LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123600.D
Acq On : 16 Apr 2021 19:40
Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123600.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	9	21	31	rVB	5394312	10699950	4.73%	1.721%
2	2.405	47	54	59	rVB	5997752	8430021	3.72%	1.356%
3	2.704	97	105	112	rBV	1373921	2545249	1.12%	0.409%
4	4.046	323	333	343	rBV	2233989	4598425	2.03%	0.740%
5	4.793	454	460	468	rVV	1971246	3376294	1.49%	0.543%
6	5.210	524	531	532	rVB2	1800137	3028869	1.34%	0.487%
7	5.469	571	575	578	rBV	1913591	3384102	1.50%	0.544%
8	5.510	578	582	584	rBV	2782348	3633269	1.61%	0.584%
9	5.857	636	641	645	rBV	2482858	3642759	1.61%	0.586%
10	6.569	758	762	770	rBV	2638784	6021918	2.66%	0.969%
11	6.640	770	774	776	rBV	2580896	2379594	1.05%	0.383%
12	6.722	779	788	789	rBV	8416720	16976005	7.50%	2.731%
13	6.763	793	795	798	rVB	8946954	7058792	3.12%	1.135%
14	6.857	802	811	817	rBV	9138548	20354785	8.99%	3.274%
15	7.175	857	865	869	rBV3	2466222	3990165	1.76%	0.642%
16	7.439	892	910	914	rBV2	6843497	16188525	7.15%	2.604%
17	8.063	942	1016	1017	rBV	18646773	226356265	100.00%	36.410%
18	8.128	1025	1027	1030	rVB3	3566670	3739409	1.65%	0.601%
19	8.228	1036	1044	1045	rBV2	6357694	10327582	4.56%	1.661%
20	8.334	1045	1062	1064	rBV5	6978402	30039283	13.27%	4.832%
21	8.451	1080	1082	1084	rVB2	14222311	10273586	4.54%	1.653%
22	8.698	1117	1124	1126	rVB2	3479209	5339981	2.36%	0.859%
23	8.757	1129	1134	1137	rBV2	4722926	7509553	3.32%	1.208%
24	8.804	1137	1142	1145	rVB3	5152916	8023768	3.54%	1.291%
25	9.051	1180	1184	1192	rVB4	1476518	2694534	1.19%	0.433%
26	9.186	1203	1207	1210	rVV	4666606	5898770	2.61%	0.949%
27	9.245	1213	1217	1221	rVB	7582942	6654671	2.94%	1.070%
28	9.569	1257	1272	1273	rBV	5096922	12896431	5.70%	2.074%
29	9.639	1279	1284	1289	rVB3	3576095	4469629	1.97%	0.719%
30	9.757	1291	1304	1308	rVV2	20216545	55815654	24.66%	8.978%
31	9.875	1322	1324	1327	rVV	2171089	2412786	1.07%	0.388%
32	9.922	1330	1332	1337	rVB2	2229757	2293600	1.01%	0.369%
33	9.998	1337	1345	1348	rBV	2208465	3391402	1.50%	0.546%
34	10.133	1354	1368	1372	rBV4	5368045	14178852	6.26%	2.281%
35	10.180	1372	1376	1378	rVV	2703109	2858289	1.26%	0.460%
36	10.210	1378	1381	1385	rVB2	1866015	2793087	1.23%	0.449%

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Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.298	1391	1396	1398	rVB	2818382	3196000	1.41%	0.514%
38	10.339	1398	1403	1404	rBV	1795963	2566708	1.13%	0.413%
39	10.351	1404	1405	1413	rVB2	2264138	2269338	1.00%	0.365%
40	10.798	1476	1481	1484	rBV2	3794146	5279473	2.33%	0.849%
41	11.075	1514	1528	1531	rBV	17275422	35089056	15.50%	5.644%
42	11.986	1679	1683	1686	rBV	3670920	3553208	1.57%	0.572%
43	12.233	1722	1725	1729	rBV	2865131	3435073	1.52%	0.553%
44	12.704	1793	1805	1810	rBV	10451191	22427087	9.91%	3.607%
45	12.763	1812	1815	1823	rVB	3530690	4020755	1.78%	0.647%
46	13.004	1852	1856	1864	rBV	4899649	5568844	2.46%	0.896%

Sum of corrected areas: 621681396

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
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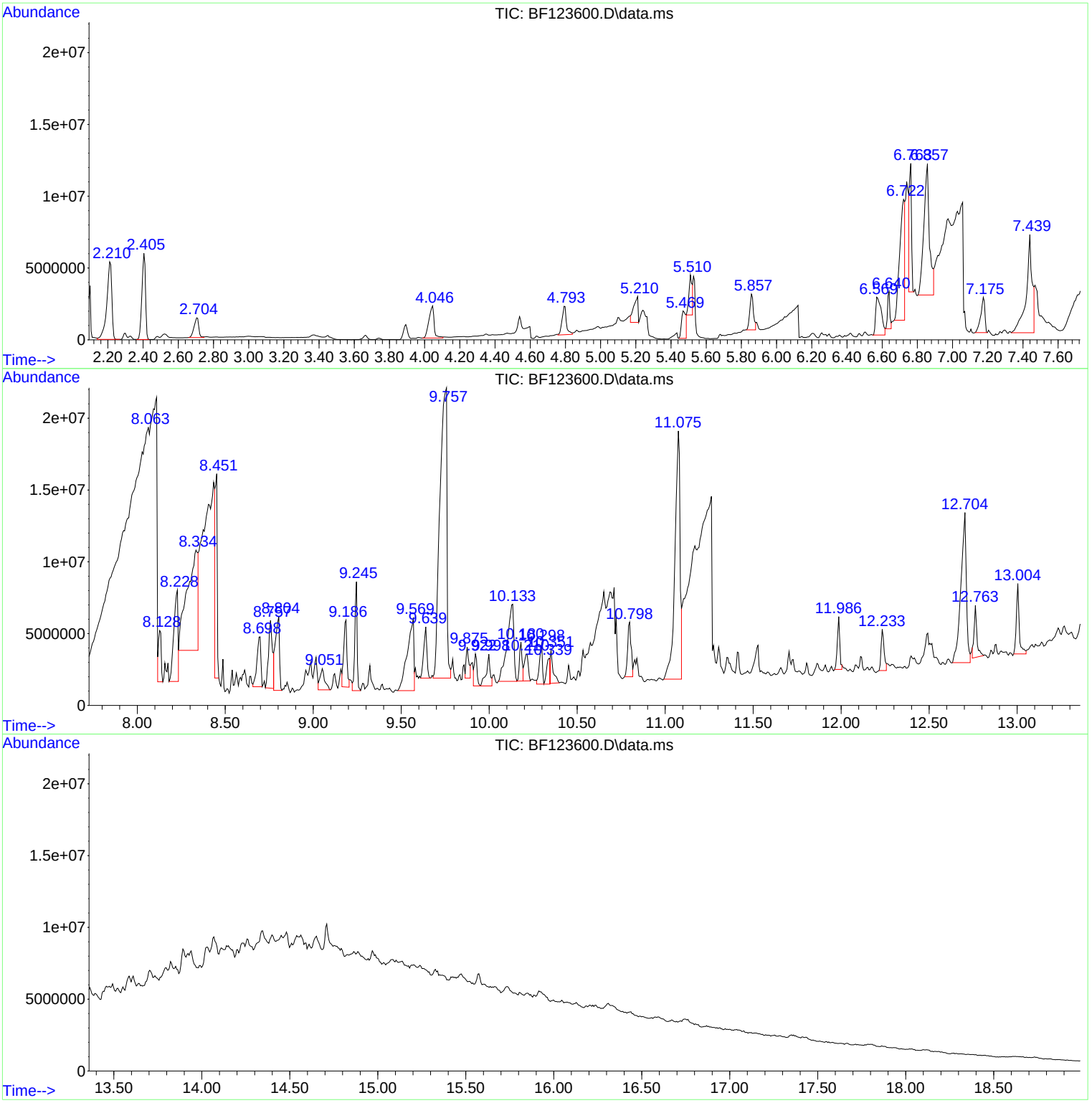
Instrument :
BNA_F
ClientSampleId :
TOTE-1750

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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\BF041621\
Data File : BF123600.D
Acq On : 16 Apr 2021 19:40
Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

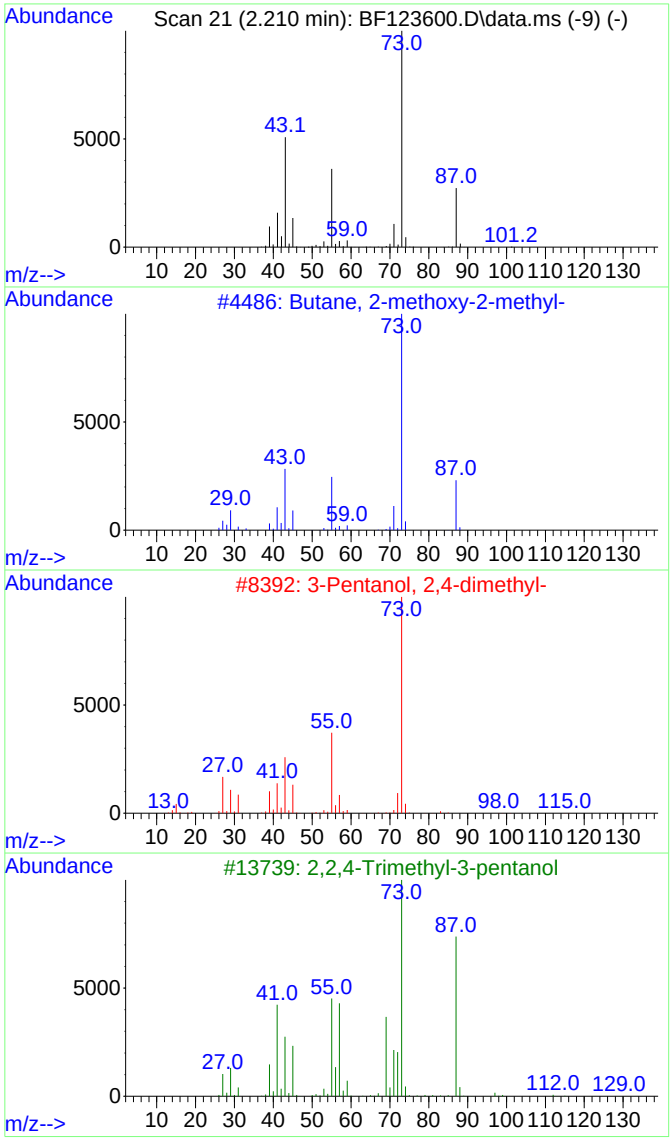
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

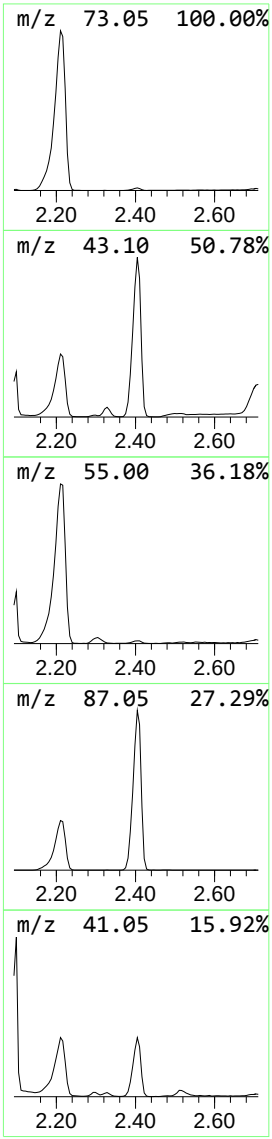
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.210	10.51 ng	10700000	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123600.D
Acq On : 16 Apr 2021 19:40
Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

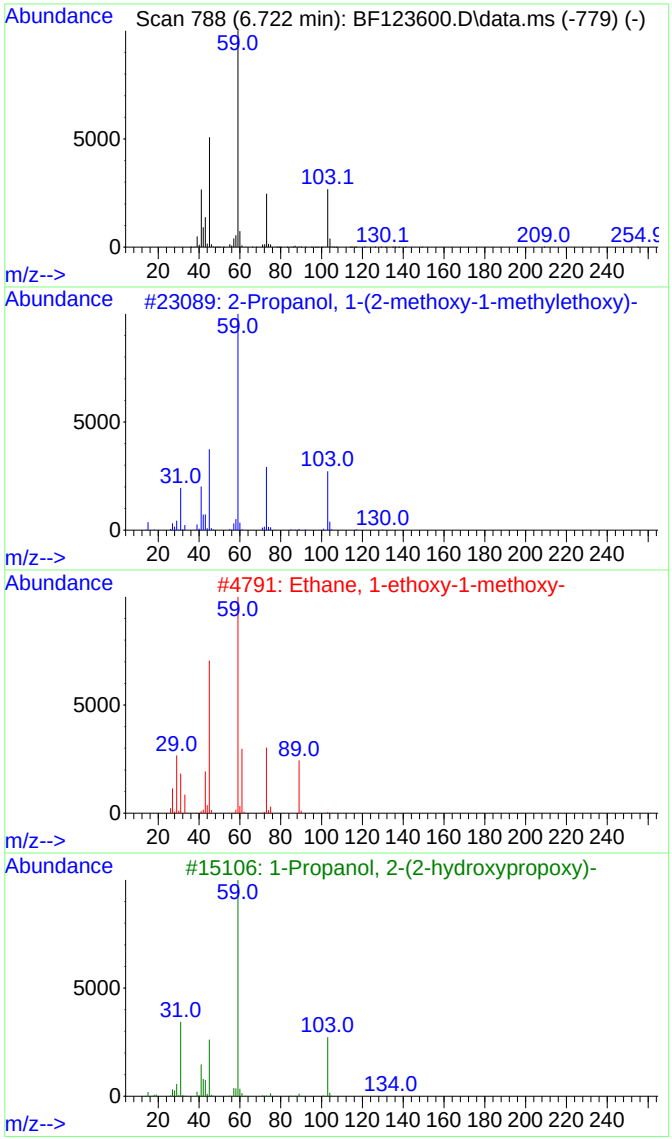
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

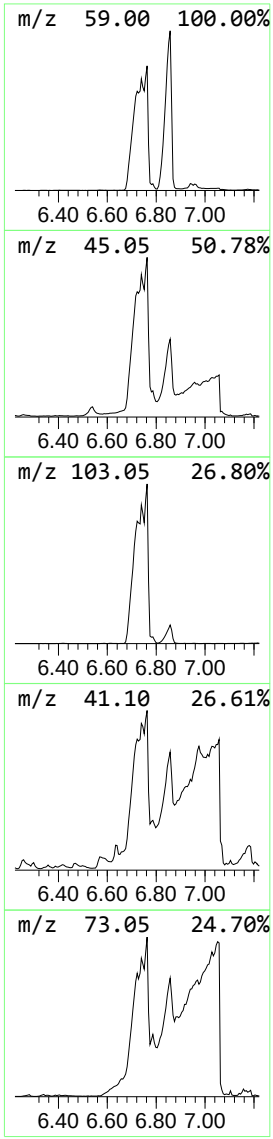
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	16.68 ng	16976000	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	59
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
4	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	56
5	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123600.D
Acq On : 16 Apr 2021 19:40
Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

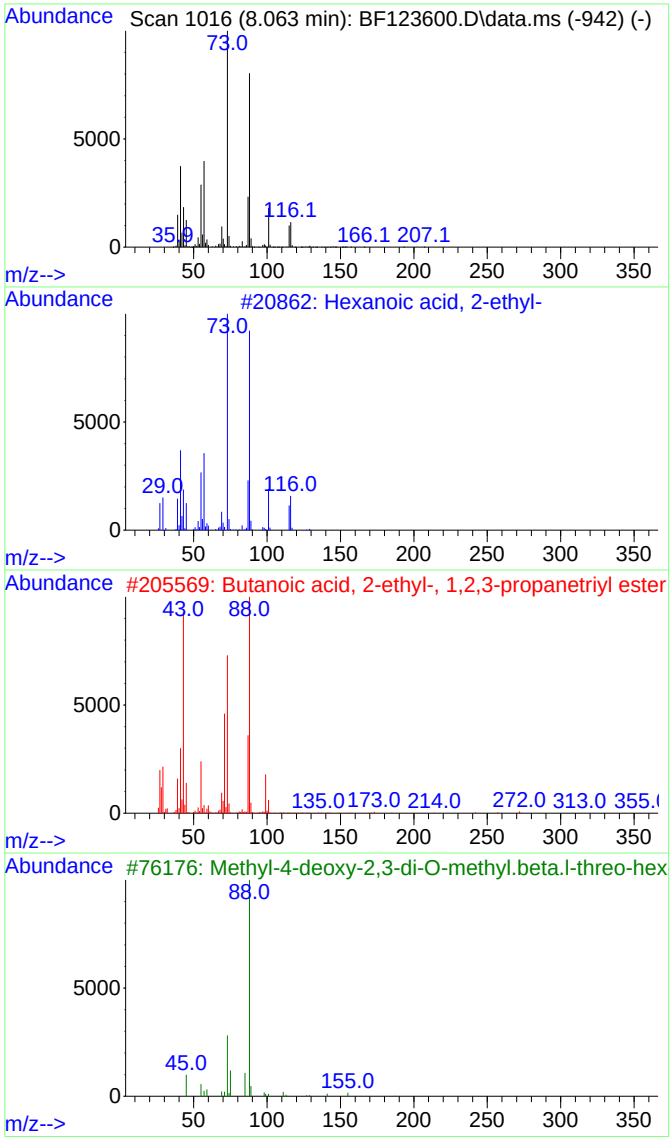
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

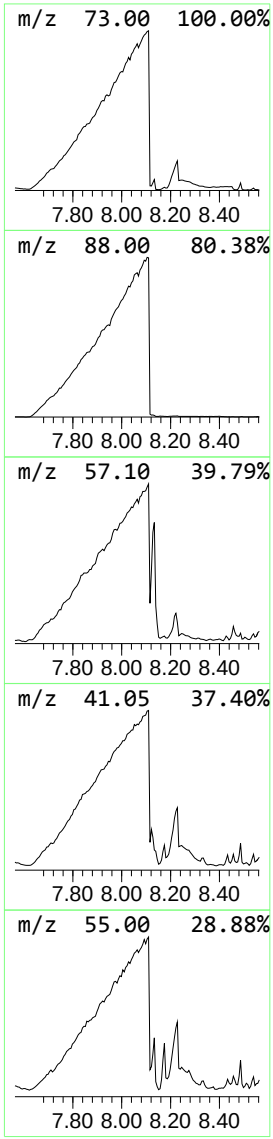
****

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.063	1210.65 ng	226356000	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
3	Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	43
4	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	42
5	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123600.D
Acq On : 16 Apr 2021 19:40
Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOTE-1750

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

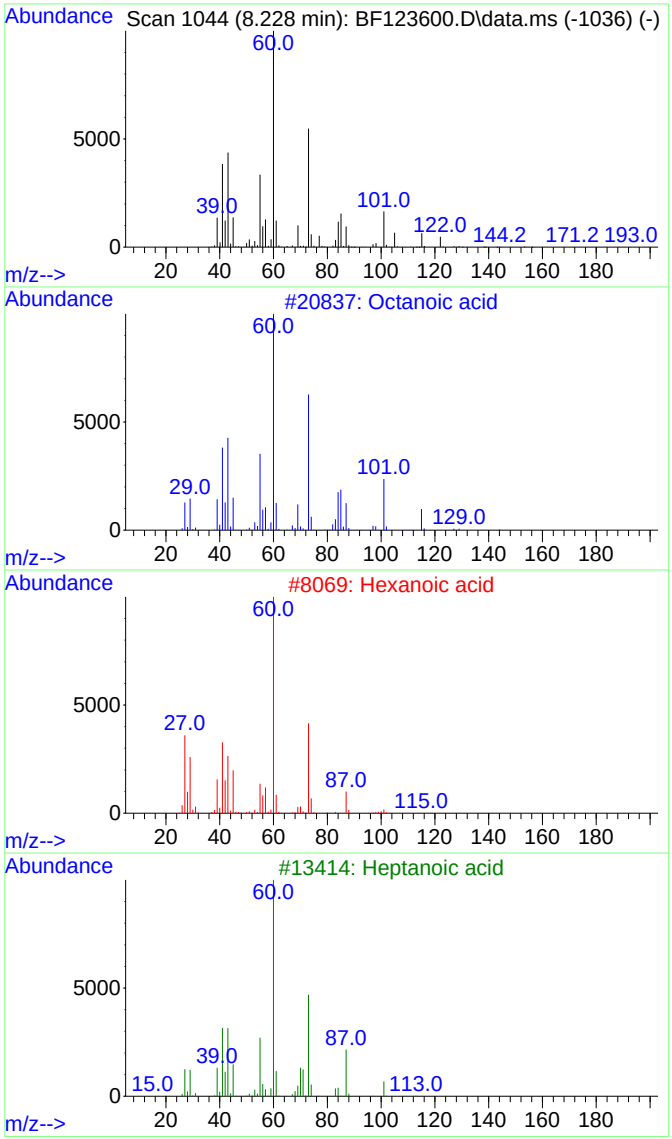
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

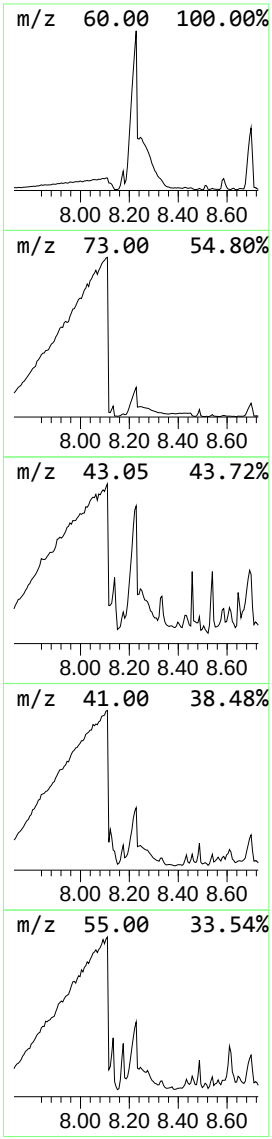
****

Peak Number 4 Octanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.228	55.24 ng	10327600	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	97
2	Hexanoic acid	116	C6H12O2	000142-62-1	59
3	Heptanoic acid	130	C7H14O2	000111-14-8	53
4	Pentanoic acid	102	C5H10O2	000109-52-4	52
5	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123600.D
Acq On : 16 Apr 2021 19:40
Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

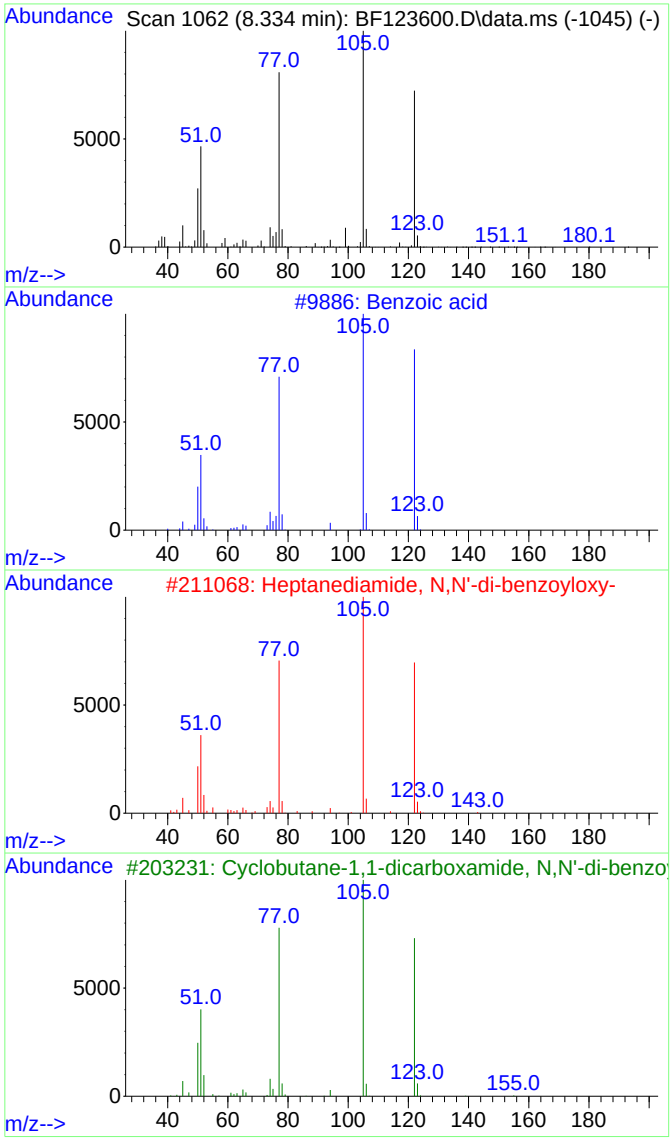
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

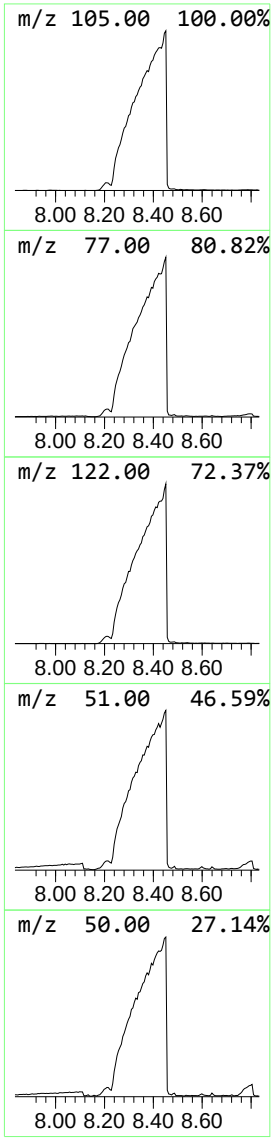
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptanediamide, N,N'-di-ben... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	160.66 ng	30039300	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	96
2	Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	91
3	Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	91
4	Benzoic acid, silver(1+) salt	228	C7H5AgO2	000532-31-0	80
5	Cyclopropanecarboxamide, N-benzo...	205	C11H11NO3	1000253-25-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123600.D
Acq On : 16 Apr 2021 19:40
Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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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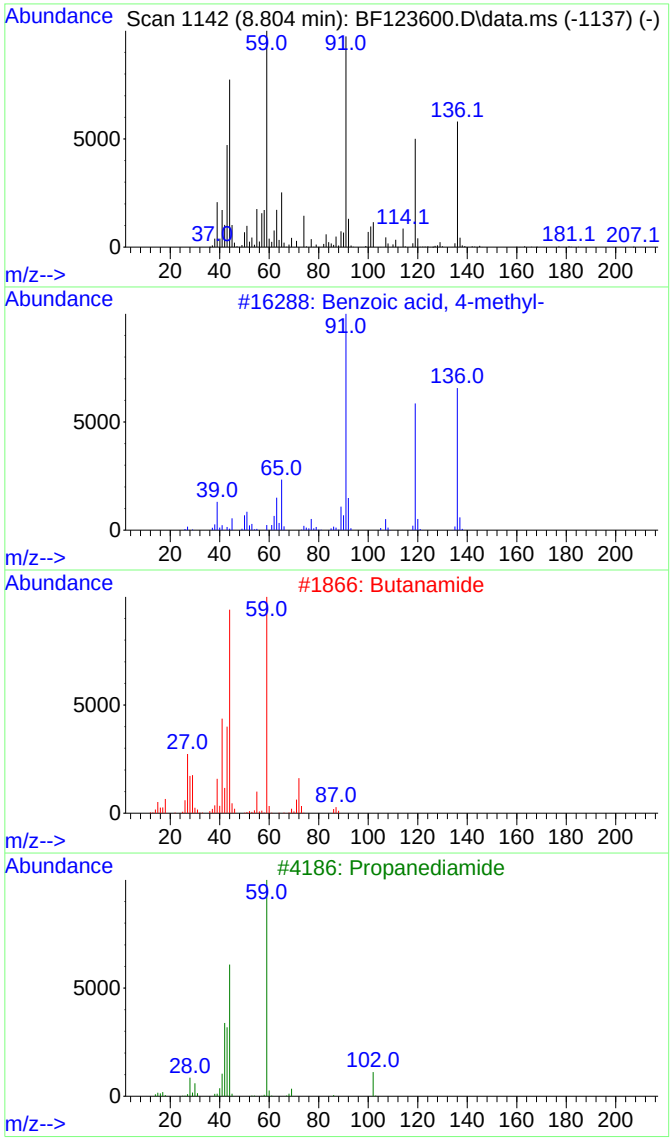
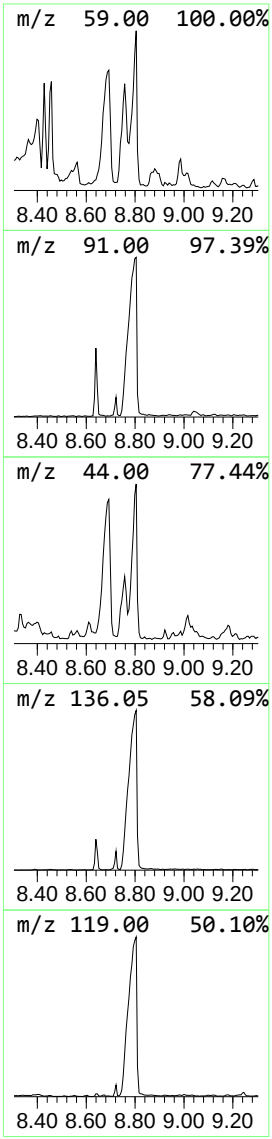
Peak Number 6 Benzoic acid, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.804	42.91 ng	8023770	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	74
2	Butanamide	87	C4H9NO	000541-35-5	43
3	Propanediamide	102	C3H6N2O2	000108-13-4	38
4	Benzeneacetic acid	136	C8H8O2	000103-82-2	25
5	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	18





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Data File : BF123600.D
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Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

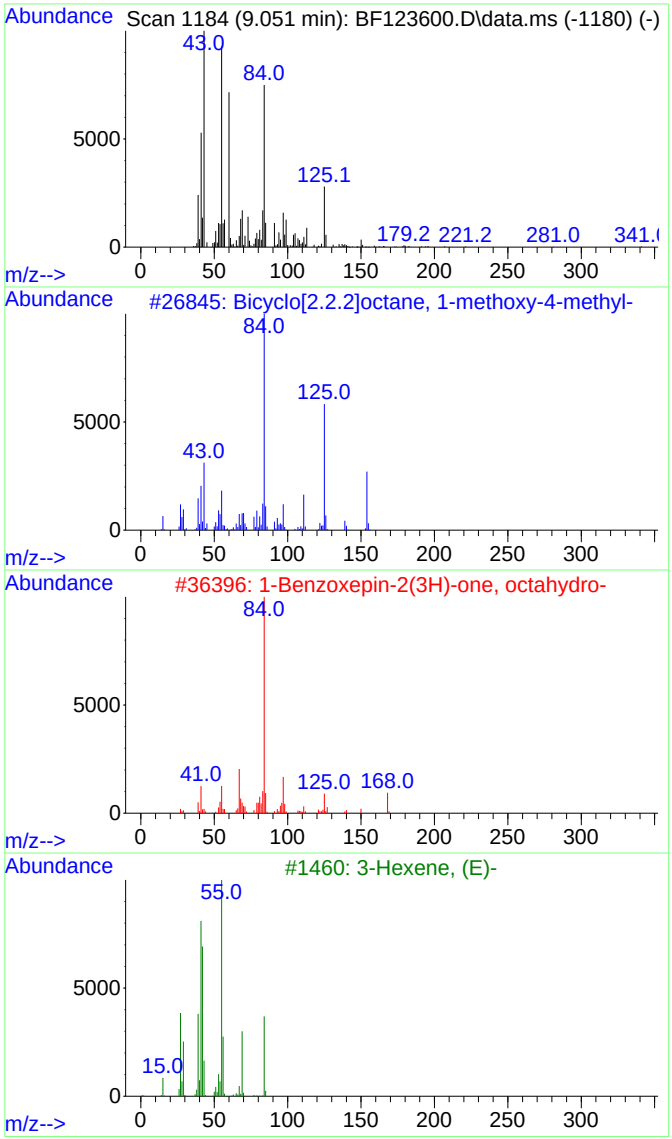
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

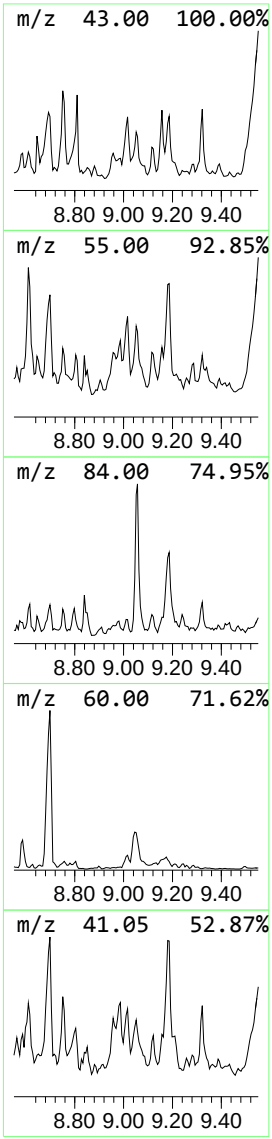
****

Peak Number 7 unknown9.051 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.051	23.50 ng	2694530	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 1-methoxy-...	154	C10H18O	006555-95-9	47
2	1-Benzoxepin-2(3H)-one, octahydro-	168	C10H16O2	004441-65-0	43
3	3-Hexene, (E)-	84	C6H12	013269-52-8	38
4	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	38
5	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123600.D
Acq On : 16 Apr 2021 19:40
Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

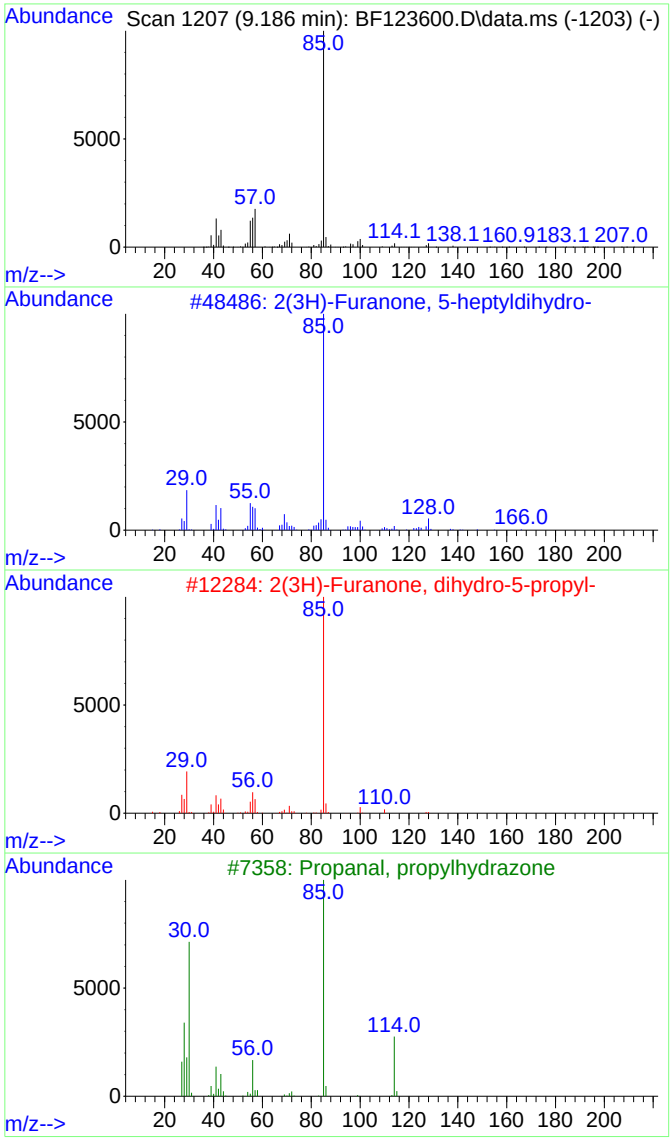
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

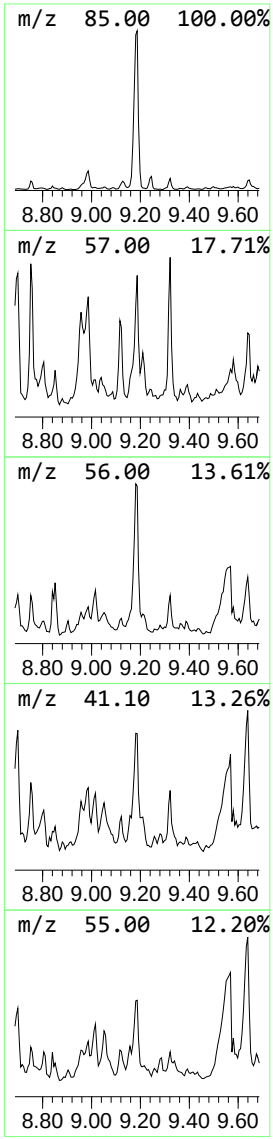
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2(3H)-Furanone, 5-heptyldih... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.186	51.44 ng	5898770	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-heptyldihydro-	184	C11H20O2	000104-67-6	74
2	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	72
3	Propanal, propylhydrazone	114	C6H14N2	019718-39-9	72
4	2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	64
5	2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	64





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Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

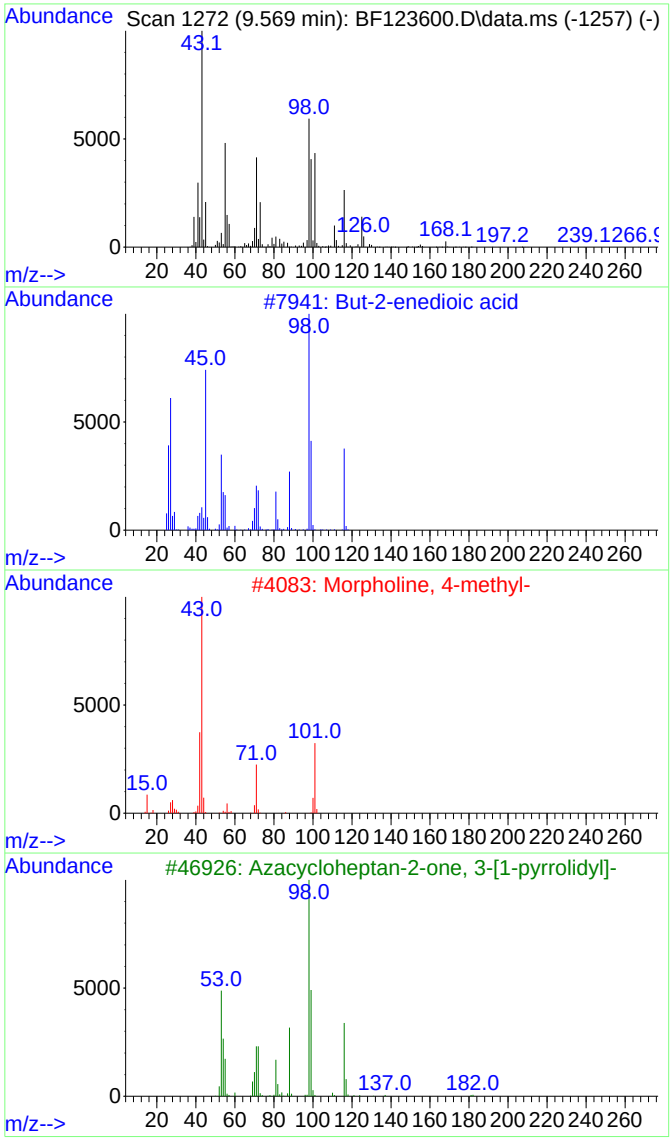
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

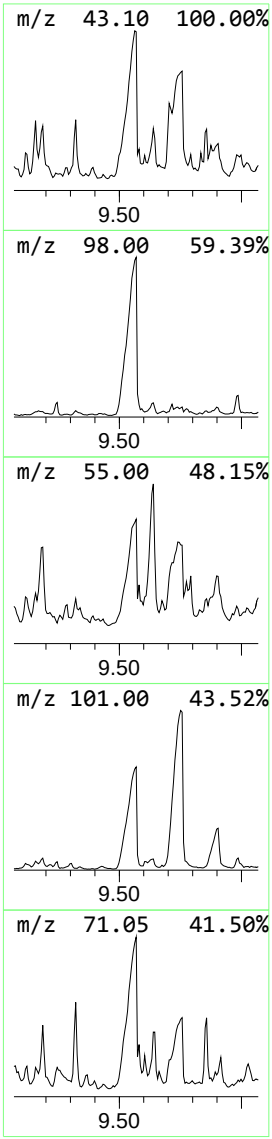
****

Peak Number 9 unknown9.569 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	112.46 ng	12896400	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	But-2-enedioic acid	116	C4H4O4	1000194-17-9	25
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	18
3	Azacycloheptan-2-one, 3-[1-pyrro...	182	C10H18N2O	144243-37-8	17
4	3-Octanone, 2-methyl-	142	C9H18O	000923-28-4	14
5	2,3-Octanedione	142	C8H14O2	000585-25-1	14





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Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

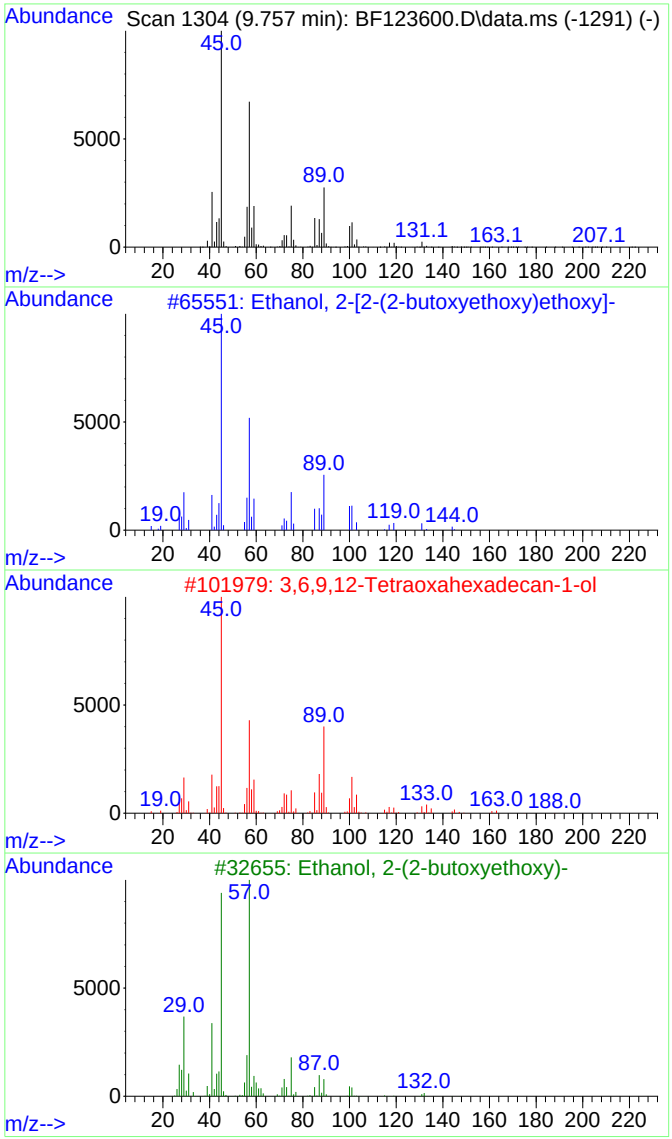
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

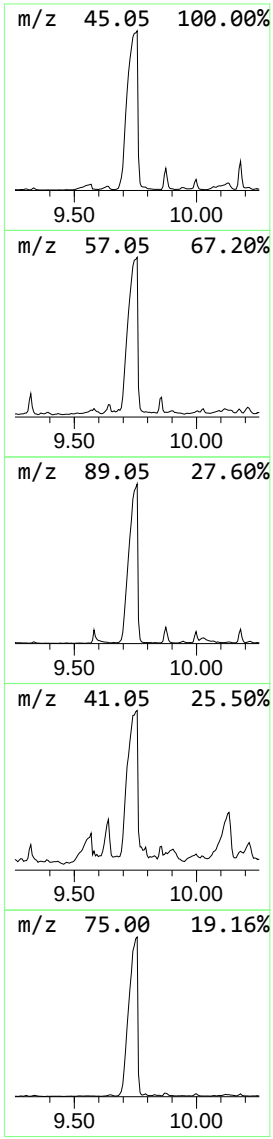
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	486.71 ng	55815700	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	72
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	58
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	58





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Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

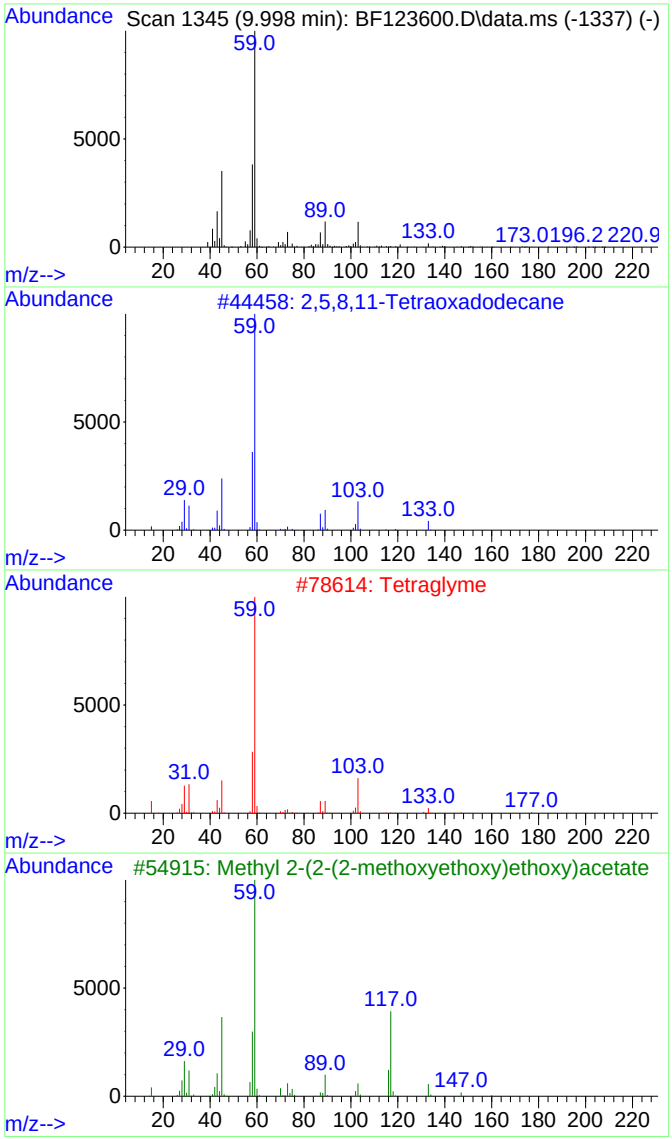
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

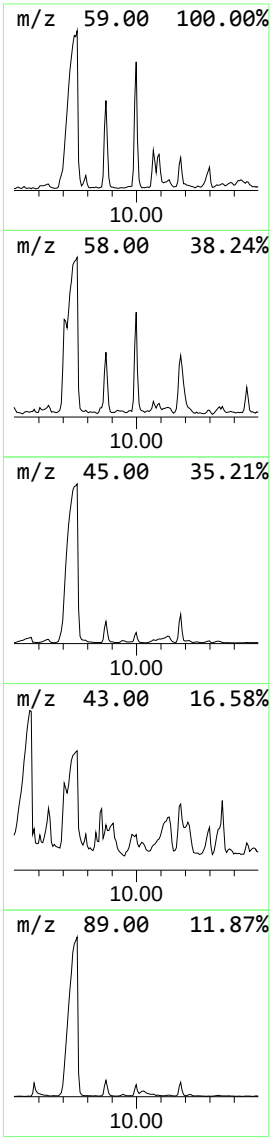
****

Peak Number 11 2,5,8,11-Tetraoxadodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.998	29.57 ng	3391400	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	83
2	Tetraglyme	222	C10H22O5	000143-24-8	72
3	Methyl 2-(2-(2-methoxyethoxy)eth...	192	C8H16O5	1000366-88-2	64
4	Methyl 2,5,8,11,14-pentaoxahexad...	280	C12H24O7	1000366-81-5	64
5	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	64





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Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOTE-1750

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

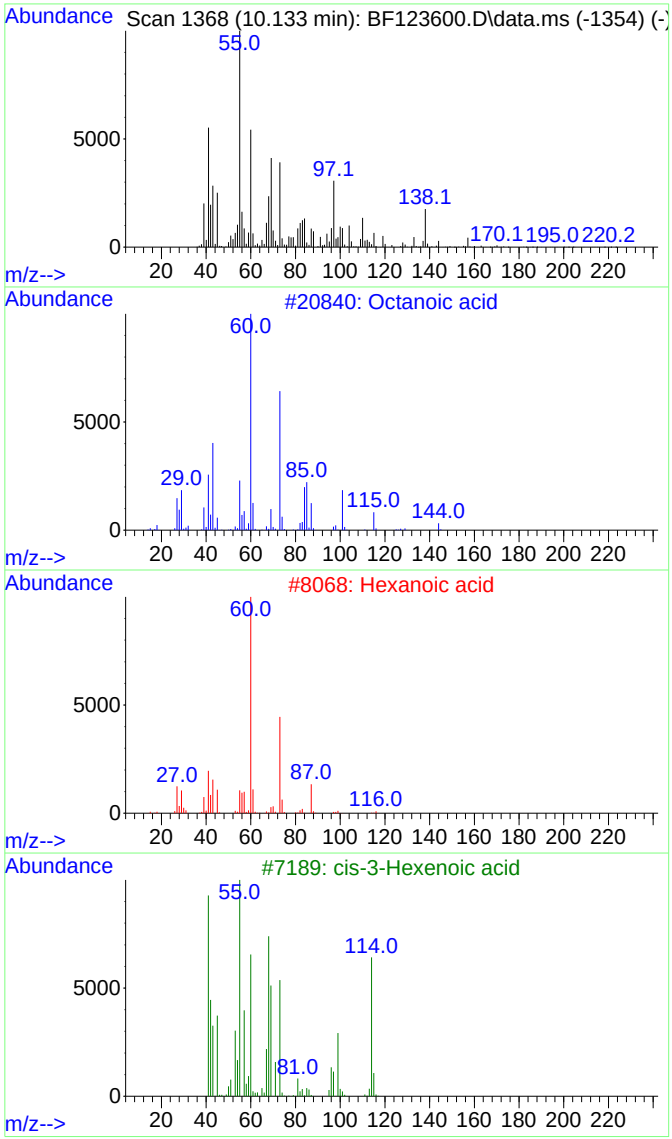
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

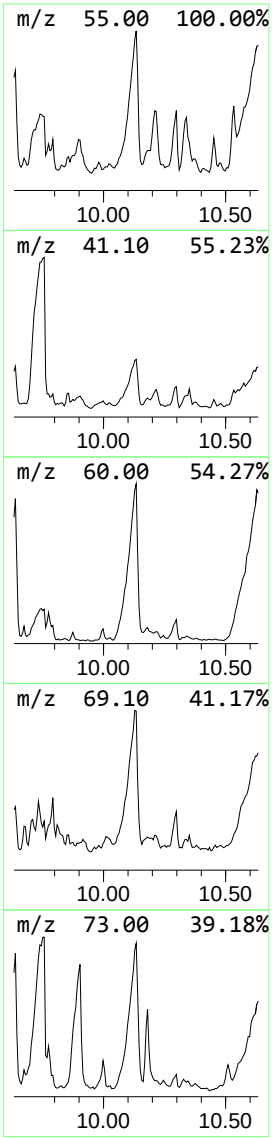
****

Peak Number 12 unknown10.133 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.133	123.64 ng	14178900	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	25
2	Hexanoic acid	116	C6H12O2	000142-62-1	22
3	cis-3-Hexenoic acid	114	C6H10O2	1000132-06-8	22
4	3-Hexen-1-ol, 2-ethyl-	128	C8H16O	053907-73-6	22
5	Cycloheptane, methyl-	112	C8H16	004126-78-7	22





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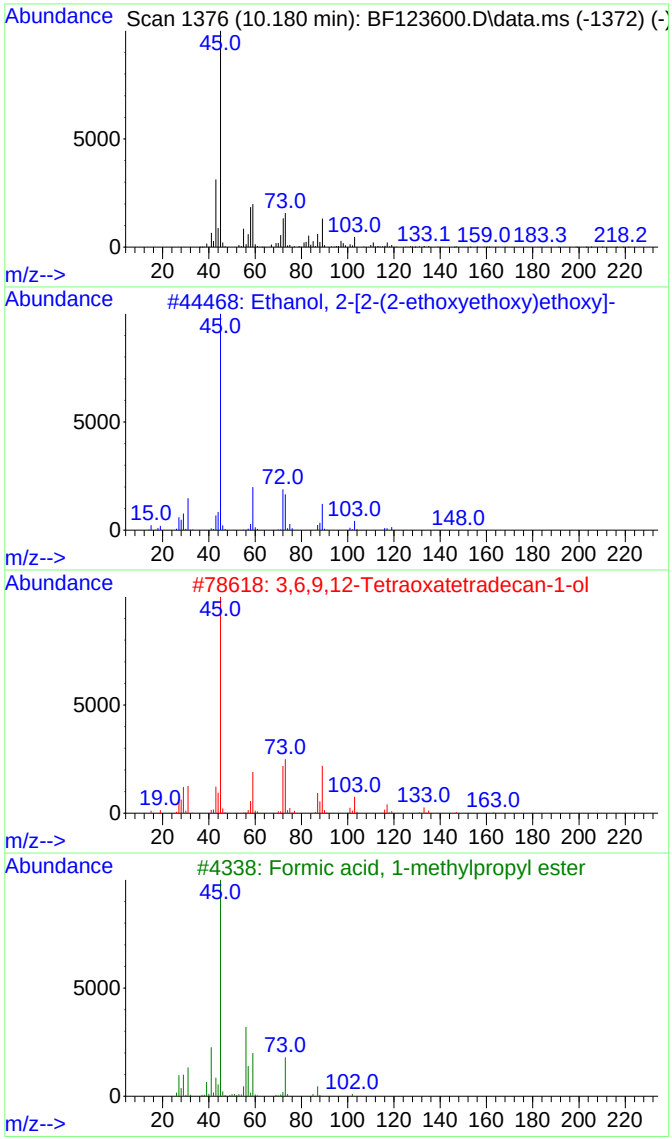
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

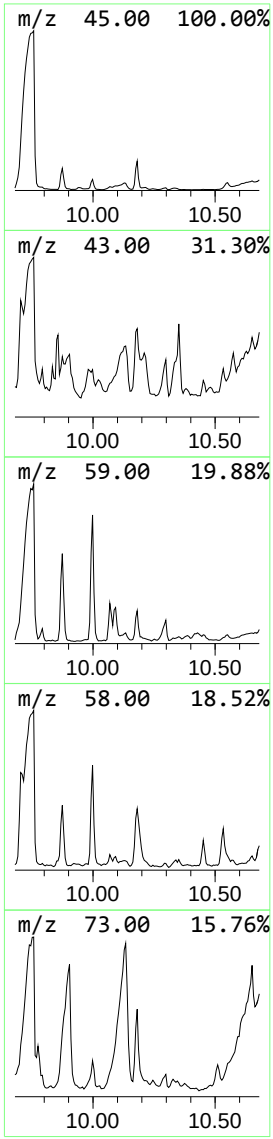
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Ethanol, 2-[2-(2-ethoxyetho... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	24.92 ng	2858290	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	86
2	3,6,9,12-Tetraoxatetradecan-1-ol	222	C10H22O5	005650-20-4	64
3	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	59
4	Triethylene glycol	150	C6H14O4	000112-27-6	53
5	2-Butanol	74	C4H10O	000078-92-2	50





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Instrument :
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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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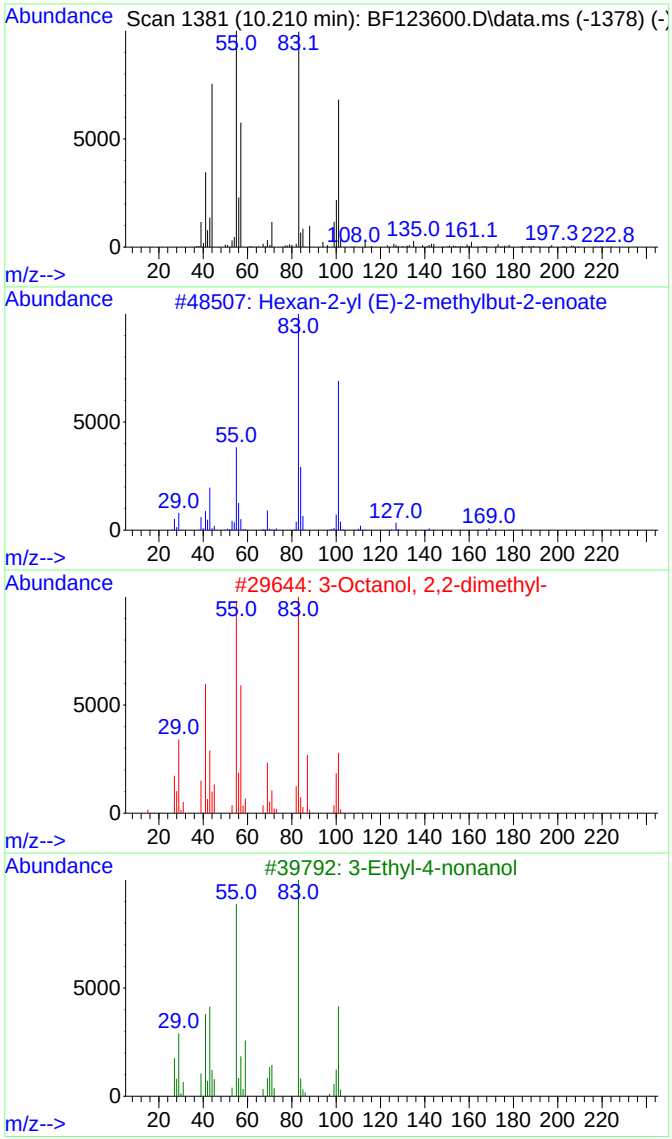
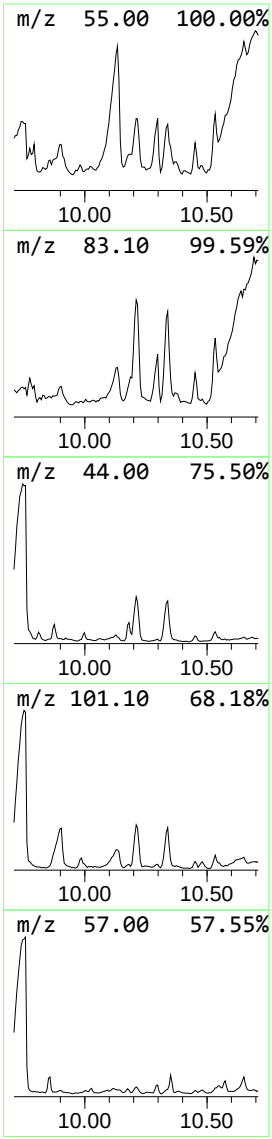
Peak Number 14 unknown10.210 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.210	24.36 ng	2793090	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexan-2-yl (E)-2-methylbut-2-enoate	184	C11H20O2	1000373-75-3	43
2	3-Octanol, 2,2-dimethyl-	158	C10H22O	019841-72-6	38
3	3-Ethyl-4-nonanol	172	C11H24O	019780-72-4	38
4	2-Butenoic acid, 2-methyl-, 2-me...	156	C9H16O2	061692-84-0	37
5	2-Butenoic acid, 2-methyl-, 3-me...	170	C10H18O2	041519-18-0	37





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Sample : M2016-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
TOTE-1750

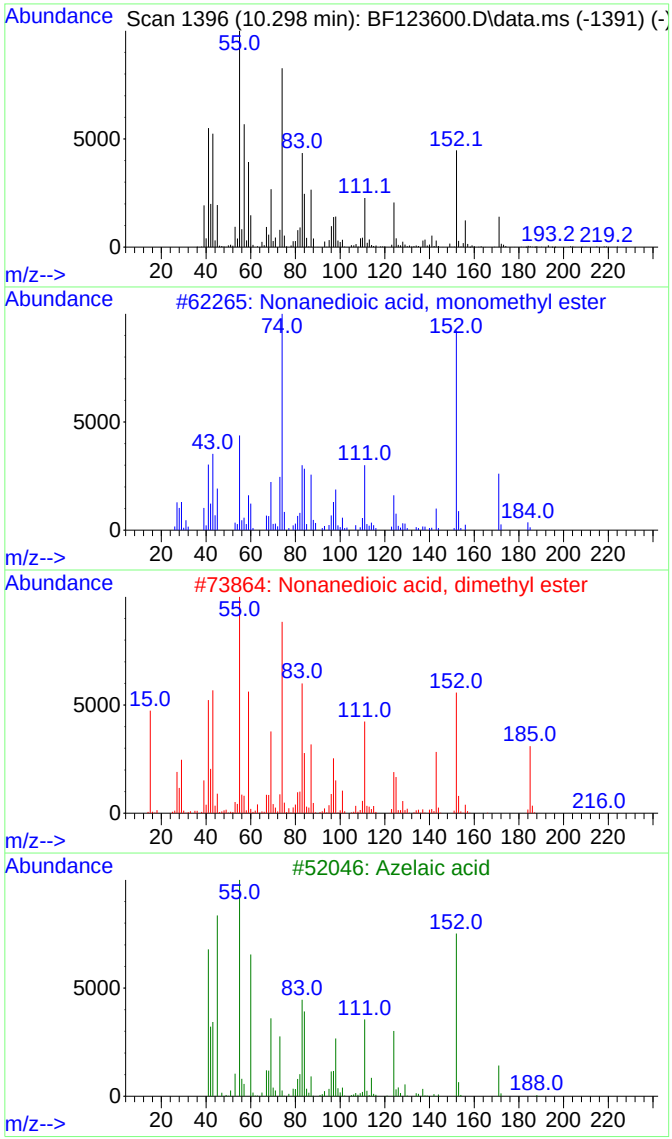
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

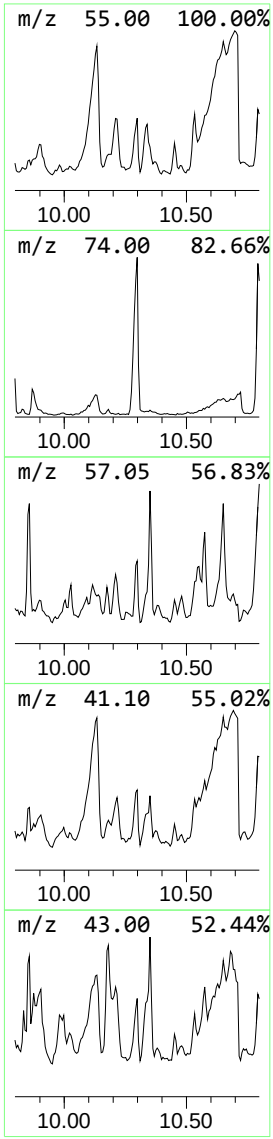
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Nonanedioic acid, monomethy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	27.87 ng	3196000	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanedioic acid, monomethyl ester	202	C10H18O4	002104-19-0	59
2	Nonanedioic acid, dimethyl ester	216	C11H20O4	001732-10-1	58
3	Azelaic acid	188	C9H16O4	000123-99-9	38
4	Methyl isovalerate	116	C6H12O2	000556-24-1	30
5	Tetramethylammonium hexafluoroph...	219	C4H12F6NP	000558-32-7	27





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Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

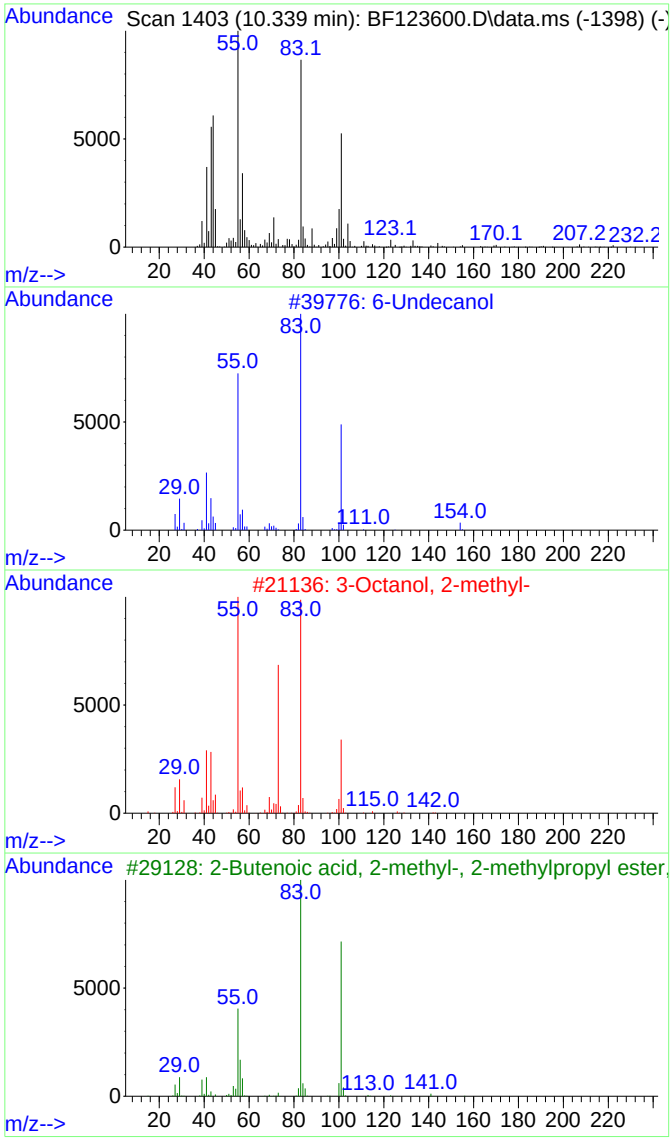
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

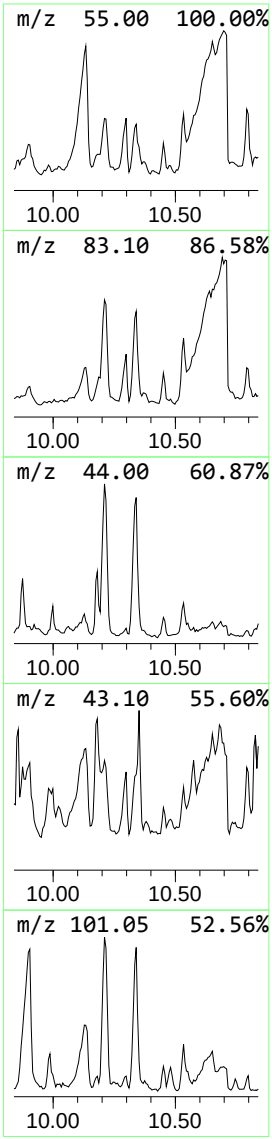
****

Peak Number 16 6-Undecanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	22.38 ng	2566710	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Undecanol	172	C11H24O	023708-56-7	59
2	3-Octanol, 2-methyl-	144	C9H20O	026533-34-6	59
3	2-Butenoic acid, 2-methyl-, 2-me...	156	C9H16O2	061692-84-0	47
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	38
5	3-Methyl-2-butenoic acid, 3-trid...	282	C18H34O2	1000279-25-3	38





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Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOTE-1750

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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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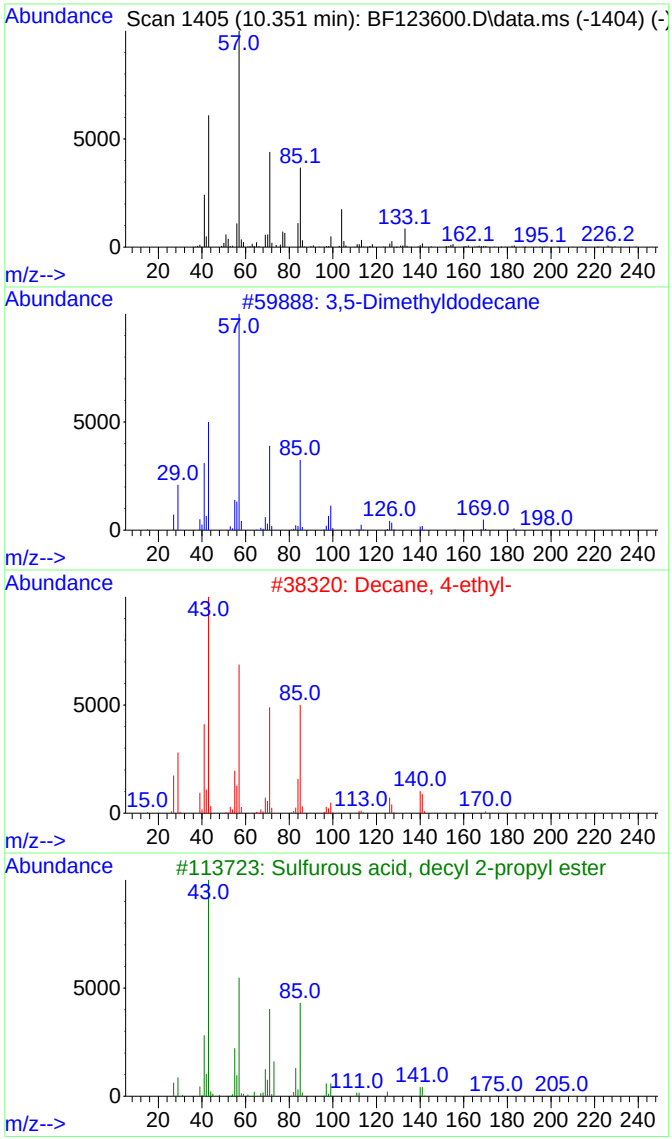
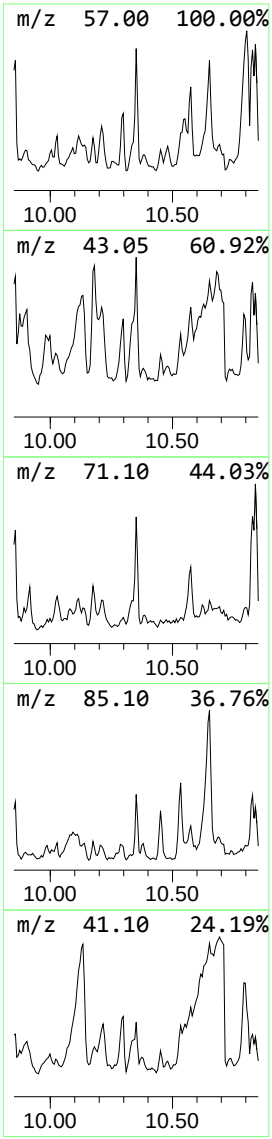
Peak Number 17 3,5-Dimethyldodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	19.79 ng	2269340	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
2	Decane, 4-ethyl-	170	C12H26	001636-44-8	59
3	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	53
4	Tridecane	184	C13H28	000629-50-5	53
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	53





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Instrument : BNA_F
ClientSampleId : TOTE-1750

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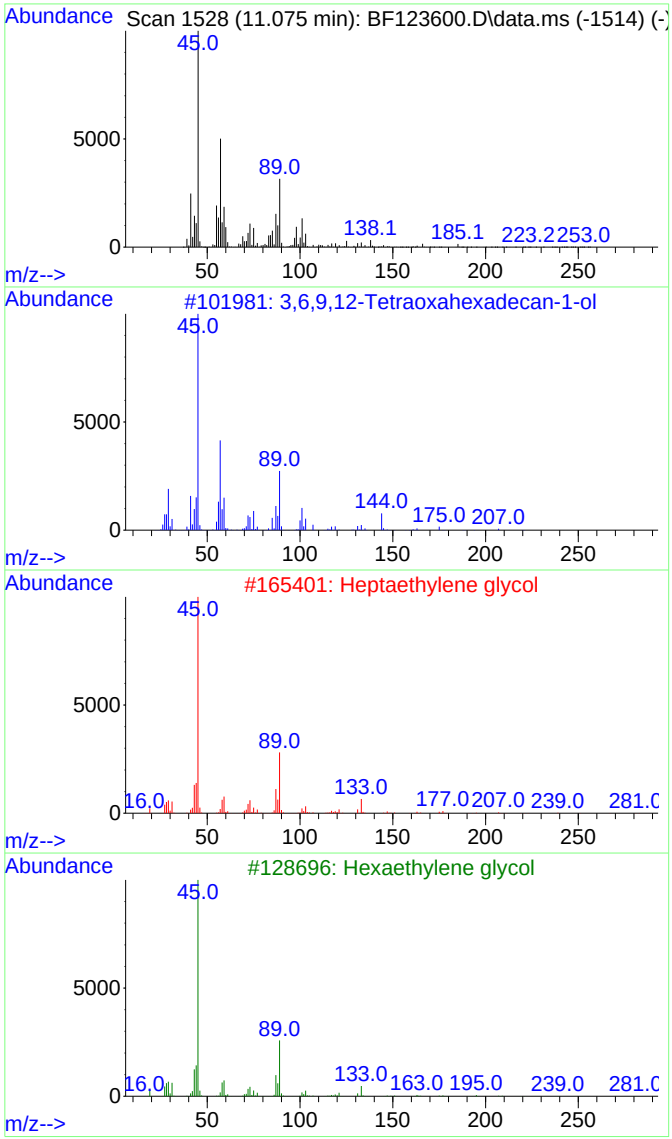
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

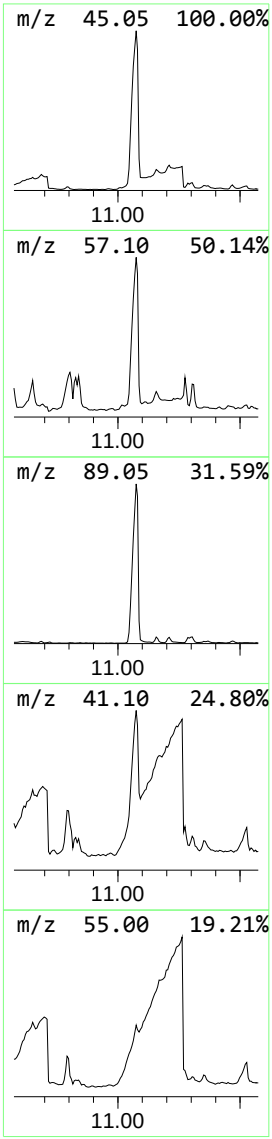
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.075	20.00 ng	35089100	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	83
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	72
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	64
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	64
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	59





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ClientSampleId : TOTE-1750

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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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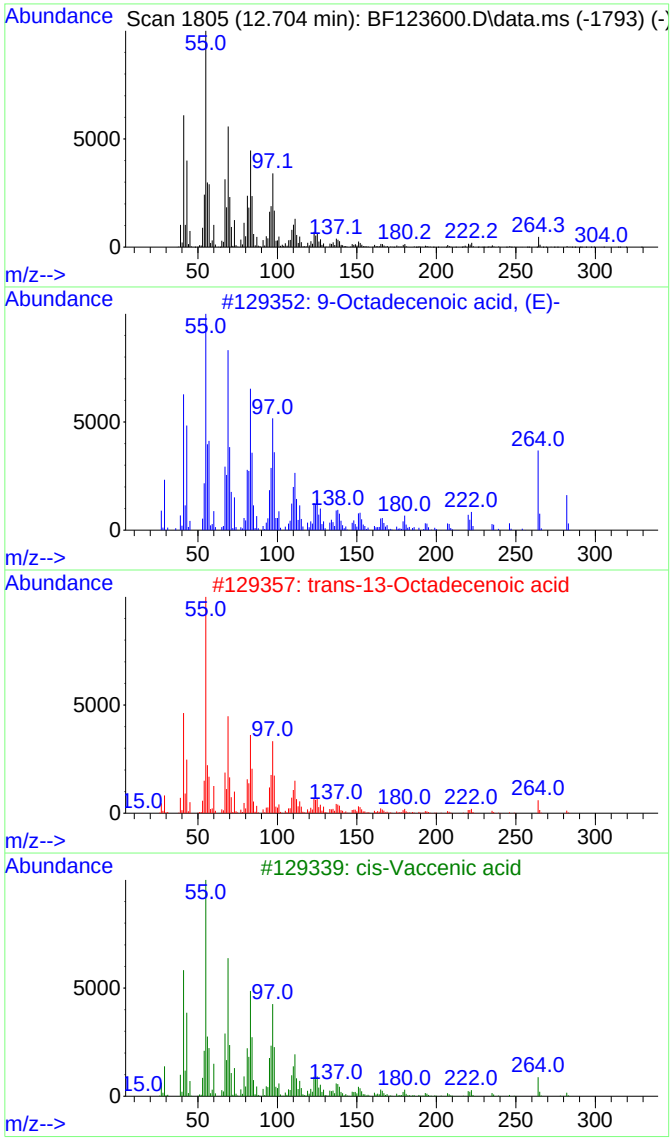
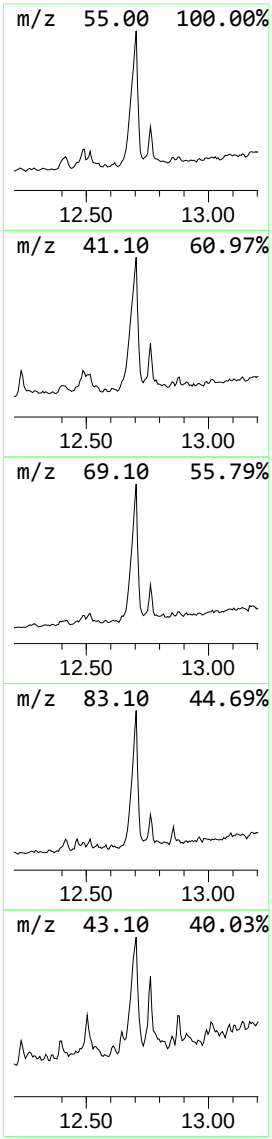
Peak Number 19 9-Octadecenoic acid, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	12.78 ng	22427100	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	96
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	95
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
4	Oleic Acid	282	C18H34O2	000112-80-1	91
5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123600.D
Acq On : 16 Apr 2021 19:40
Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOTE-1750

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

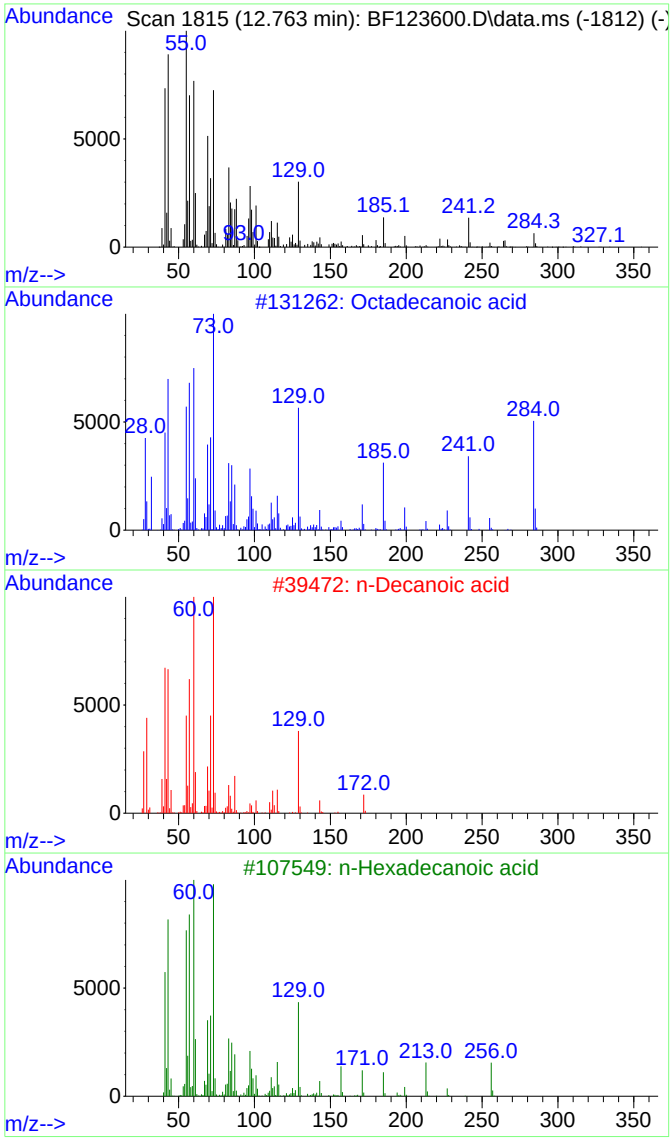
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

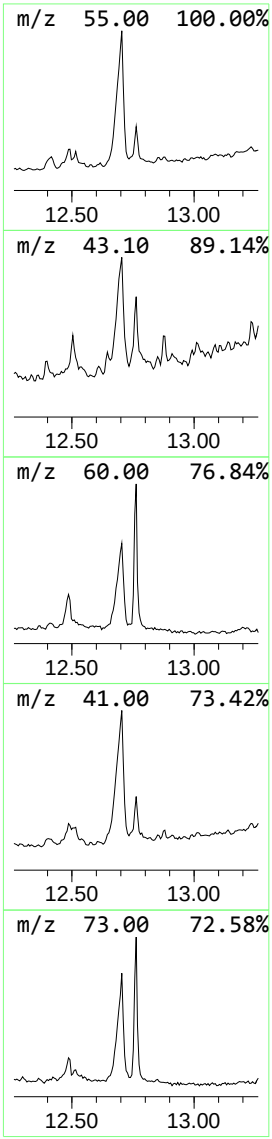
****

Peak Number 20 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.763	14.44 ng	4020760	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	n-Decanoic acid	172	C10H20O2	000334-48-5	55
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	47
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123600.D
Acq On : 16 Apr 2021 19:40
Operator : JU/CG
Sample : M2016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-1750

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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...	2.210	10.5	ng	10700000	1	6.875	20354800	20.0
2-Propanol, 1-(...	6.722	16.7	ng	16976000	1	6.875	20354800	20.0
Hexanoic acid, ...	8.063	1210.7	ng	226356000	2	8.157	3739410	20.0
Octanoic acid	8.228	55.2	ng	10327600	2	8.157	3739410	20.0
Heptanediamide,...	8.334	160.7	ng	30039300	2	8.157	3739410	20.0
Benzoic acid, 4...	8.804	42.9	ng	8023770	2	8.157	3739410	20.0
unknown9.051	9.051	23.5	ng	2694530	3	9.922	2293600	20.0
2(3H)-Furanone,...	9.186	51.4	ng	5898770	3	9.922	2293600	20.0
unknown9.569	9.569	112.5	ng	12896400	3	9.922	2293600	20.0
Ethanol, 2-[2-(...	9.757	486.7	ng	55815700	3	9.922	2293600	20.0
2,5,8,11-Tetrao...	9.998	29.6	ng	3391400	3	9.922	2293600	20.0
unknown10.133	10.133	123.6	ng	14178900	3	9.922	2293600	20.0
Ethanol, 2-[2-(...	10.181	24.9	ng	2858290	3	9.922	2293600	20.0
unknown10.210	10.210	24.4	ng	2793090	3	9.922	2293600	20.0
Nonanedioic aci...	10.298	27.9	ng	3196000	3	9.922	2293600	20.0
6-Undecanol	10.339	22.4	ng	2566710	3	9.922	2293600	20.0
3,5-Dimethyldod...	10.351	19.8	ng	2269340	3	9.922	2293600	20.0
3,6,9,12-Tetrao...	11.075	20.0	ng	35089100	4	11.416	35089100	20.0
9-Octadecenoic ...	12.704	12.8	ng	22427100	4	11.416	35089100	20.0
Octadecanoic acid	12.763	14.4	ng	4020760	5	14.063	5568840	20.0