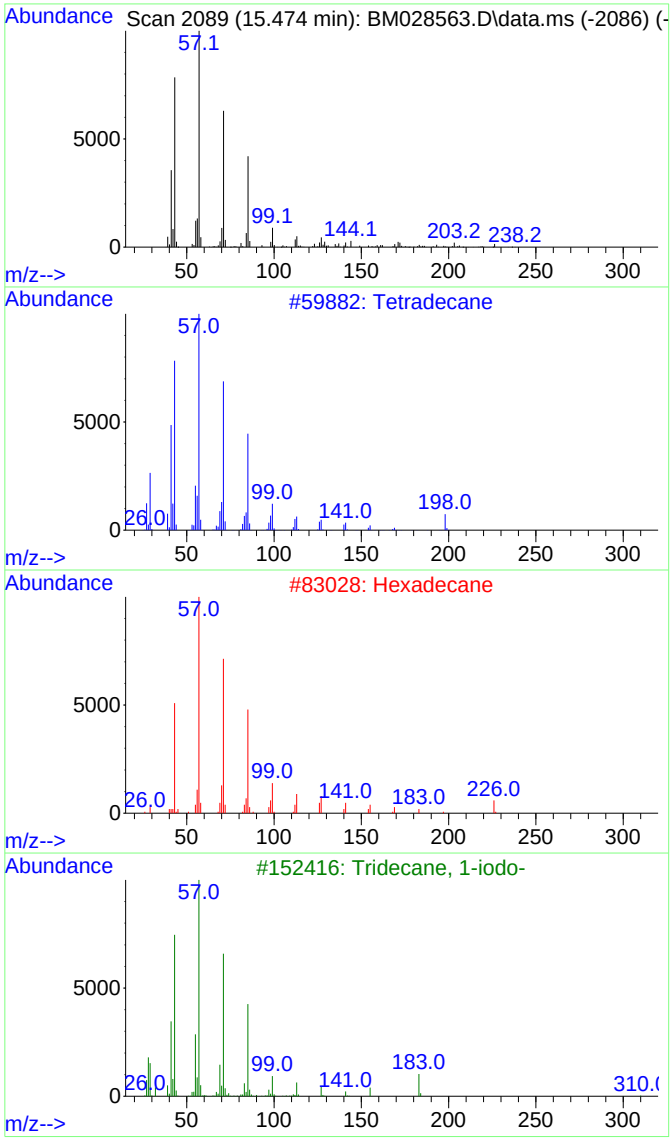
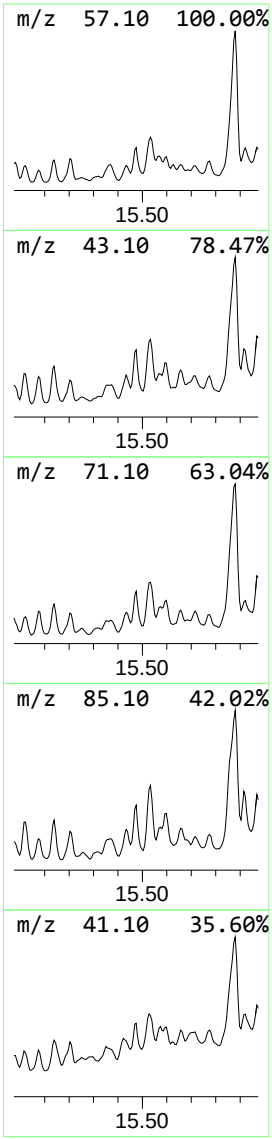
Peak Number 15 Tridecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.474	9.03 ng	278060	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	86
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72





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Sample : M1217-19 10X
Misc :
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Instrument :
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ClientSampleId :
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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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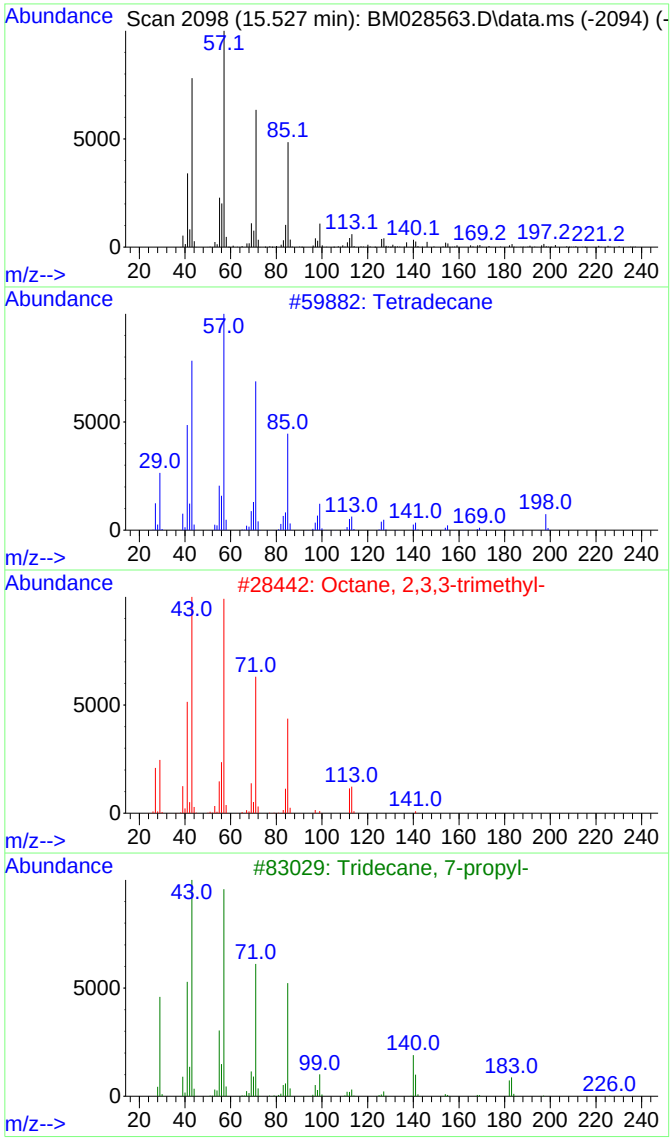
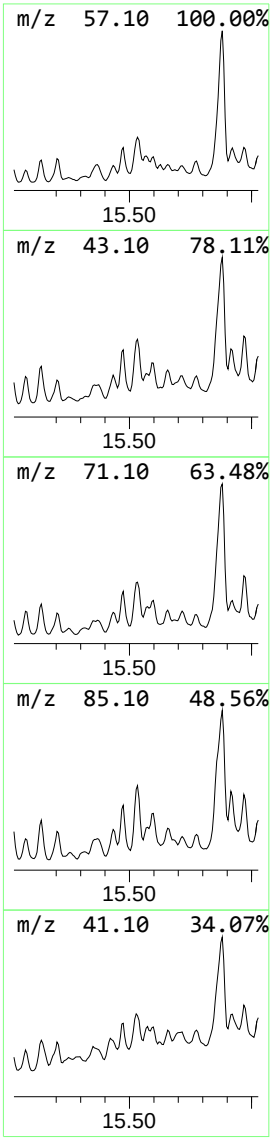
Peak Number 16 Octane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	23.65 ng	728275	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	80
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
4	Hexadecane	226	C16H34	000544-76-3	70
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64





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Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

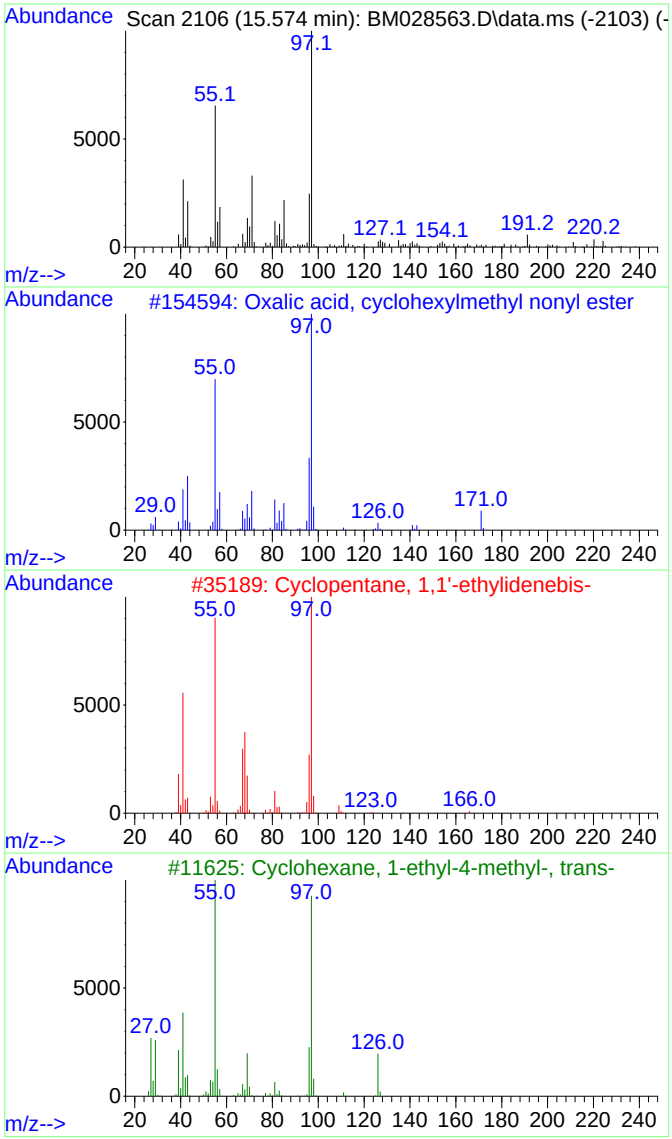
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

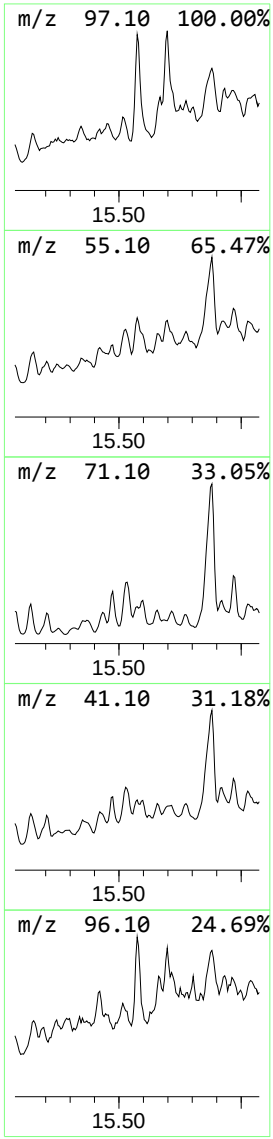
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Oxalic acid, cyclohexylmeth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.574	8.30 ng	255671	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	58
2	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	49
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	47
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	47
5	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	47





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Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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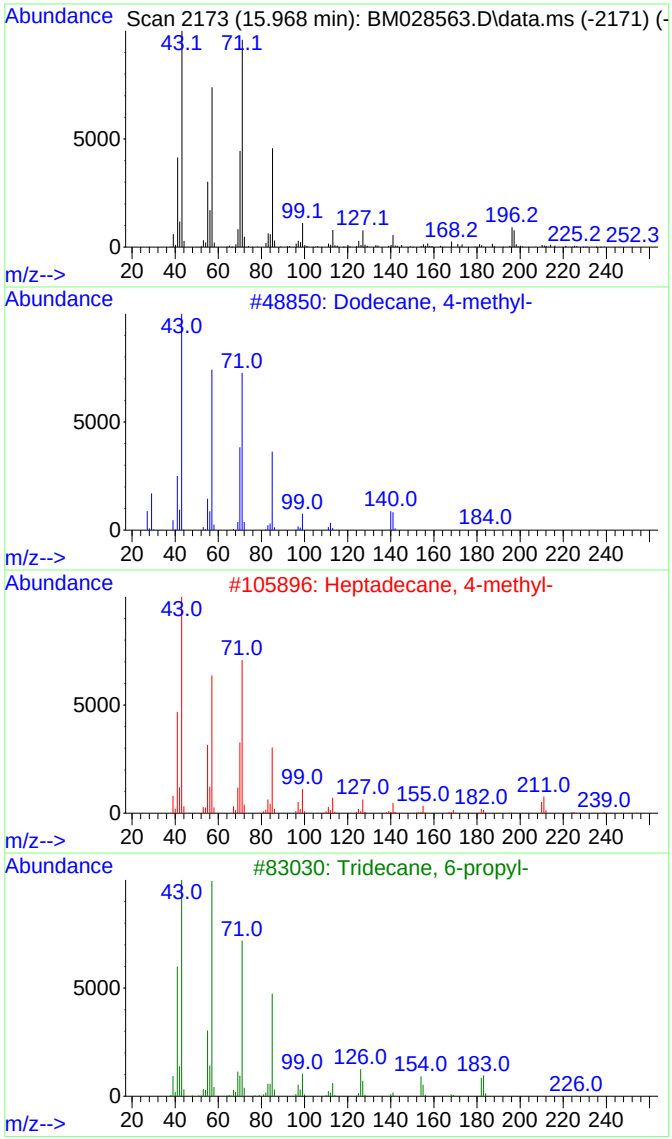
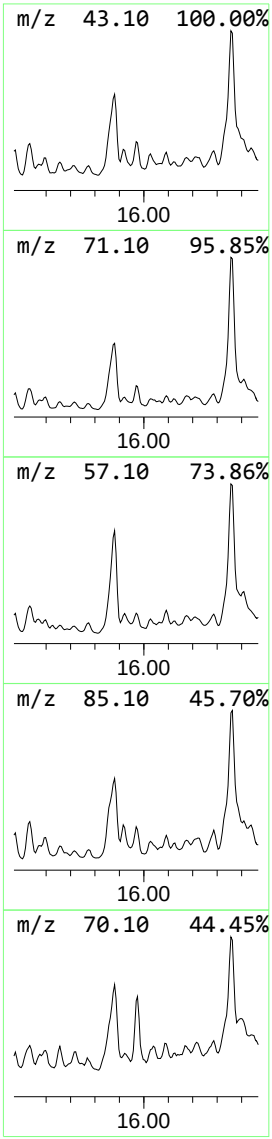
Peak Number 18 Heptadecane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	15.86 ng	488251	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	72
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	52
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	52
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	47





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Data File : BM028563.D
Acq On : 27 Jan 2021 04:37
Operator : CG/JU
Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

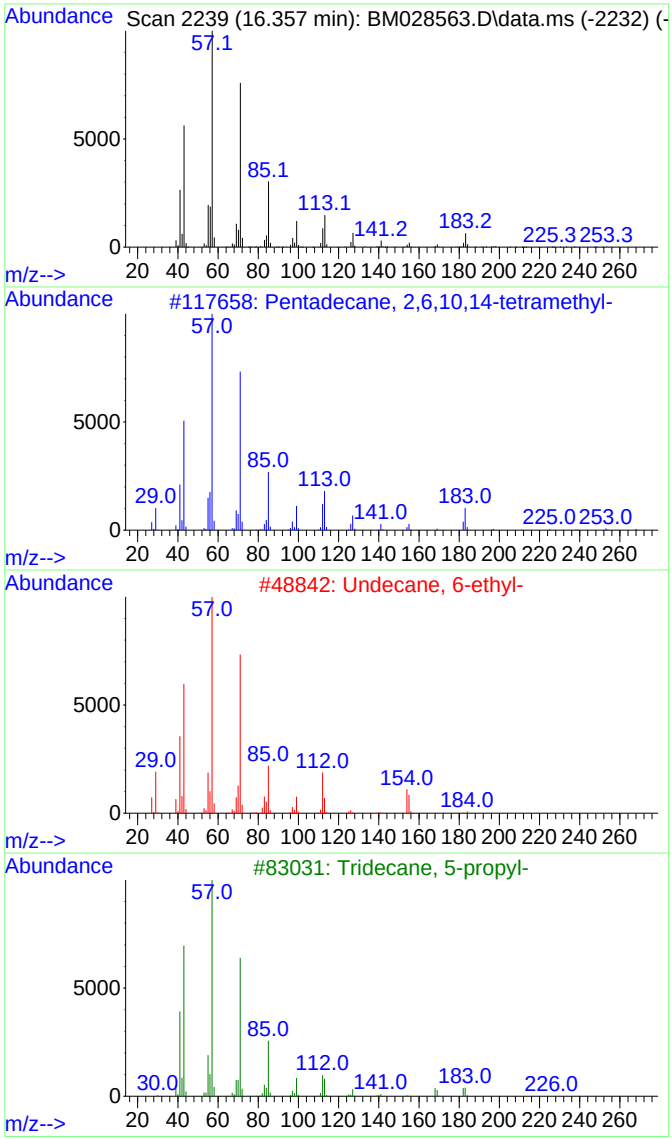
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

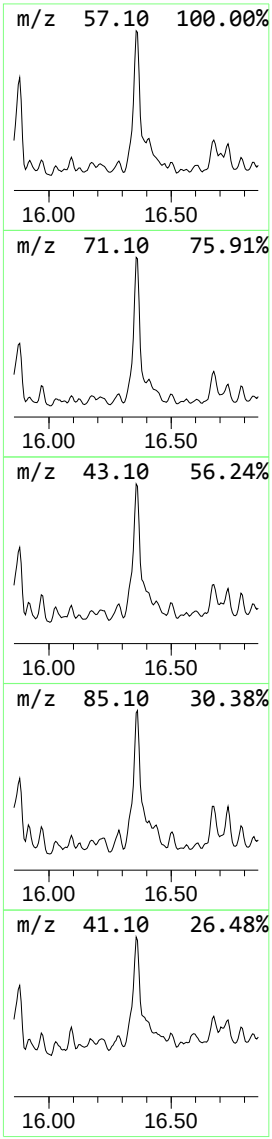
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.357	41.21 ng	5018230	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	96
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	90
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028563.D
Acq On : 27 Jan 2021 04:37
Operator : CG/JU
Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

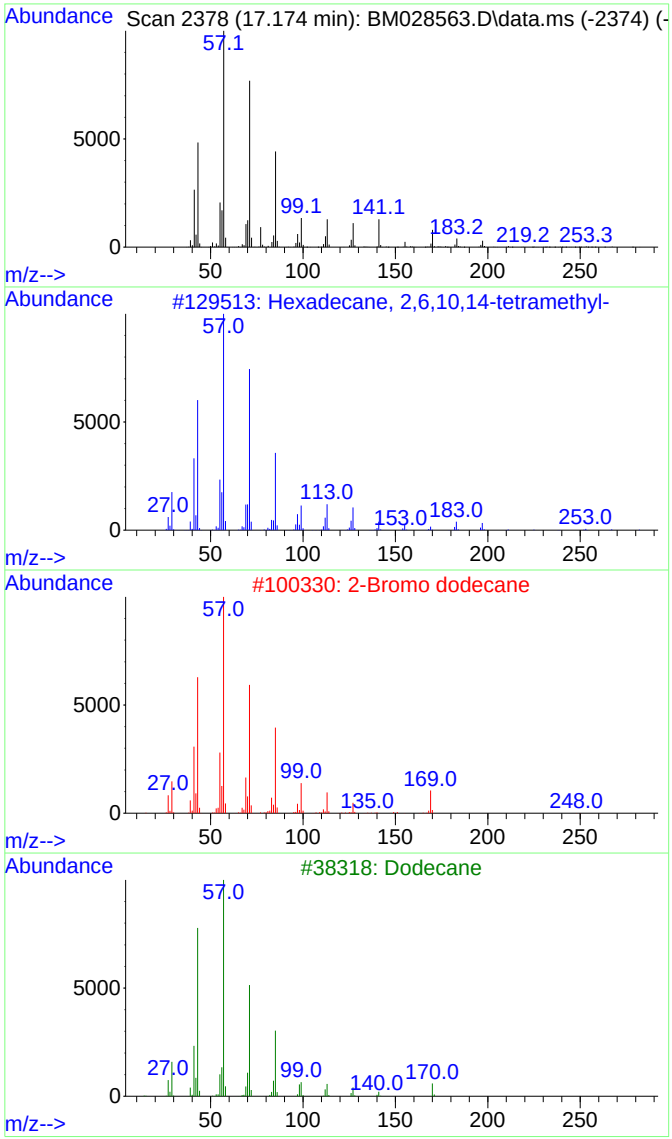
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

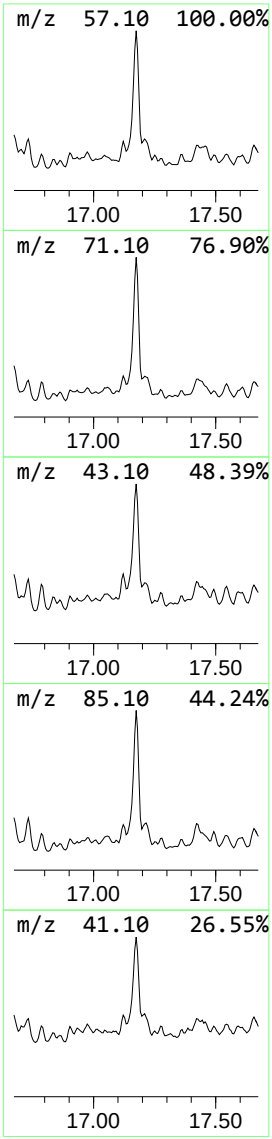
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.174	20.00 ng	2435460	Phenanthrene-d10	17.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Dodecane	170	C12H26	000112-40-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028563.D
Acq On : 27 Jan 2021 04:37
Operator : CG/JU
Sample : M1217-19 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1674-1685

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-et...	8.069	110.7	ng	1550680	1	7.992	280264	20.0
1-Hexanethiol, ...	8.945	6.5	ng	91613	1	7.992	280264	20.0
Hexadecane	14.104	7.4	ng	226481	3	14.639	615792	20.0
Silane, trichlo...	14.151	7.1	ng	218990	3	14.639	615792	20.0
Decahydro-4,4,8...	14.374	7.0	ng	216157	3	14.639	615792	20.0
unknown14.463	14.463	11.0	ng	338148	3	14.639	615792	20.0
Pentadecane	14.521	10.1	ng	311131	3	14.639	615792	20.0
Nonane, 2-methy...	14.963	15.8	ng	487484	3	14.639	615792	20.0
Tetradecane, 5-...	15.015	11.0	ng	338591	3	14.639	615792	20.0
Dodecane, 4-met...	15.074	10.1	ng	312318	3	14.639	615792	20.0
Tetratetracontane	15.139	18.4	ng	564969	3	14.639	615792	20.0
Undecane, 2,9-d...	15.204	11.8	ng	361659	3	14.639	615792	20.0
Decane, 2,6,8-t...	15.357	11.8	ng	362893	3	14.639	615792	20.0
Tetradecane	15.421	19.7	ng	606642	3	14.639	615792	20.0
Tridecane, 1-iodo-	15.474	9.0	ng	278060	3	14.639	615792	20.0
Octane, 2,3,3-t...	15.527	23.6	ng	728275	3	14.639	615792	20.0
Oxalic acid, cy...	15.574	8.3	ng	255671	3	14.639	615792	20.0
Heptadecane, 4-...	15.968	15.9	ng	488251	3	14.639	615792	20.0
Pentadecane, 2,...	16.357	41.2	ng	5018230	4	17.374	2435460	20.0
Hexadecane, 2,6...	17.174	20.0	ng	2435460	4	17.374	2435460	20.0