LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDW-BR2-AQ-BR-021621

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-BF021921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123248.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	11	rVB	1280182	1462668	22.37%	2.784%
2	3.928	306	313	318	rVB	2190884	2914630	44.57%	5.548%
3	4.510	406	412	419	rBV	64462	77832	1.19%	0.148%
4	5.469	571	575	588	rVB	2245950	2088219	31.93%	3.975%
5	5.787	626	629	631	rBV	161511	154544	2.36%	0.294%
6	6.481	742	747	752	rBV2	1384255	1772147	27.10%	3.373%
7	6.528	753	755	759	rVB	147502	124804	1.91%	0.238%
8	6.728	786	789	796	rVB2	65883	72911	1.12%	0.139%
9	6.857	807	811	814	rBV	868230	747334	11.43%	1.423%
10	6.928	817	823	826	rBV	87563	121181	1.85%	0.231%
11	7.010	833	837	843	rVB4	40851	72244	1.10%	0.138%
12	7.257	869	879	889	rBV	324842	594396	9.09%	1.131%
13	7.416	898	906	909	rBV	2349147	2496833	38.18%	4.753%
14	7.492	916	919	923	rBV	134574	113809	1.74%	0.217%
15	7.563	923	931	938	rVV	360559	647620	9.90%	1.233%
16	7.910	980	990	998	rBV	360252	673307	10.30%	1.282%
17	8.051	1010	1014	1025	rBV	944086	1195682	18.29%	2.276%
18	8.139	1025	1029	1032	rBV	1250098	989351	15.13%	1.883%
19	8.416	1073	1076	1081	rVB	69654	70460	1.08%	0.134%
20	8.516	1087	1093	1098	rBV	552207	784122	11.99%	1.493%
21	8.904	1153	1159	1163	rBV	66396	71012	1.09%	0.135%
22	9.216	1207	1212	1216	rBV	4225569	4212930	64.43%	8.019%
23	9.898	1324	1328	1331	rVB	1440668	1149440	17.58%	2.188%
24	10.557	1436	1440	1442	rBV	178810	160387	2.45%	0.305%
25	10.692	1458	1463	1466	rBV	2787882	2604013	39.82%	4.957%
26	11.304	1555	1567	1569	rBV	4236979	6539094	100.00%	12.447%
27	11.392	1577	1582	1585	rBV	1289966	1238782	18.94%	2.358%
28	11.933	1664	1674	1690	rBV	2933796	4129557	63.15%	7.861%
29	12.369	1745	1748	1751	rVB	272716	220099	3.37%	0.419%
30	12.427	1755	1758	1763	rBV	66816	67574	1.03%	0.129%
31	12.633	1787	1793	1797	rBV3	162246	333633	5.10%	0.635%
32	12.721	1802	1808	1819	rVV	4382056	5724163	87.54%	10.896%
33	12.874	1831	1834	1847	rVB	378104	568715	8.70%	1.083%
34	12.986	1847	1853	1856	rBV	5770516	5496054	84.05%	10.462%
35	13.539	1945	1947	1957	rVB	204213	169972	2.60%	0.324%
36	13.933	2008	2014	2024	rBV3	80990	253722	3.88%	0.483%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
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Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

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-BF021921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.039	2028	2032	2035	rVB	1353376	1253998	19.18%	2.387%
38	15.510	2277	2282	2286	rBV2	684053	838652	12.83%	1.596%
39	15.986	2358	2363	2368	rVB2	50362	79284	1.21%	0.151%
40	17.539	2620	2627	2635	rBV3	114722	249017	3.81%	0.474%

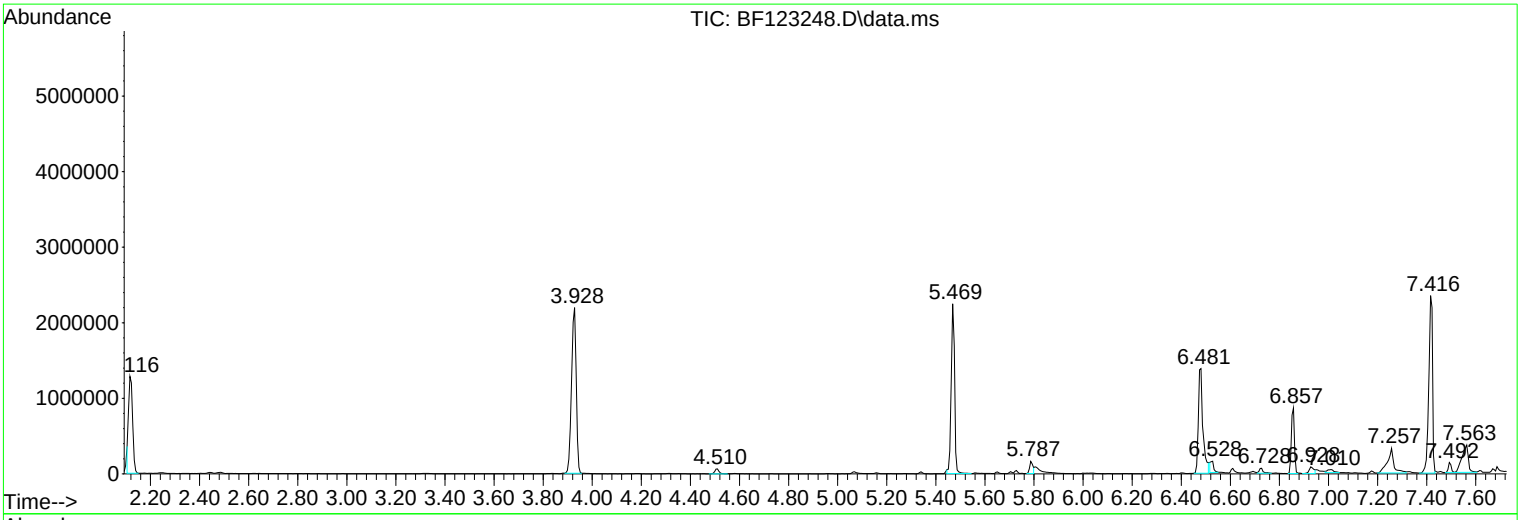
Sum of corrected areas: 52534192

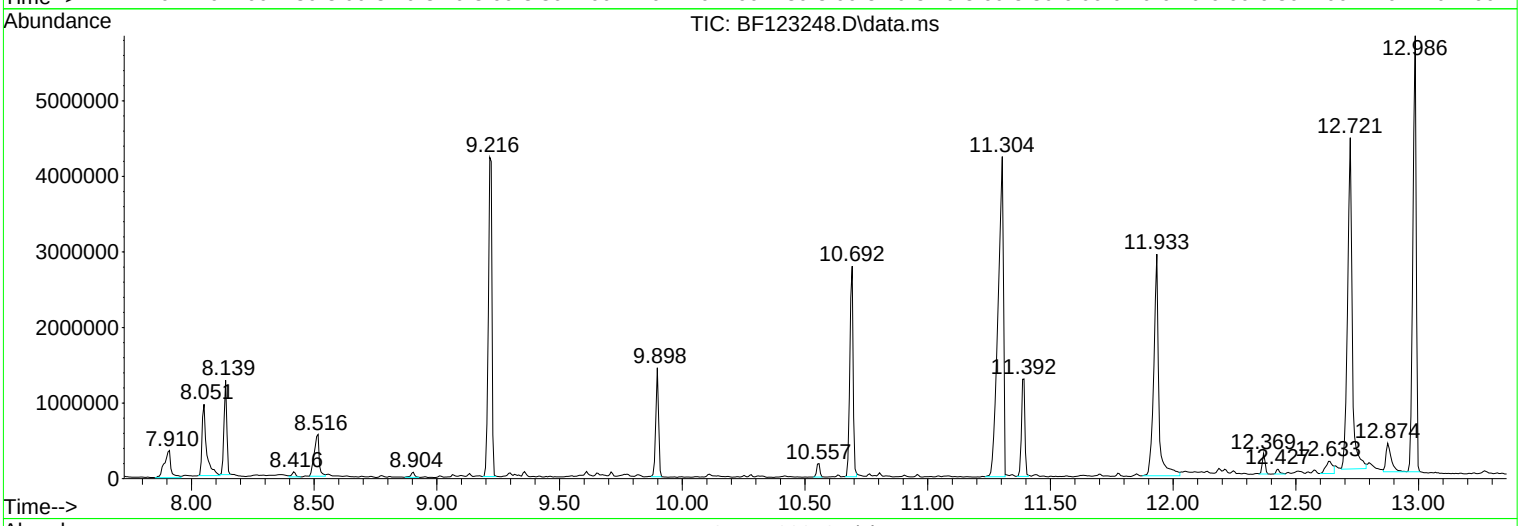
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

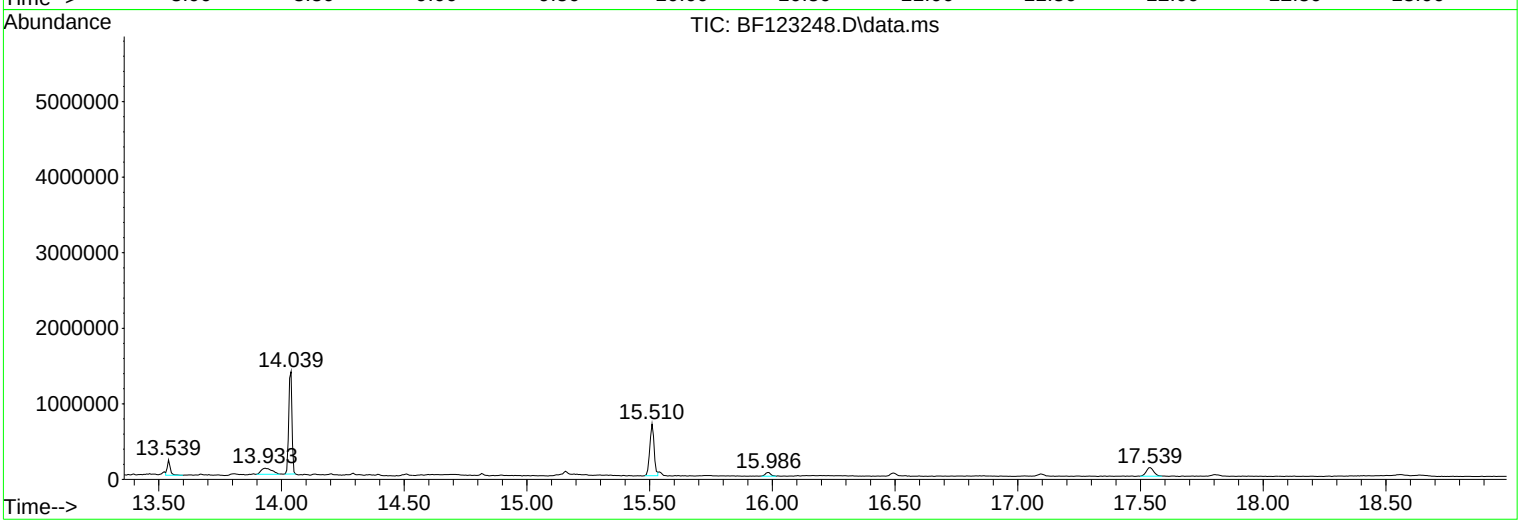
Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

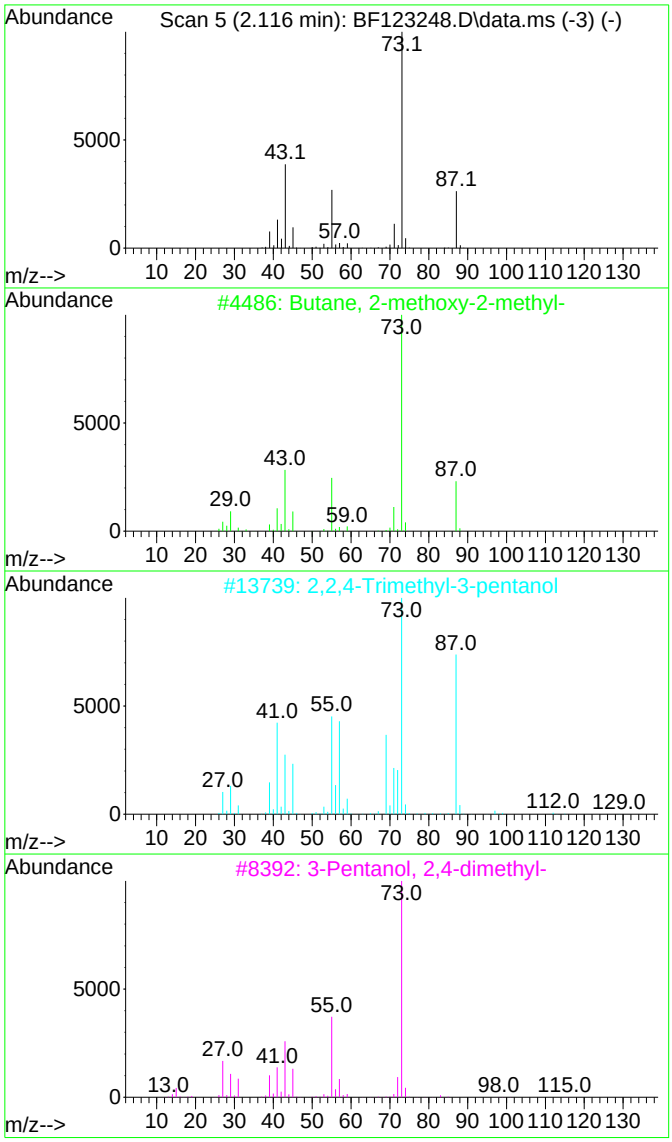
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

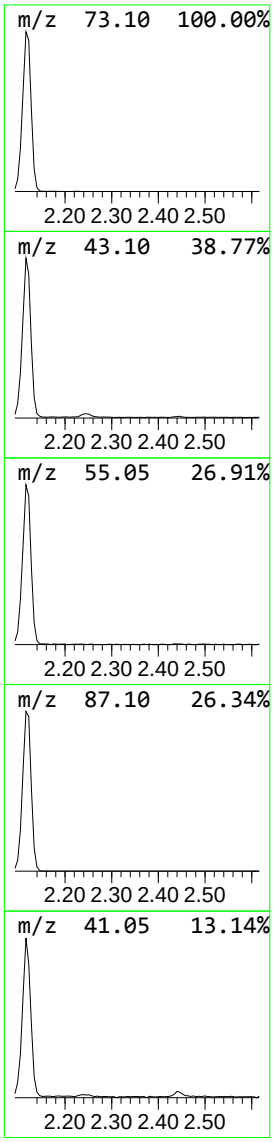
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	39.14 ng	1462670	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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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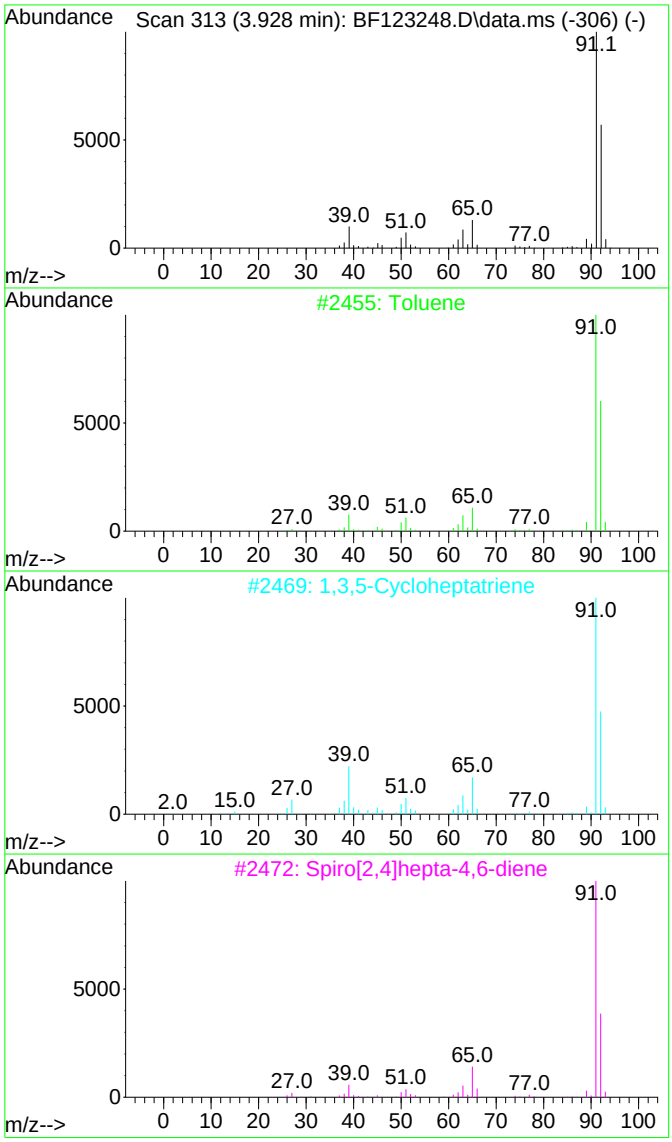
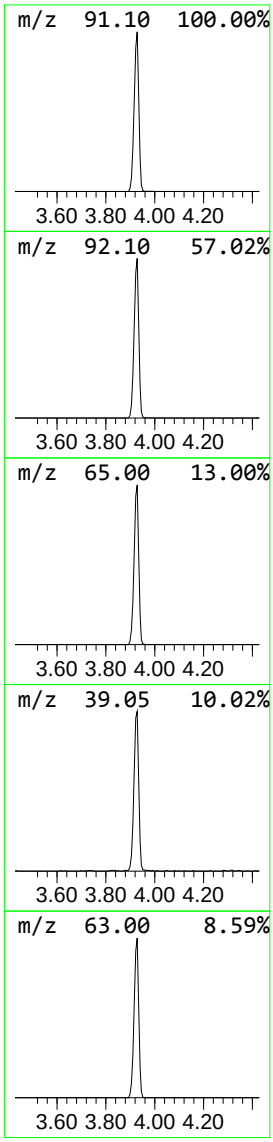
Peak Number 2 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.928	78.00 ng	2914630	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87
4	2,5-Norbornadiene	92	C7H8	000121-46-0	80
5	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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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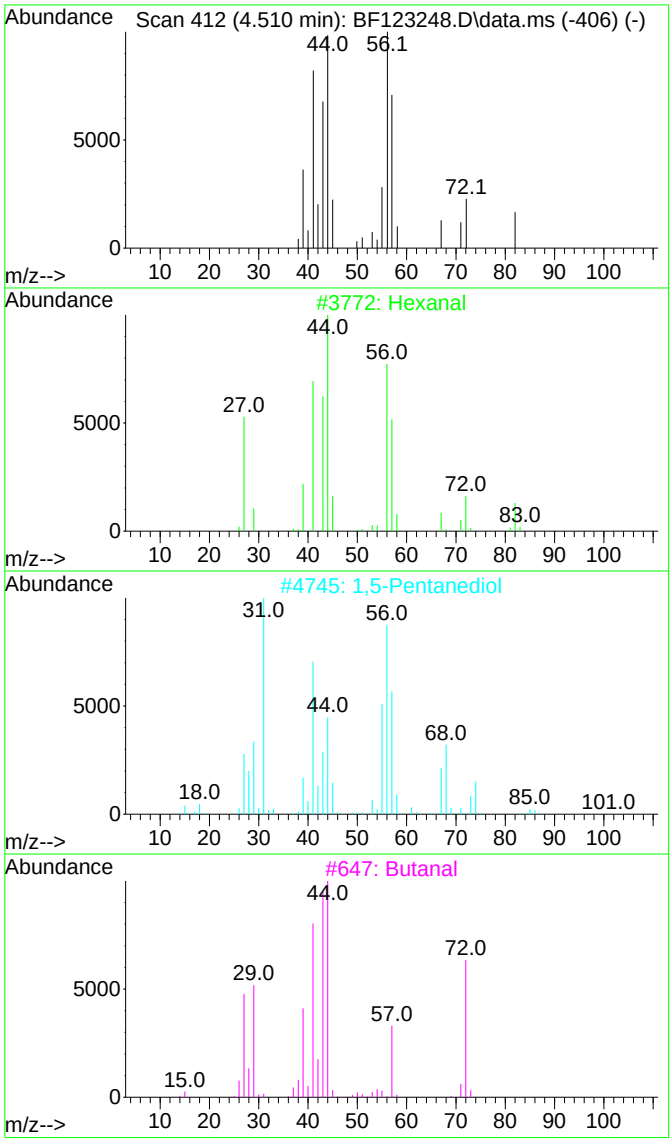
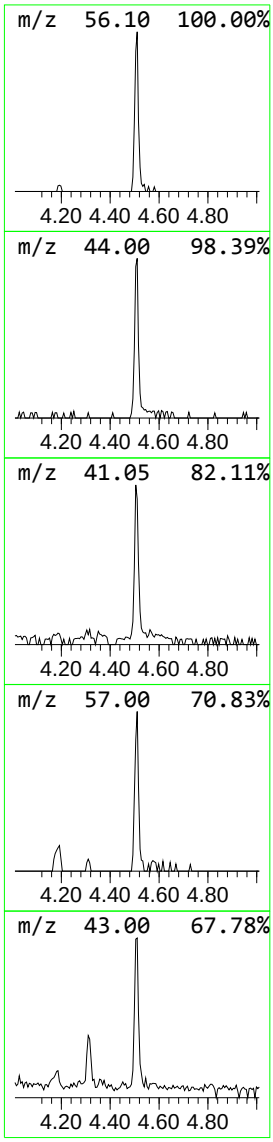
Peak Number 3 Hexanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.510	2.08 ng	77832	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	86
2	1,5-Pentanediol	104	C5H12O2	000111-29-5	33
3	Butanal	72	C4H8O	000123-72-8	30
4	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	23
5	Glutaraldehyde	100	C5H8O2	000111-30-8	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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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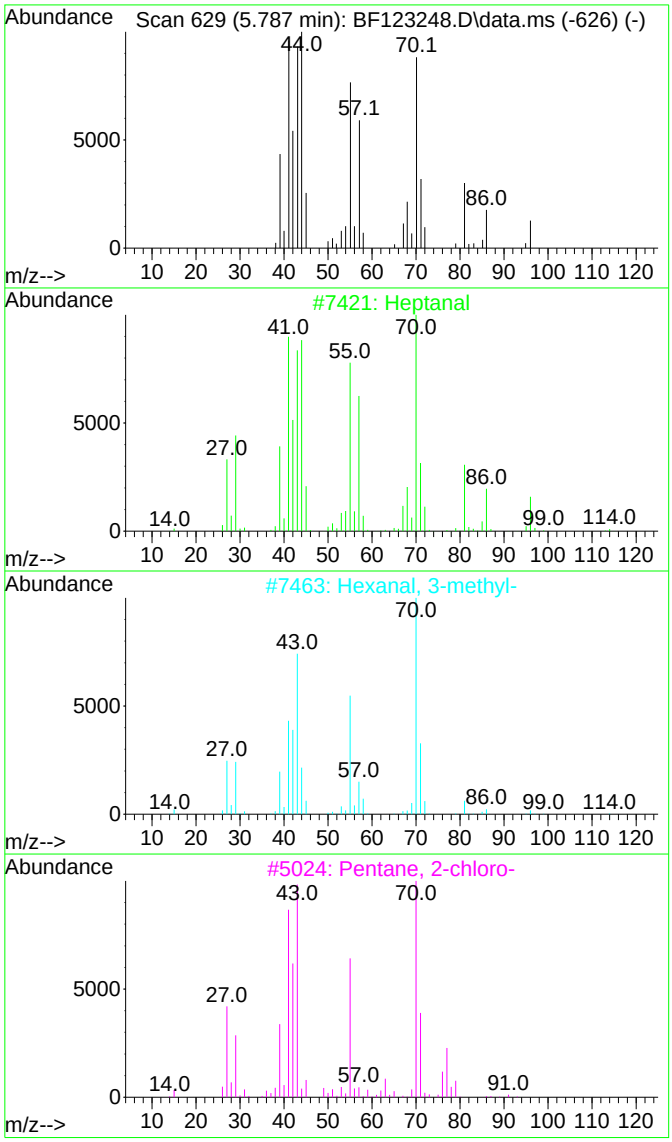
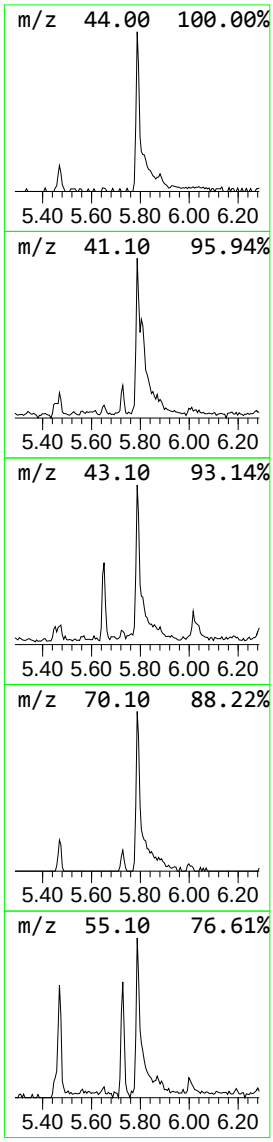
Peak Number 4 Heptanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.787	4.14 ng	154544	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	91
2	Hexanal, 3-methyl-	114	C7H14O	019269-28-4	47
3	Pentane, 2-chloro-	106	C5H11Cl	000625-29-6	38
4	Ethoxyacetylene	70	C4H6O	000927-80-0	35
5	Vinyl ether	70	C4H6O	000109-93-3	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

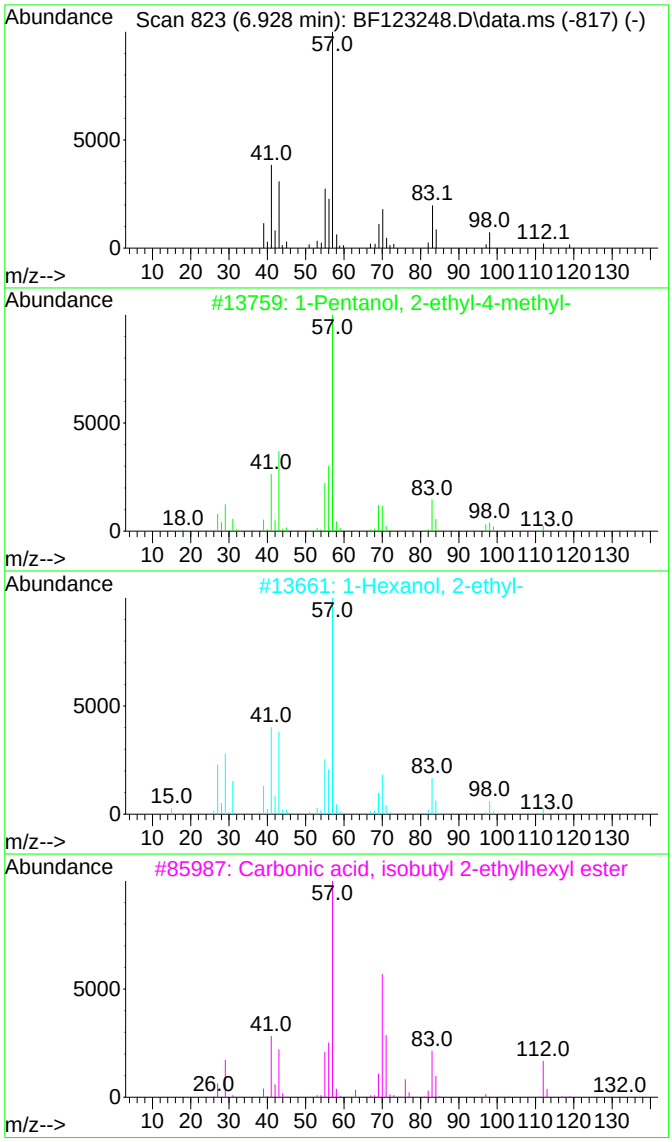
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

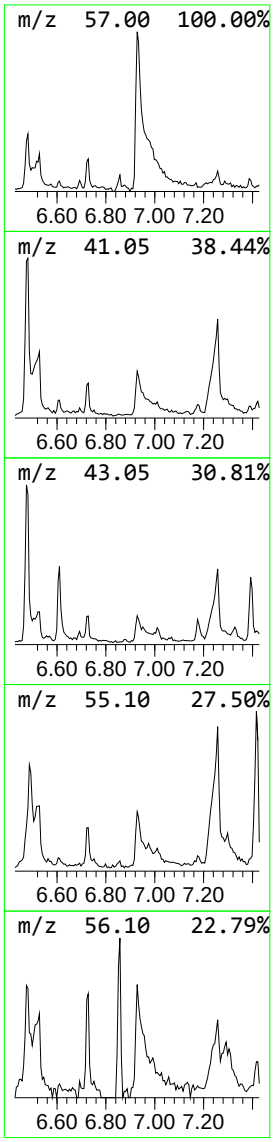
****

Peak Number 5 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.928	3.24 ng	121181	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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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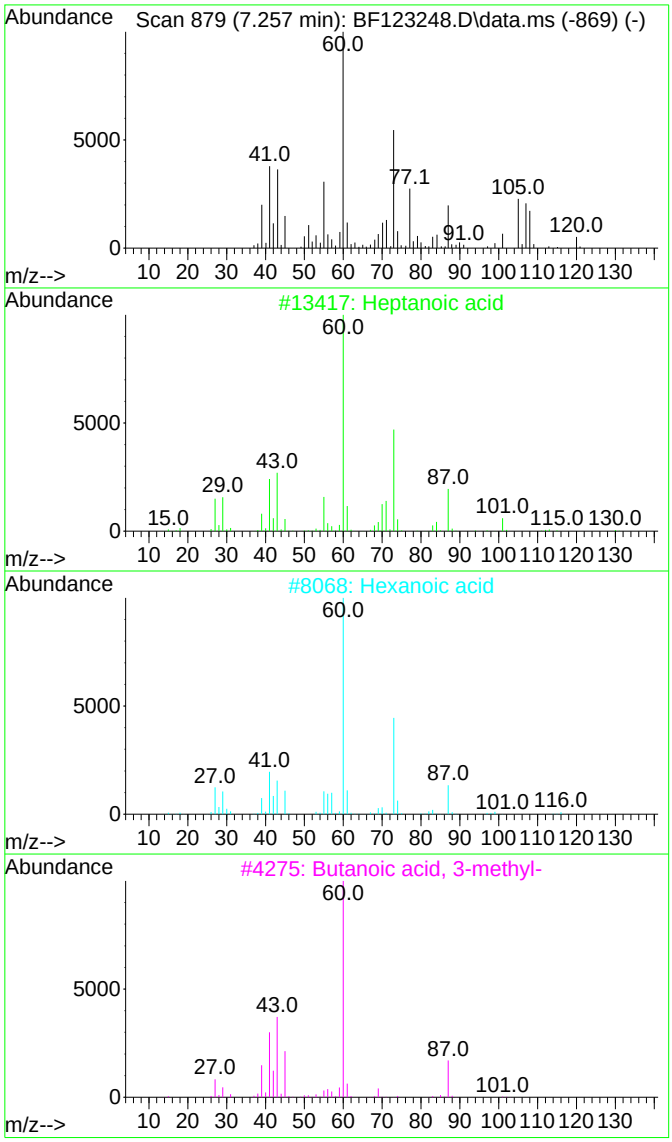
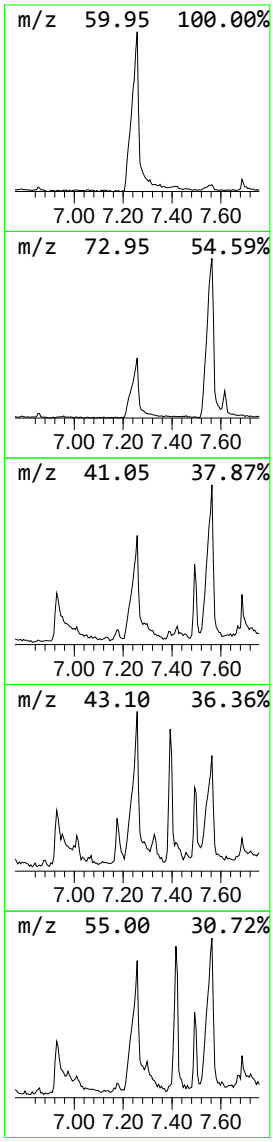
Peak Number 6 unknown7.257 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	15.91 ng	594396	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	49
2	Hexanoic acid	116	C6H12O2	000142-62-1	47
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	37
5	Pentanoic acid	102	C5H10O2	000109-52-4	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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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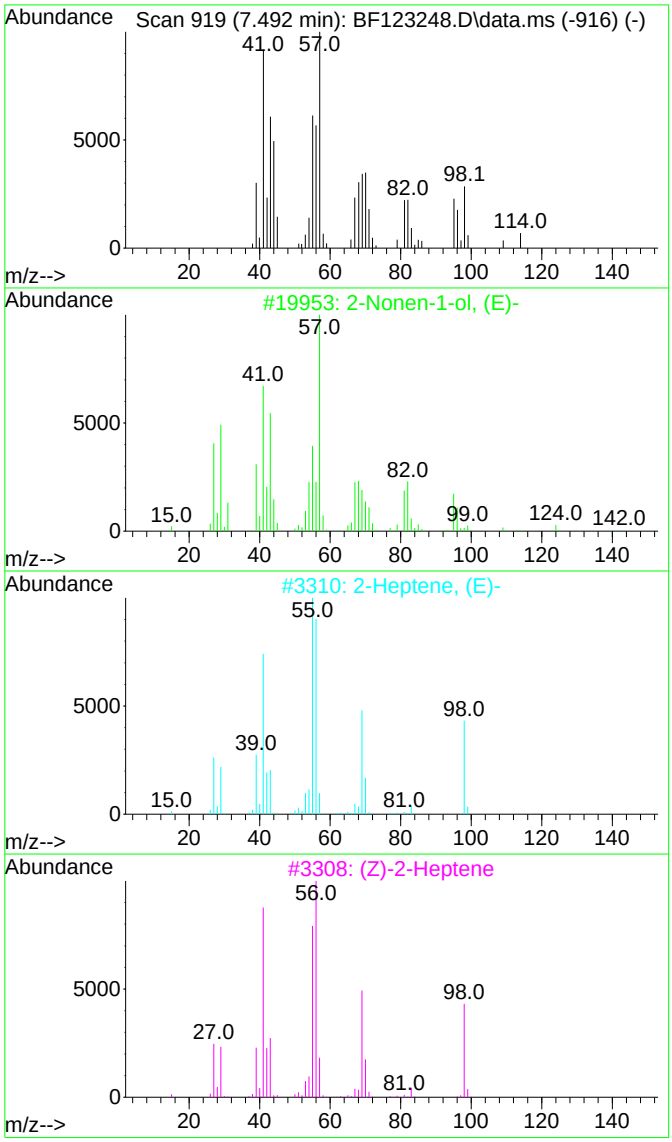
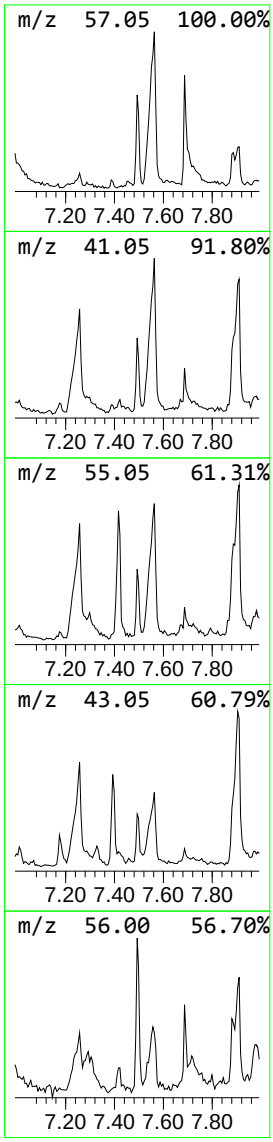
Peak Number 7 unknown7.492 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.492	3.05 ng	113809	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	43
2	2-Heptene, (E)-	98	C7H14	014686-13-6	25
3	(Z)-2-Heptene	98	C7H14	006443-92-1	22
4	Isopropylcyclobutane	98	C7H14	000872-56-0	22
5	8-Dodecenol	184	C12H24O	042513-42-8	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

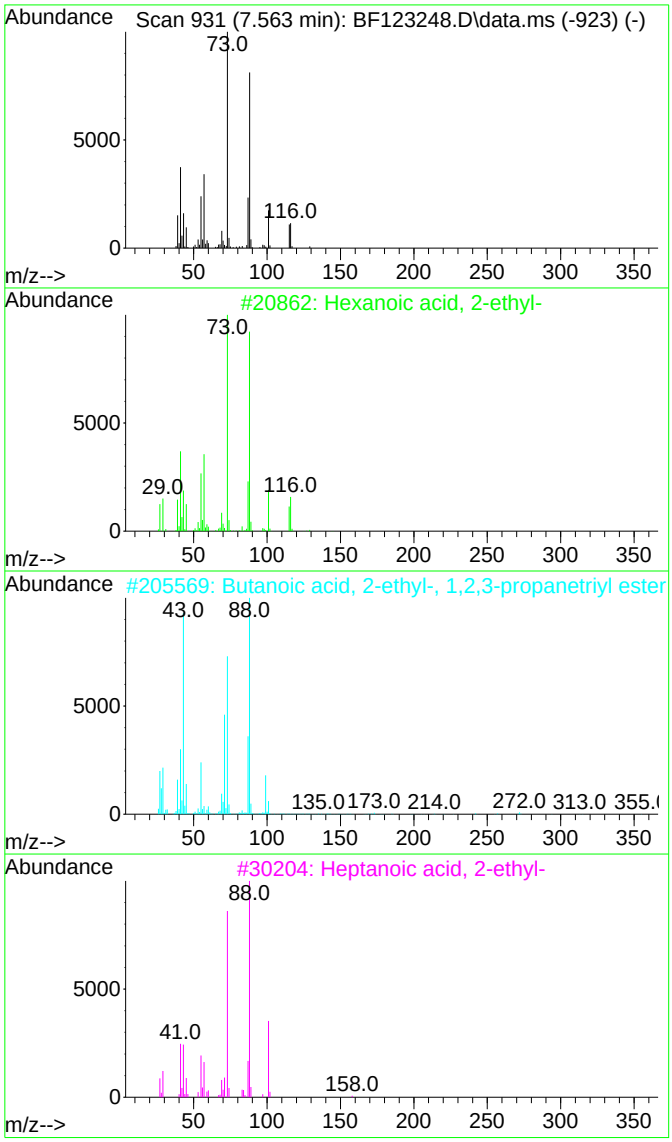
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

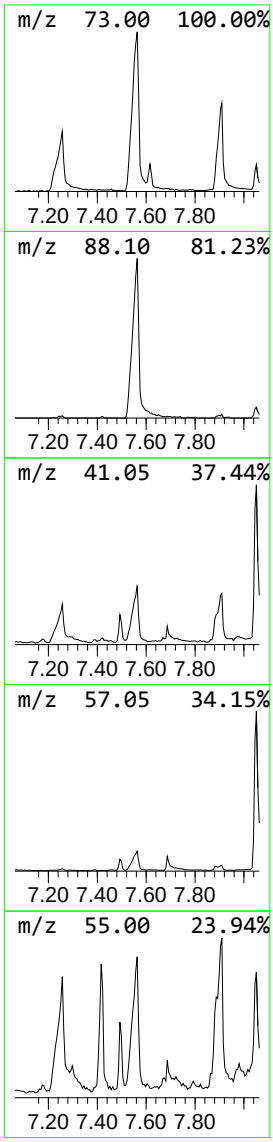
****

Peak Number 8 Hexanoic acid, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.563	13.09 ng	647620	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
4	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	47
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	42





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Operator : JU/CG
Sample : M1431-01
Misc :
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IDW-BR2-AQ-BR-021621

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

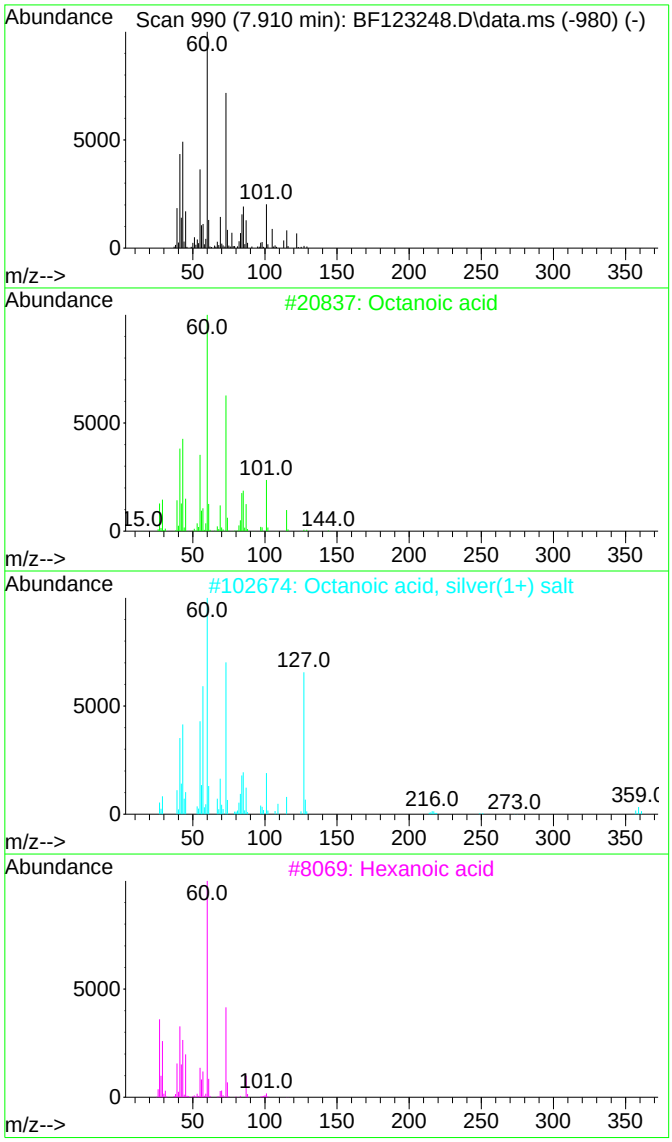
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

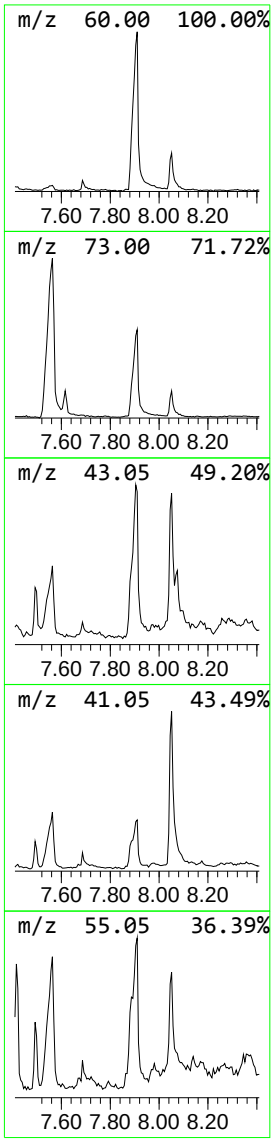
****

Peak Number 9 Octanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.910	13.61 ng	673307	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	91
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	50
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	47
5	Pentanoic acid	102	C5H10O2	000109-52-4	47





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Sample : M1431-01
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ClientSampleId :
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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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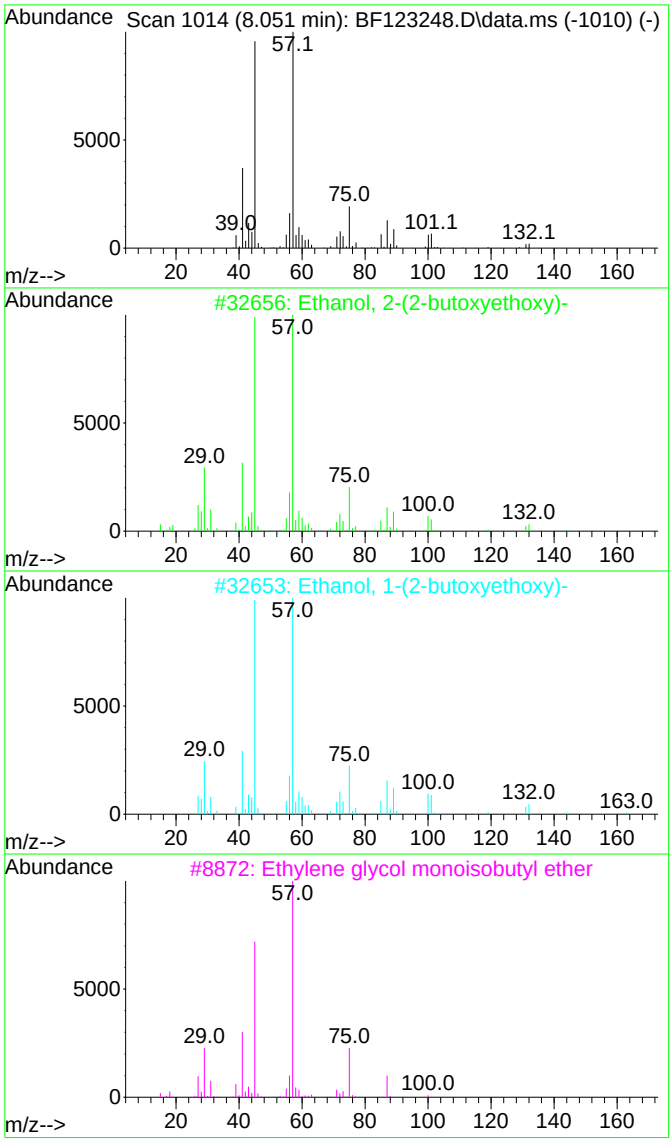
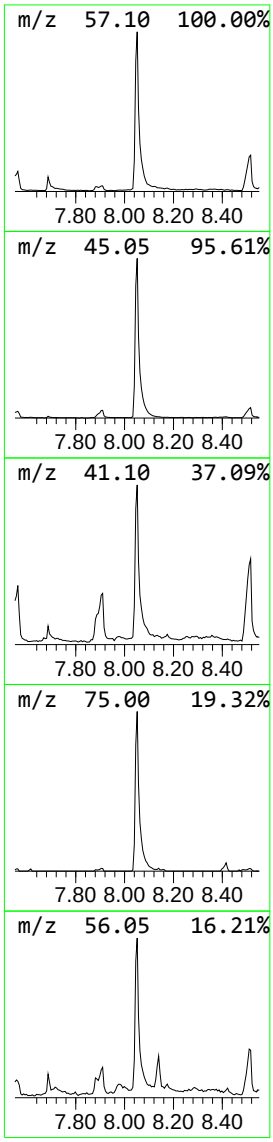
Peak Number 10 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	24.17 ng	1195680	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Di-sec-butyl ether	130	C8H18O	006863-58-7	50
5	Propanoic acid, 2-hydroxy-, buty...	146	C7H14O3	000138-22-7	47





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

TIC Library : C:\DATABASE\NIST11.L
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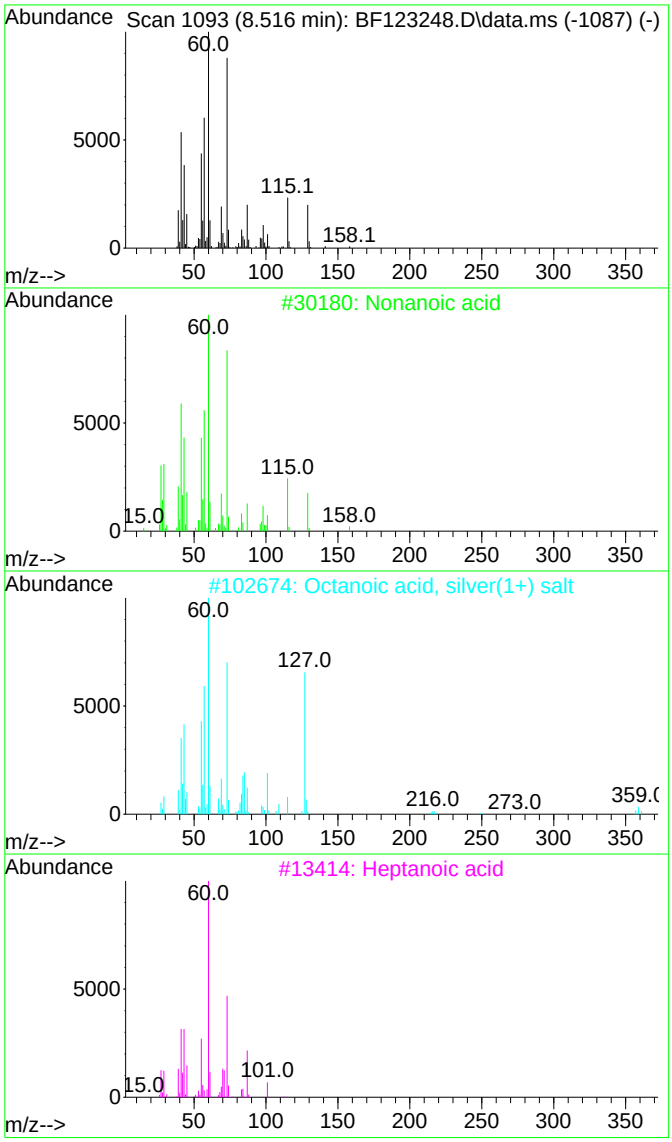
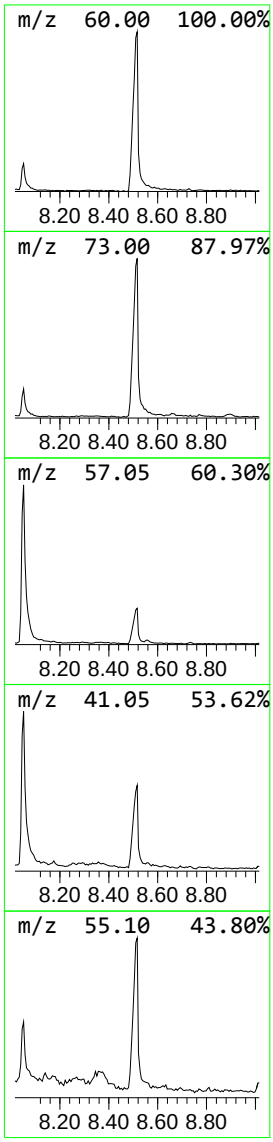
Peak Number 11 Nonanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	15.85 ng	784122	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	86
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50
3	Heptanoic acid	130	C7H14O2	000111-14-8	50
4	Hexanoic acid	116	C6H12O2	000142-62-1	47
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	47





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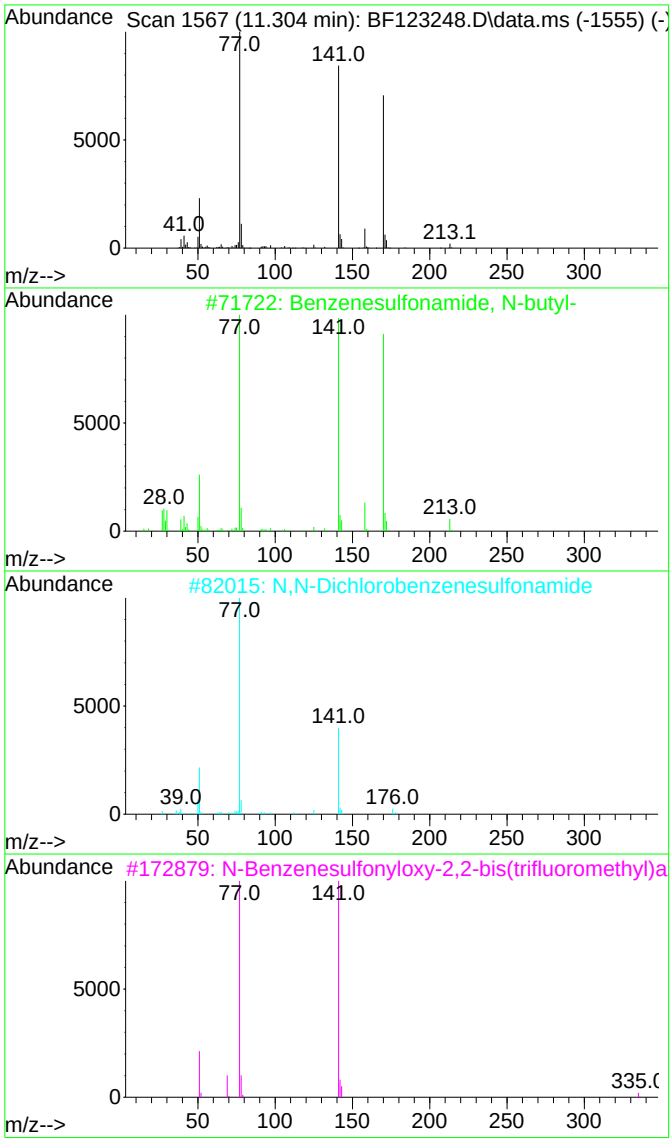
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

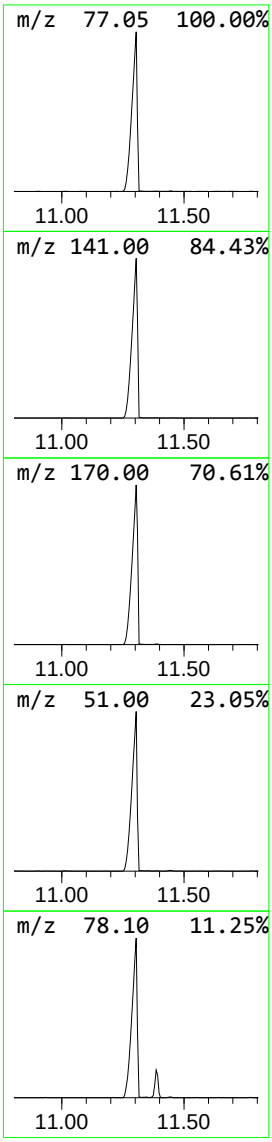
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzenesulfonamide, N-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	105.57 ng	6539090	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	94
2	N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	59
3	N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	59
4	(Phenylsulfonyl)acetonitrile	181	C8H7NO2S	007605-28-9	53
5	1-[Phenylsulfonyl]-1-nitropropane	229	C9H11NO4S	021272-84-4	50





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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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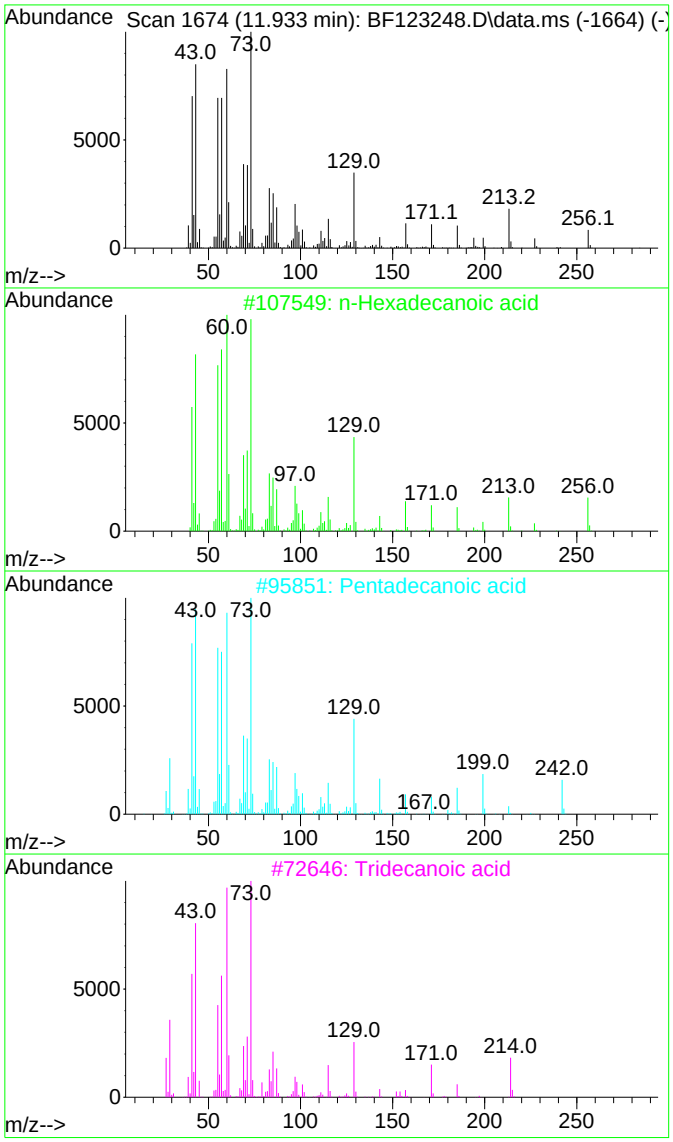
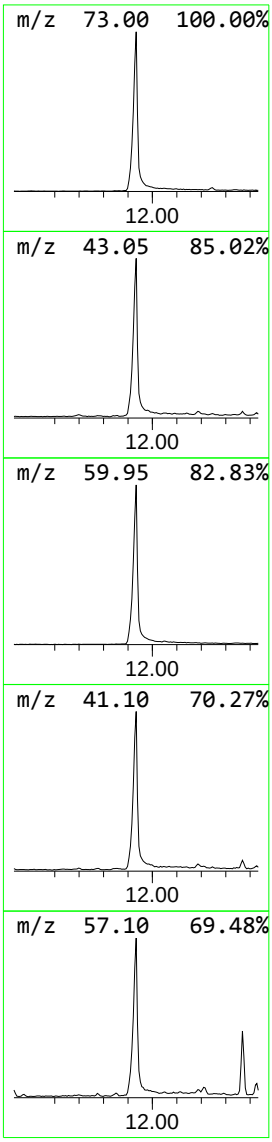
Peak Number 13 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	66.67 ng	4129560	Phenanthrene-d10	11.392

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	30





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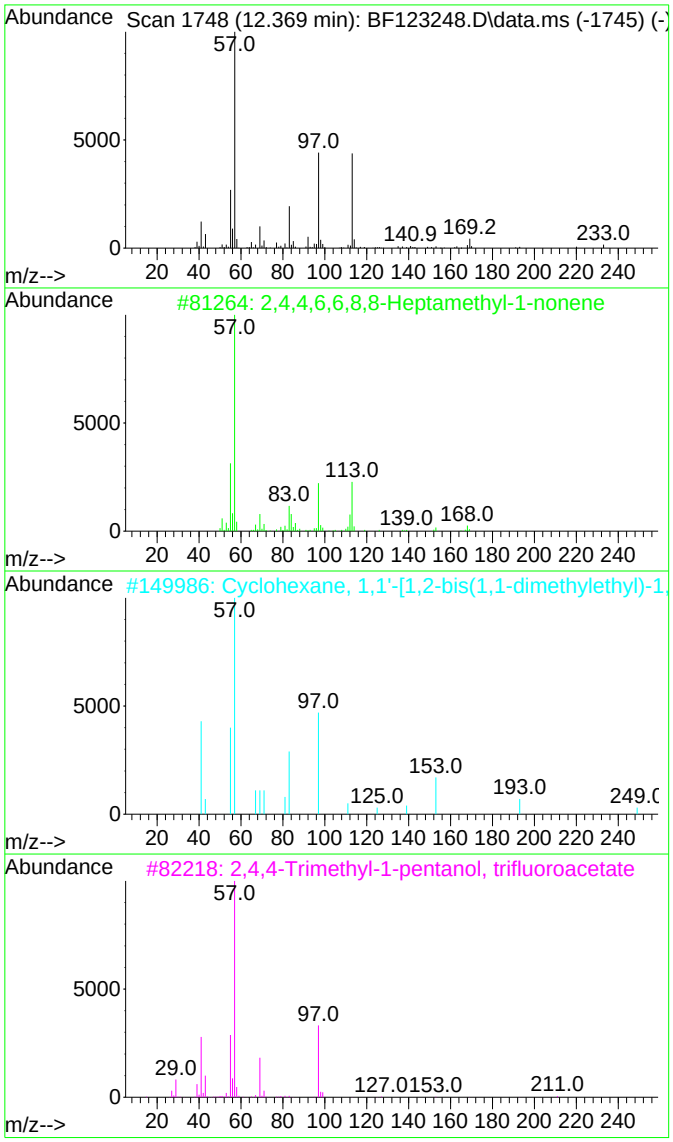
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

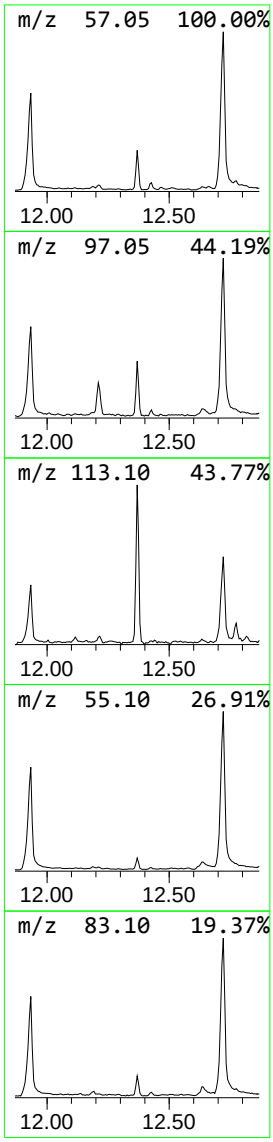
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	3.55 ng	220099	Phenanthrene-d10	11.392

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	50
2	Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	28
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	27
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	25
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	17





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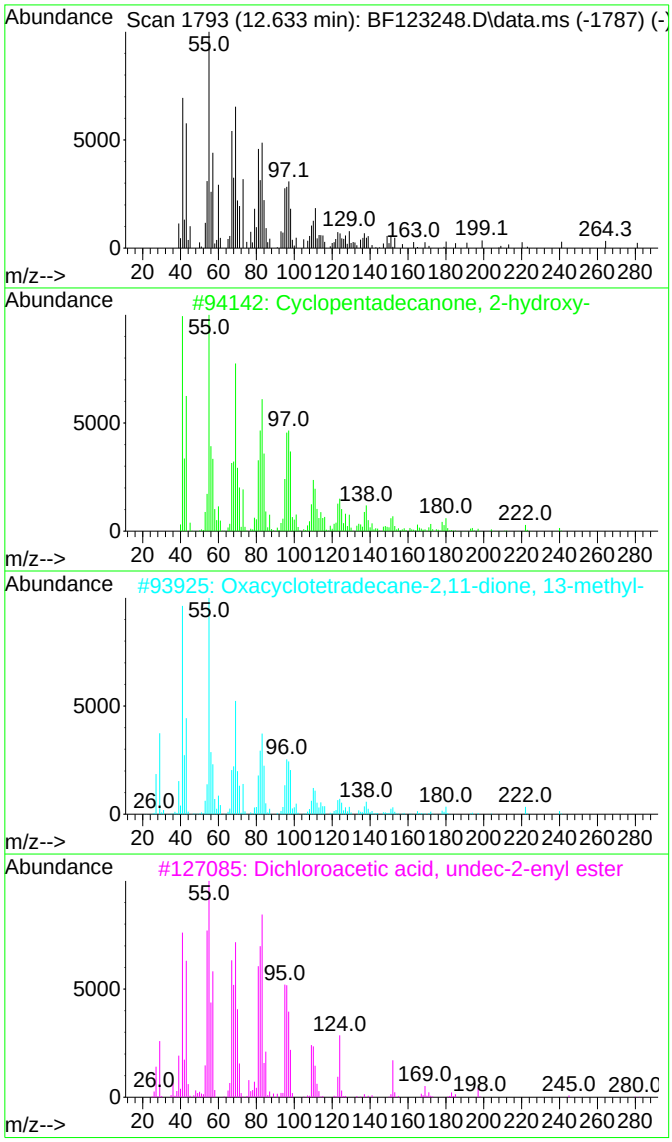
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

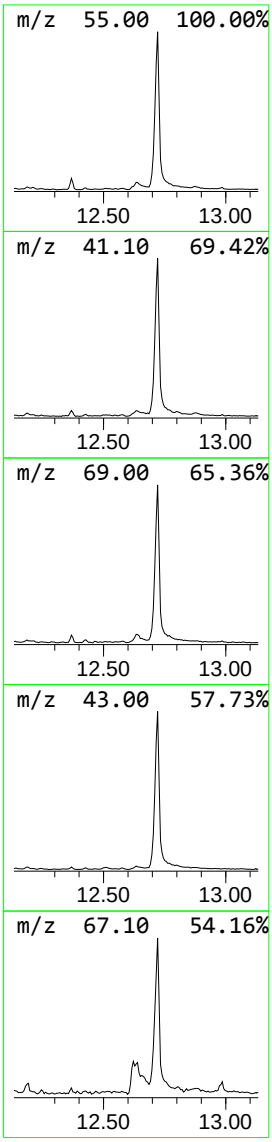
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopentadecanone, 2-hydroxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	5.39 ng	333633	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	53
2	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	52
3	Dichloroacetic acid, undec-2-eny...	280	C13H22Cl2O2	1000299-43-6	49
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	49
5	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	46





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TIC Library : C:\DATABASE\NIST11.L
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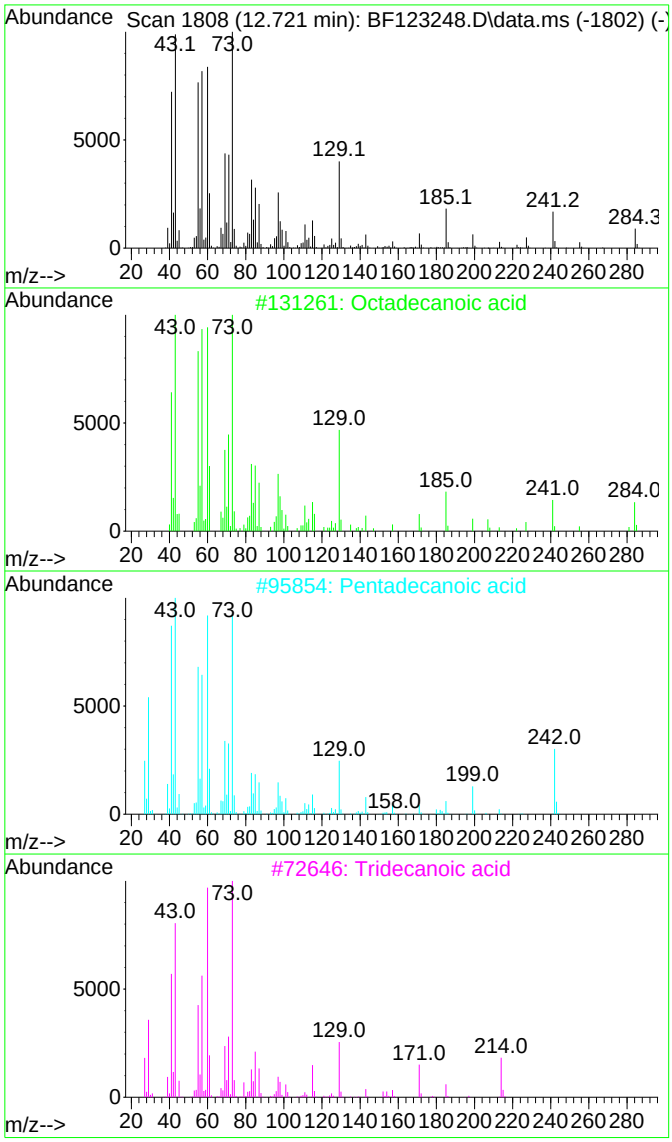
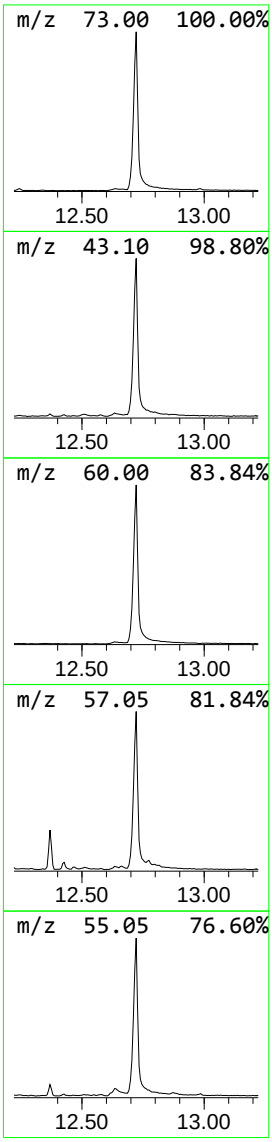
Peak Number 16 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	91.29 ng	5724160	Chrysene-d12	14.039

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	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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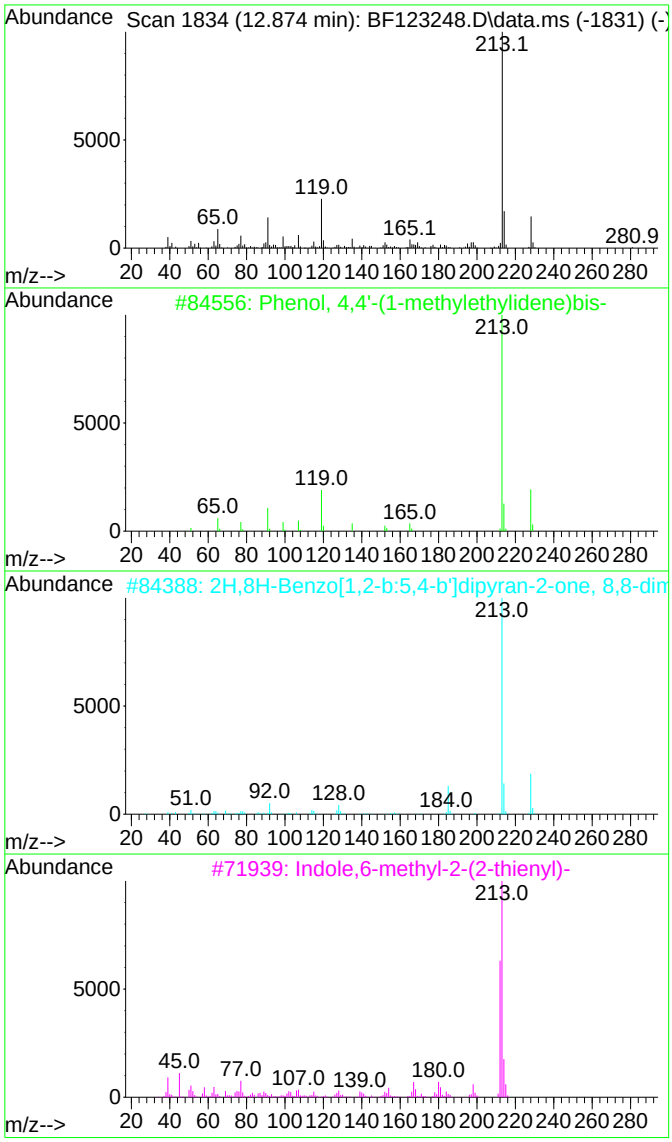
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

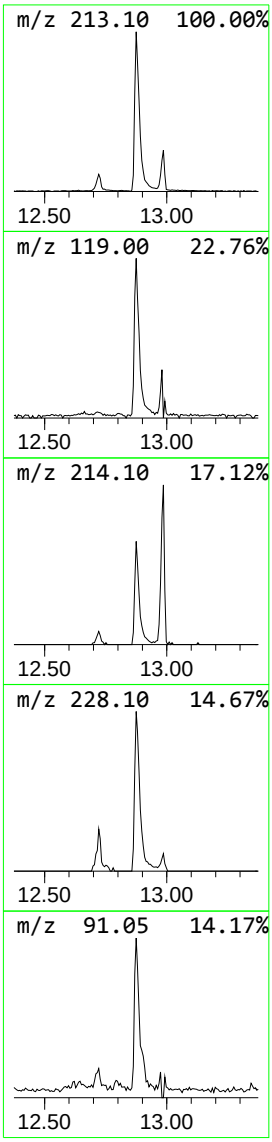
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenol, 4,4'-(1-methylethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.874	9.07 ng	568715	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58
3	Indole,6-methyl-2-(2-thienyl)-	213	C13H11NS	296245-70-0	52
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47
5	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	45





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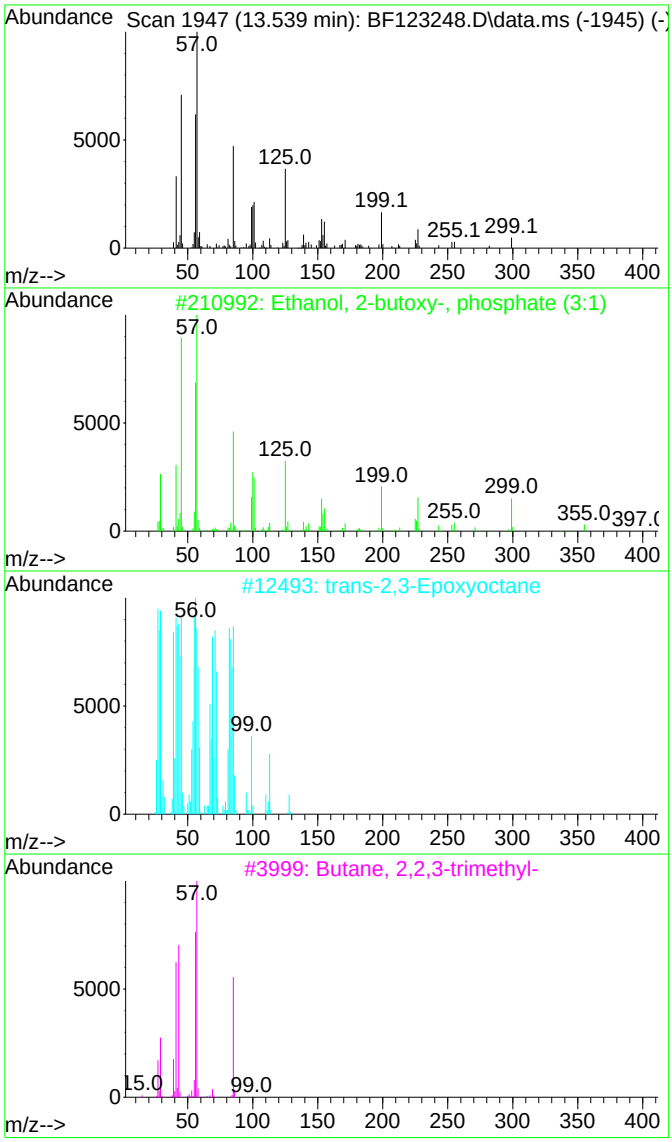
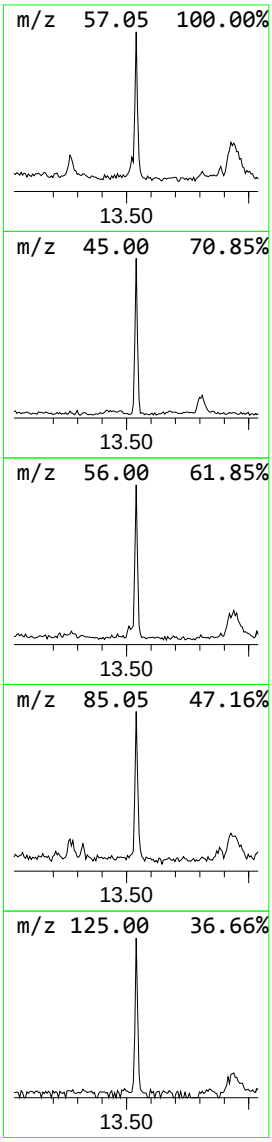
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Ethanol, 2-butoxy-, phospha... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.539	2.71 ng	169972	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	72
2	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	47
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	22
4	Butane, 1-(ethenyloxy)-	100	C6H12O	000111-34-2	22
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	16





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

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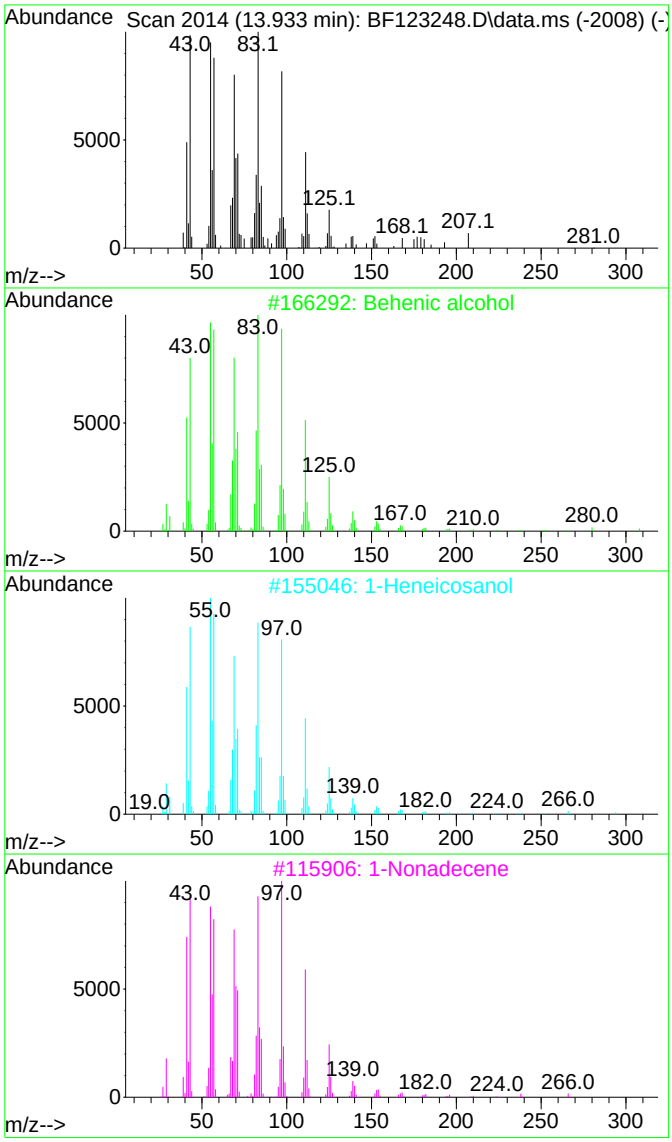
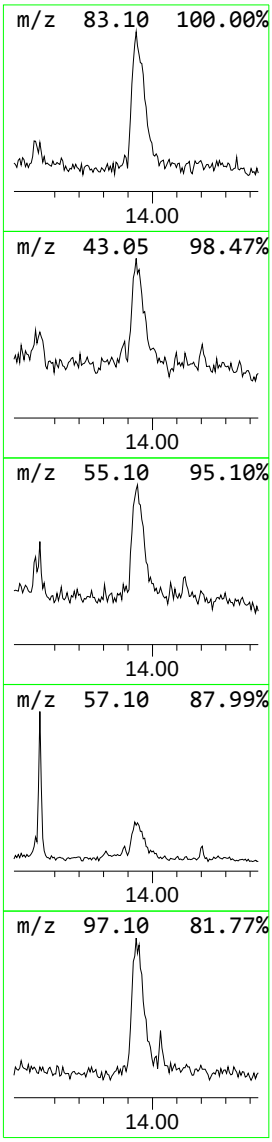
Peak Number 19 Behenic alcohol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	4.05 ng	253722	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	1-Nonadecene	266	C19H38	018435-45-5	83
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	70
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

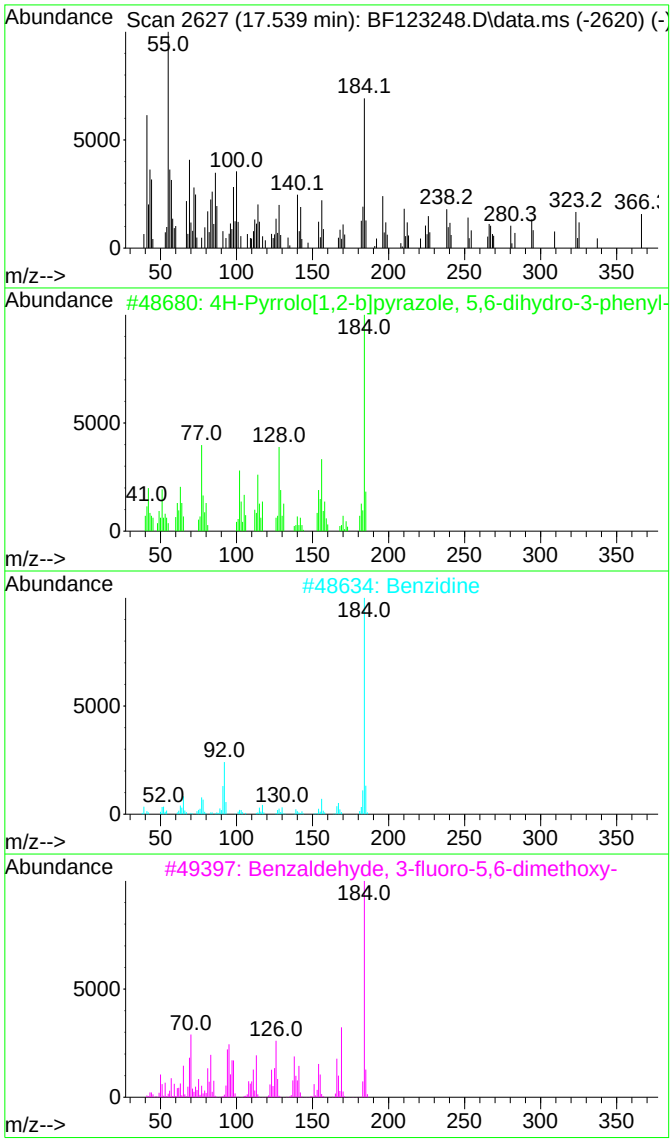
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

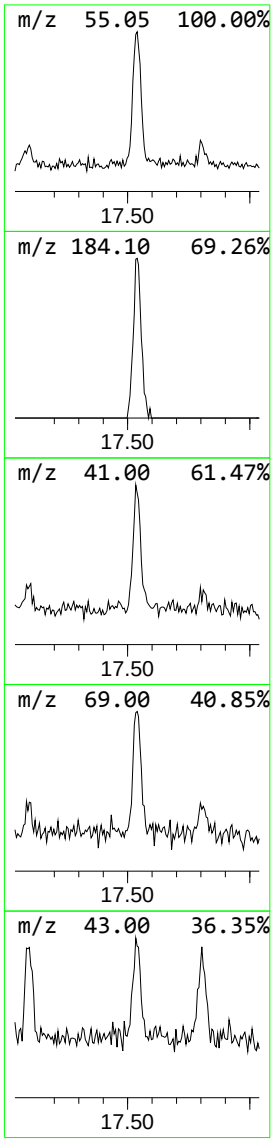
****

Peak Number 20 unknown17.539 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.539	5.94 ng	249017	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Pyrrolo[1,2-b]pyrazole, 5,6-d...	184	C12H12N2	010183-74-1	30
2	Benzidine	184	C12H12N2	000092-87-5	25
3	Benzaldehyde, 3-fluoro-5,6-dimet...	184	C9H9FO3	114635-98-2	25
4	2-Fluoro-5-nitrobenzenamine, N-f...	184	C7H5FN2O3	1000130-24-8	22
5	Benzimidazole-2-thiol, 5-chloro-...	266	C13H15ClN2S	298684-28-3	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123248.D
Acq On : 20 Feb 2021 16:43
Operator : JU/CG
Sample : M1431-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDW-BR2-AQ-BR-021621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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
Butane, 2-metho...	2.116	39.1	ng	1462670	1	6.857	747334	20.0
Toluene	3.928	78.0	ng	2914630	1	6.857	747334	20.0
Hexanal	4.510	2.1	ng	77832	1	6.857	747334	20.0
Heptanal	5.787	4.1	ng	154544	1	6.857	747334	20.0
1-Pentanol, 2-e...	6.928	3.2	ng	121181	1	6.857	747334	20.0
unknown7.257	7.257	15.9	ng	594396	1	6.857	747334	20.0
unknown7.492	7.492	3.0	ng	113809	1	6.857	747334	20.0
Hexanoic acid, ...	7.563	13.1	ng	647620	2	8.139	989351	20.0
Octanoic acid	7.910	13.6	ng	673307	2	8.139	989351	20.0
Ethanol, 2-(2-b...	8.051	24.2	ng	1195680	2	8.139	989351	20.0
Nonanoic acid	8.516	15.9	ng	784122	2	8.139	989351	20.0
Benzenesulfonam...	11.304	105.6	ng	6539090	4	11.392	1238780	20.0
n-Hexadecanoic ...	11.933	66.7	ng	4129560	4	11.392	1238780	20.0
2,4,4,6,6,8,8-H...	12.369	3.5	ng	220099	4	11.392	1238780	20.0
Cyclopentadecan...	12.633	5.4	ng	333633	4	11.392	1238780	20.0
Octadecanoic acid	12.722	91.3	ng	5724160	5	14.039	1254000	20.0
Phenol, 4,4'-(1...	12.874	9.1	ng	568715	5	14.039	1254000	20.0
Ethanol, 2-buto...	13.539	2.7	ng	169972	5	14.039	1254000	20.0
Behenic alcohol	13.933	4.0	ng	253722	5	14.039	1254000	20.0
unknown17.539	17.539	5.9	ng	249017	6	15.509	838652	20.0