LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

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	16	rVB	275539	295228	4.96%	0.690%
2	5.457	570	573	590	rBV	379805	674284	11.34%	1.575%
3	5.781	622	628	631	rBV	1226754	1490666	25.06%	3.482%
4	6.475	743	746	763	rBV	282161	520627	8.75%	1.216%
5	6.593	763	766	779	rVV	1555184	1543439	25.95%	3.605%
6	6.816	800	804	812	rBV	525673	525480	8.83%	1.227%
7	6.881	812	815	826	rVB	84645	99348	1.67%	0.232%
8	6.969	826	830	853	rBV	2756234	3053086	51.33%	7.131%
9	7.387	896	901	910	rBV	1566000	1747782	29.39%	4.082%
10	7.640	940	944	952	rVB	68160	85025	1.43%	0.199%
11	7.875	980	984	999	rBV	96507	163081	2.74%	0.381%
12	8.098	1018	1022	1035	rVB	660676	700344	11.77%	1.636%
13	8.392	1067	1072	1080	rVB2	41475	60264	1.01%	0.141%
14	9.028	1177	1180	1192	rBV	93306	122149	2.05%	0.285%
15	9.169	1198	1204	1207	rBV	3898398	3401954	57.20%	7.946%
16	9.563	1266	1271	1275	rBV	244778	217404	3.66%	0.508%
17	9.845	1314	1319	1330	rVB2	825847	922121	15.50%	2.154%
18	10.098	1351	1362	1366	rBV	1096423	1869494	31.43%	4.367%
19	10.139	1366	1369	1375	rVB2	55845	78910	1.33%	0.184%
20	10.345	1399	1404	1407	rBV	1011385	804810	13.53%	1.880%
21	10.645	1451	1455	1465	rBV	1399878	1484696	24.96%	3.468%
22	11.010	1513	1517	1527	rBV	609670	648723	10.91%	1.515%
23	11.139	1530	1539	1542	rBV	2791767	2651363	44.58%	6.193%
24	11.339	1569	1573	1581	rBV	868046	802483	13.49%	1.874%
25	11.486	1594	1598	1603	rVB	281724	229546	3.86%	0.536%
26	11.557	1607	1610	1616	rVV	54981	70467	1.18%	0.165%
27	11.863	1658	1662	1668	rBV2	386926	472865	7.95%	1.105%
28	12.427	1750	1758	1761	rBV	5723231	5947795	100.00%	13.893%
29	12.563	1774	1781	1791	rBV2	682138	985449	16.57%	2.302%
30	12.639	1791	1794	1803	rVV	137198	220400	3.71%	0.515%
31	12.710	1803	1806	1814	rVB	365959	310903	5.23%	0.726%
32	12.916	1836	1841	1844	rBV	2479407	2391689	40.21%	5.586%
33	13.404	1915	1924	1930	rBV9	23960	61261	1.03%	0.143%
34	13.751	1978	1983	1986	rBV	95583	117535	1.98%	0.275%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.786	1986	1989	1999	rVV	138151	181721	3.06%	0.424%
36	13.916	2007	2011	2016	rVB	305129	264708	4.45%	0.618%
37	13.980	2016	2022	2028	rBV	564686	613347	10.31%	1.433%
38	14.045	2028	2033	2036	rBV	2495681	2148342	36.12%	5.018%
39	14.269	2067	2071	2078	rBV3	75994	123770	2.08%	0.289%
40	14.410	2090	2095	2098	rBV	68432	75550	1.27%	0.176%
41	14.704	2139	2145	2149	rBV2	107106	171804	2.89%	0.401%
42	15.033	2198	2201	2211	rVB2	91946	133206	2.24%	0.311%
43	15.121	2211	2216	2230	rBV	141802	266644	4.48%	0.623%
44	15.398	2256	2263	2267	rBV2	85230	143781	2.42%	0.336%
45	15.451	2267	2272	2284	rVB	316591	485311	8.16%	1.134%
46	15.592	2290	2296	2301	rVB	896136	1202763	20.22%	2.809%
47	15.674	2305	2310	2322	rBV	65334	150012	2.52%	0.350%
48	15.821	2330	2335	2340	rVB2	71496	103410	1.74%	0.242%
49	15.886	2340	2346	2349	rBV5	29015	65069	1.09%	0.152%
50	16.280	2408	2413	2428	rVB4	169210	468521	7.88%	1.094%
51	17.109	2549	2554	2565	rBV5	28602	84710	1.42%	0.198%
52	17.351	2589	2595	2602	rVB2	41494	93551	1.57%	0.219%
53	18.039	2705	2712	2727	rBV2	115155	388348	6.53%	0.907%
54	18.256	2740	2749	2759	rVB	324109	877292	14.75%	2.049%

Sum of corrected areas: 42812531

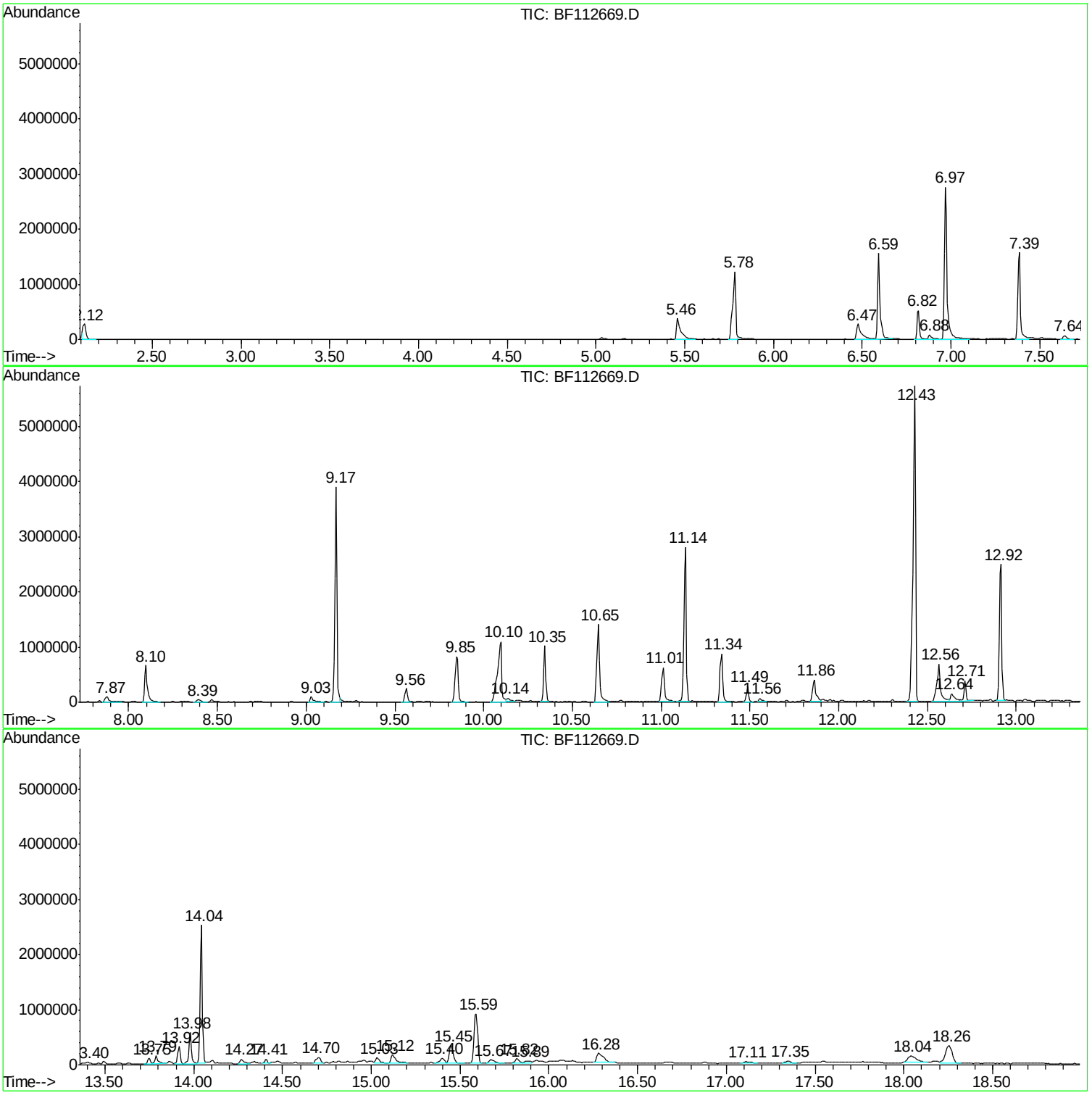
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

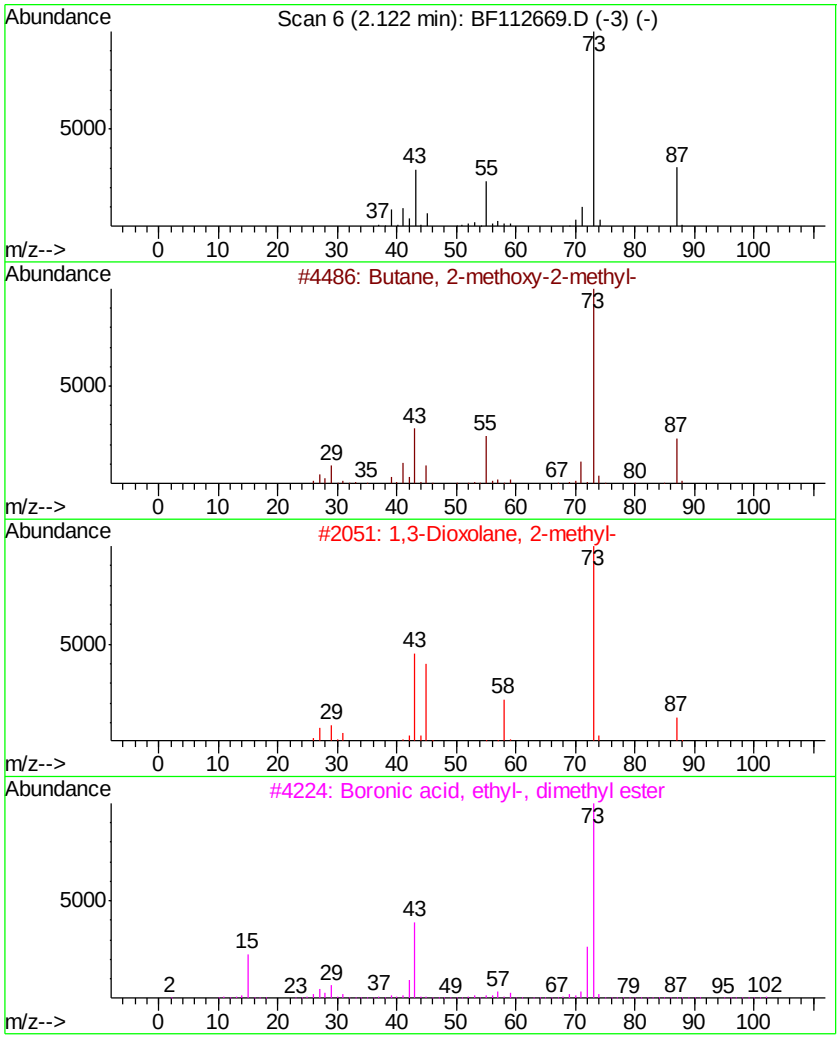
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

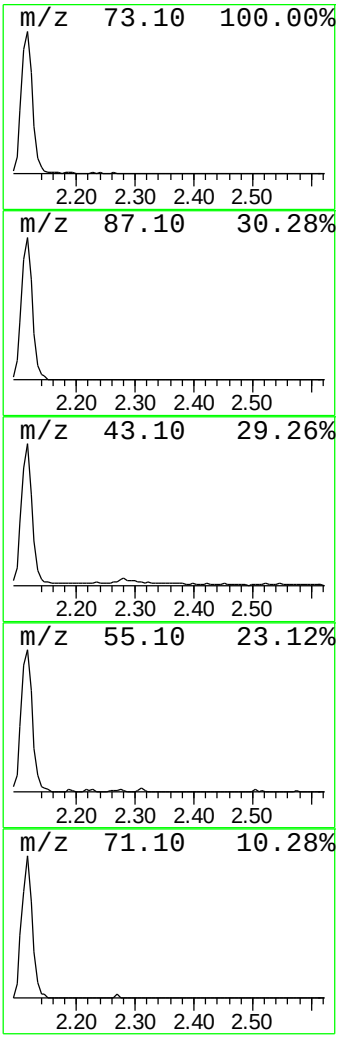
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	11.24 ng	295228	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
3	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

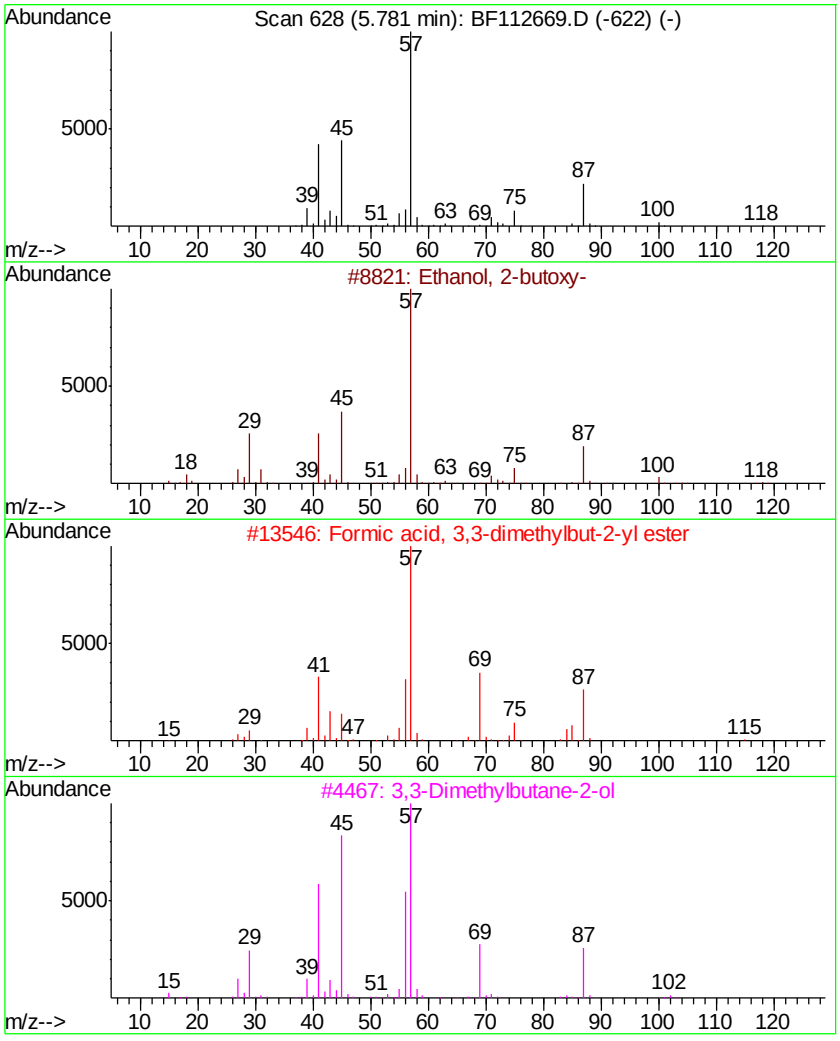
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

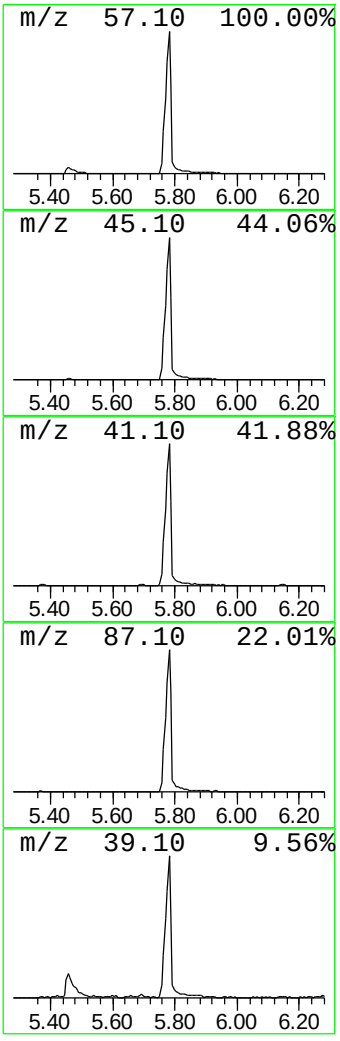
****

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	56.74 ng	1490670	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	56
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	45
4	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	25
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

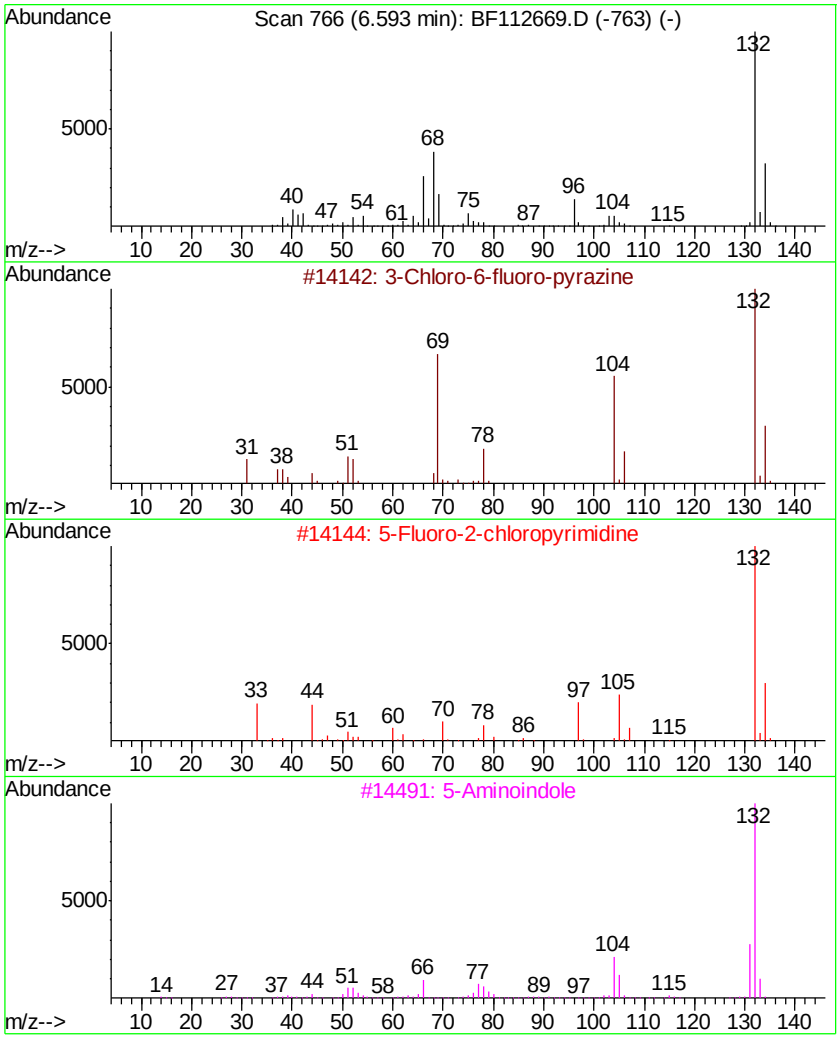
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

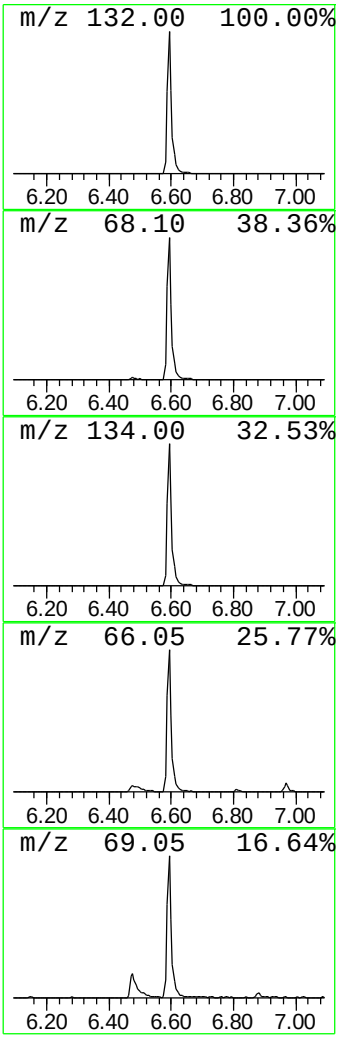
****

Peak Number 3 unknown6.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	58.74 ng	1543440	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

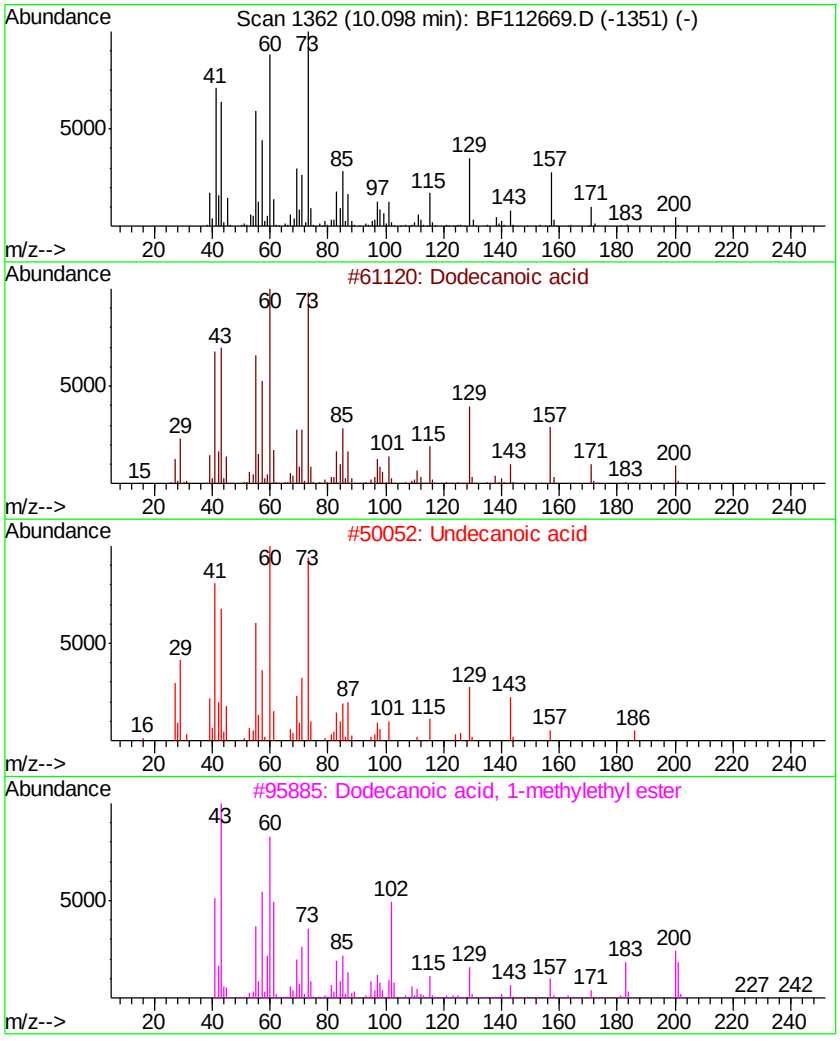
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

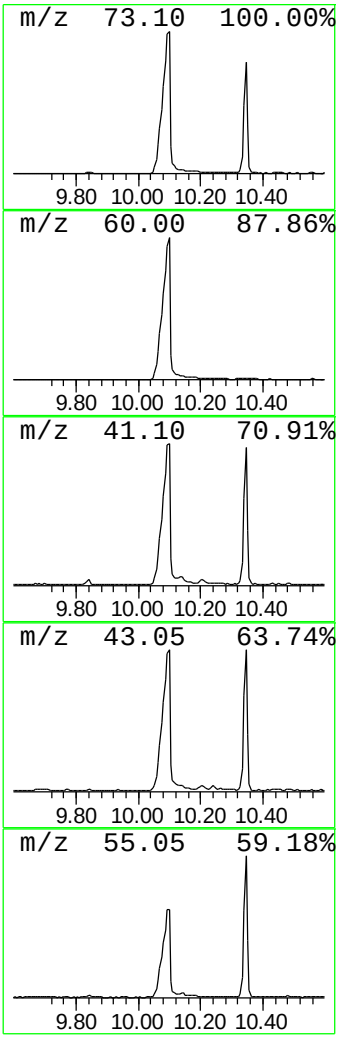
****

Peak Number 4 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	40.55 ng	1869490	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	64
3	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	64
4	Octanoic acid	144	C8H16O2	000124-07-2	52
5	Nonanoic acid	158	C9H18O2	000112-05-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

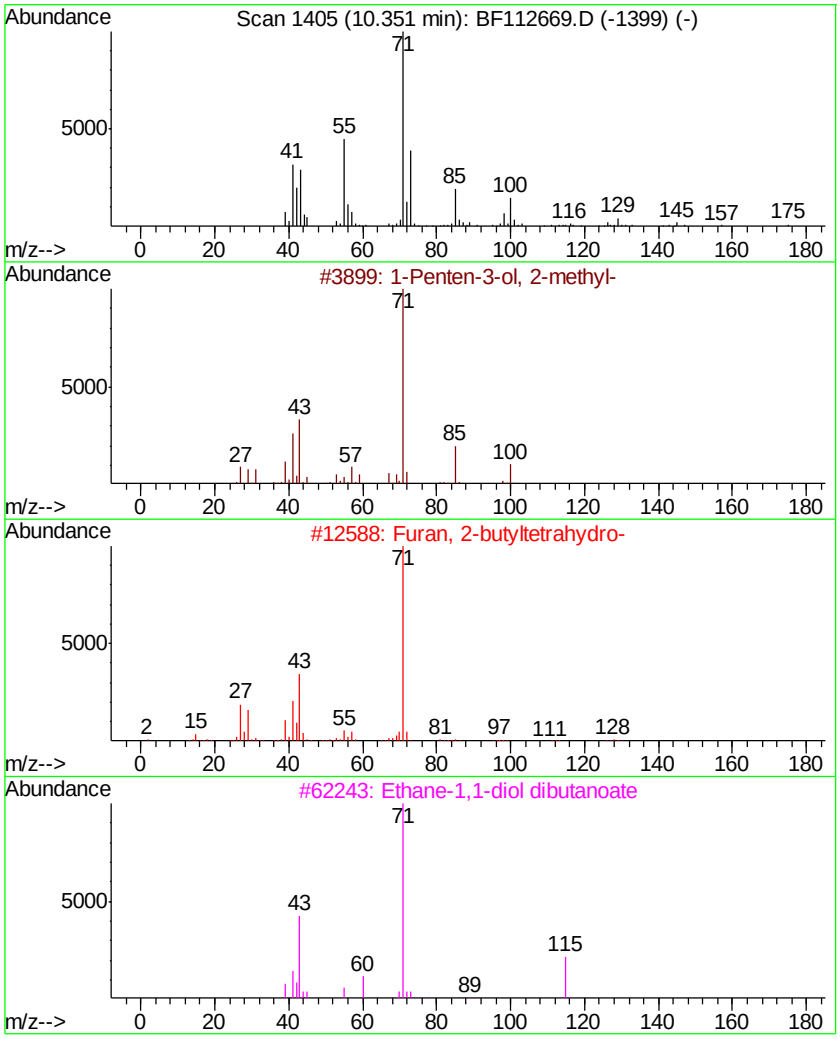
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

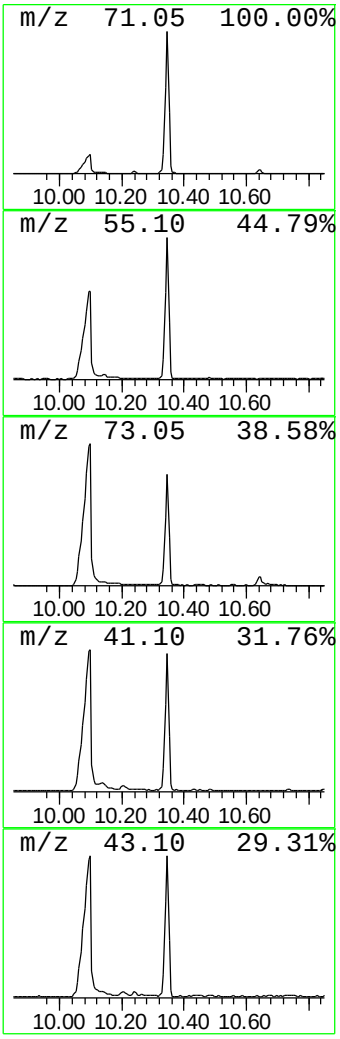
****

Peak Number 5 1-Penten-3-ol, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	17.46 ng	804810	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	50
2	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	47
3	Ethane-1,1-diol dibutanoate	202	C10H18O4	025572-25-2	43
4	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	43
5	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

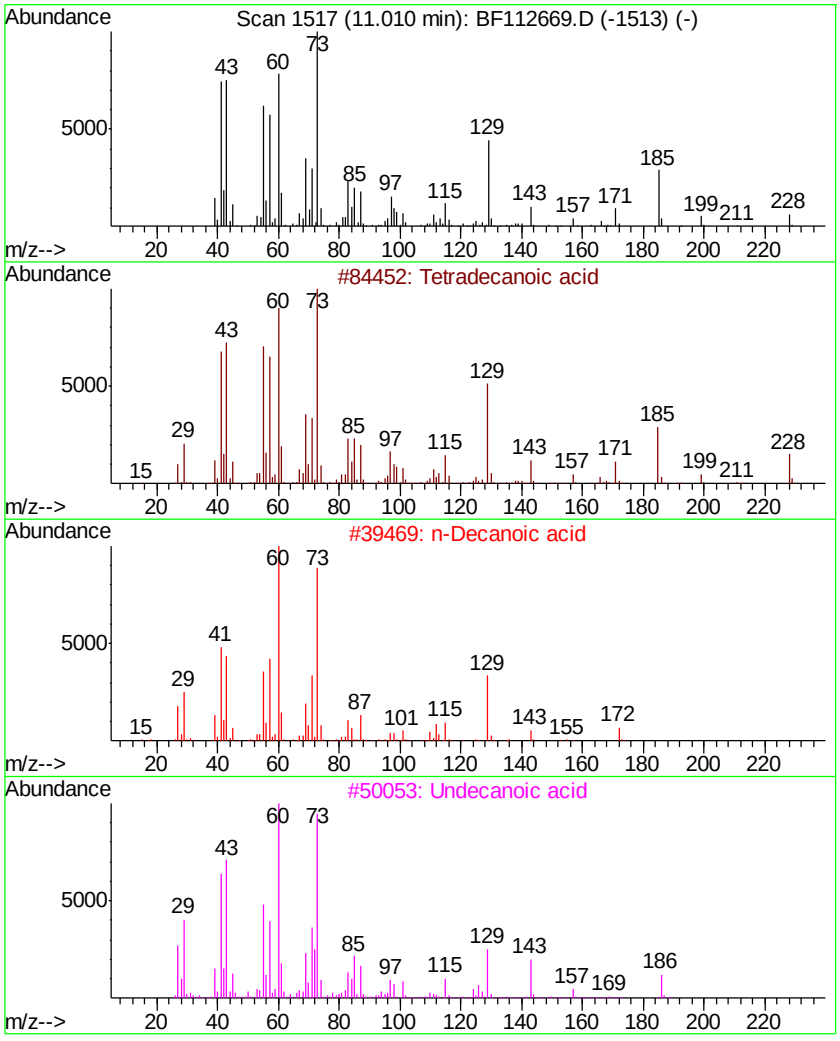
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

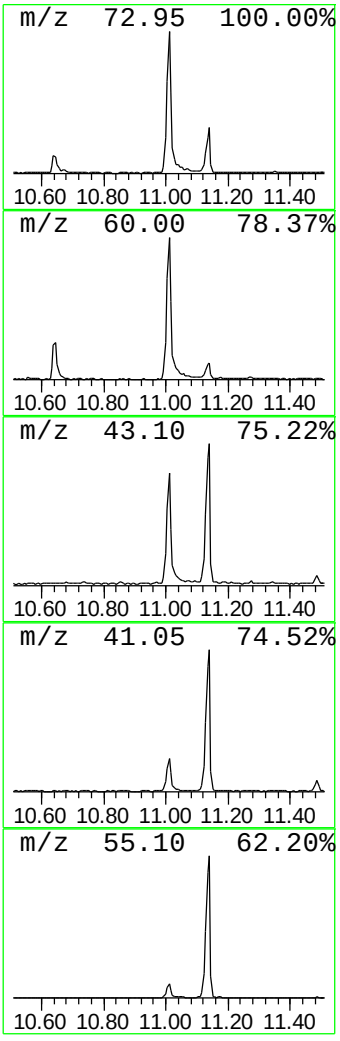
****

Peak Number 6 Tetradecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	16.17 ng	648723	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2	n-Decanoic acid	172	C10H20O2	000334-48-5	70
3	Undecanoic acid	186	C11H22O2	000112-37-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

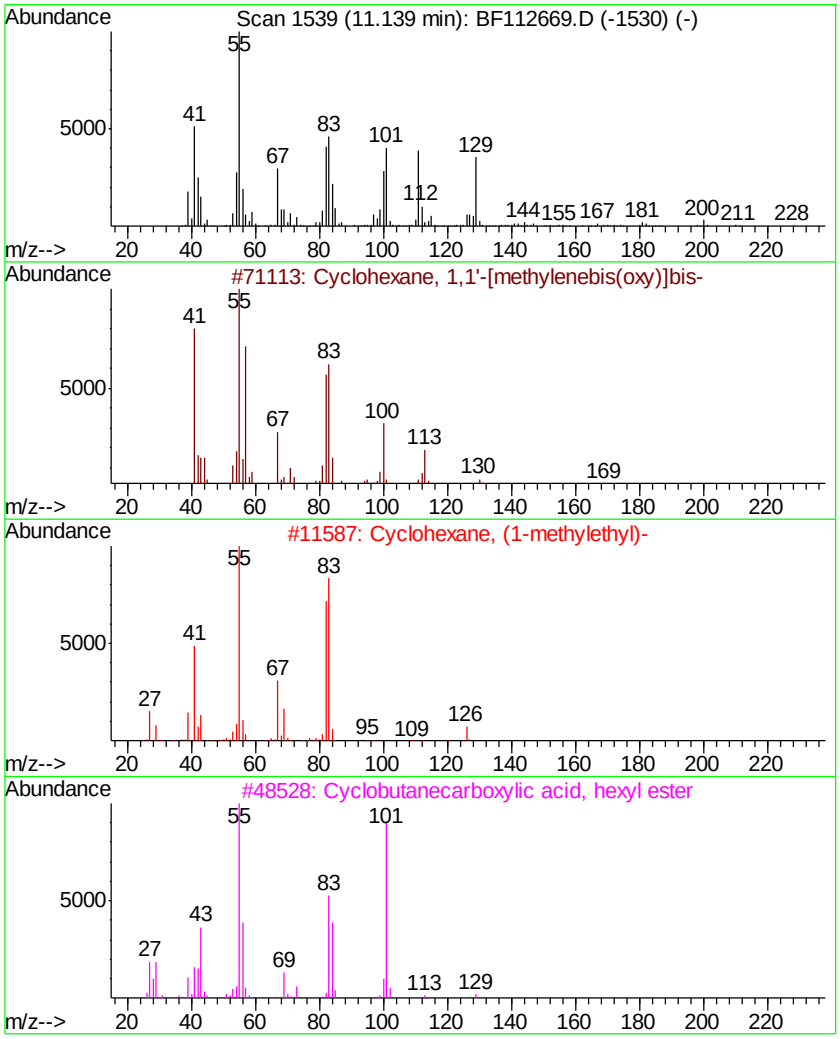
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

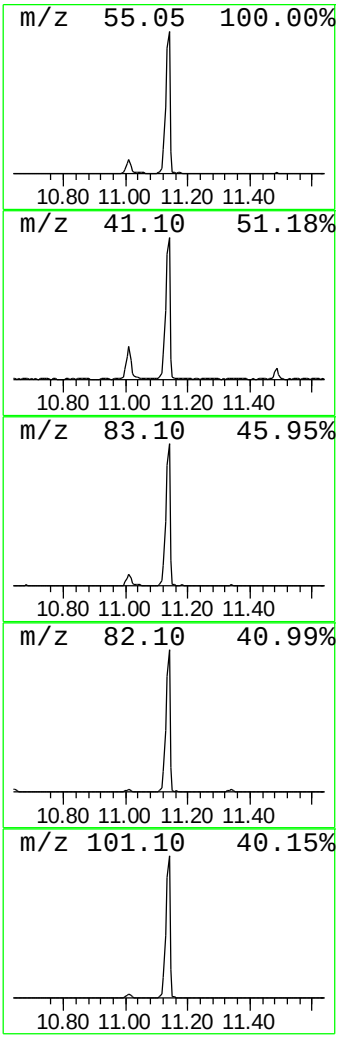
****

Peak Number 7 unknown11.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	66.08 ng	2651360	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-[methylenebis(...	212	C13H24O2	001453-21-0	35
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27
3	Cyclobutanecarboxylic acid, hexy...	184	C11H20O2	1000280-40-3	22
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	18
5	1-Azabicyclo[3.1.0]hexane	83	C5H9N	000285-76-7	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

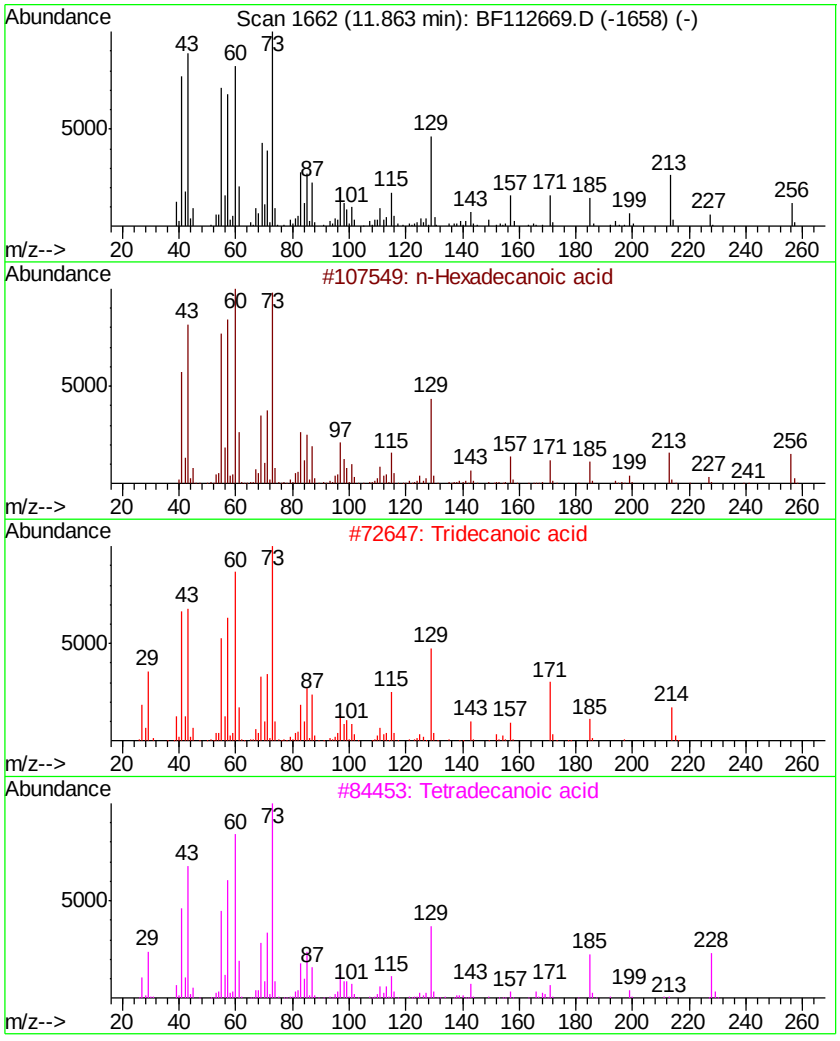
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

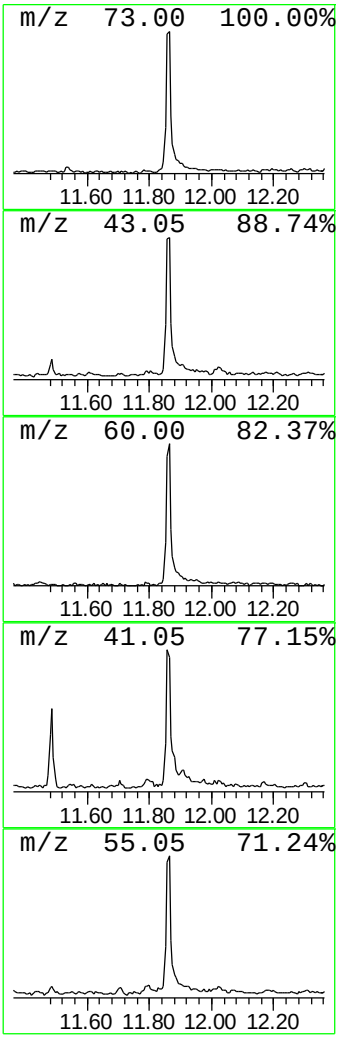
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	11.79 ng	472865	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

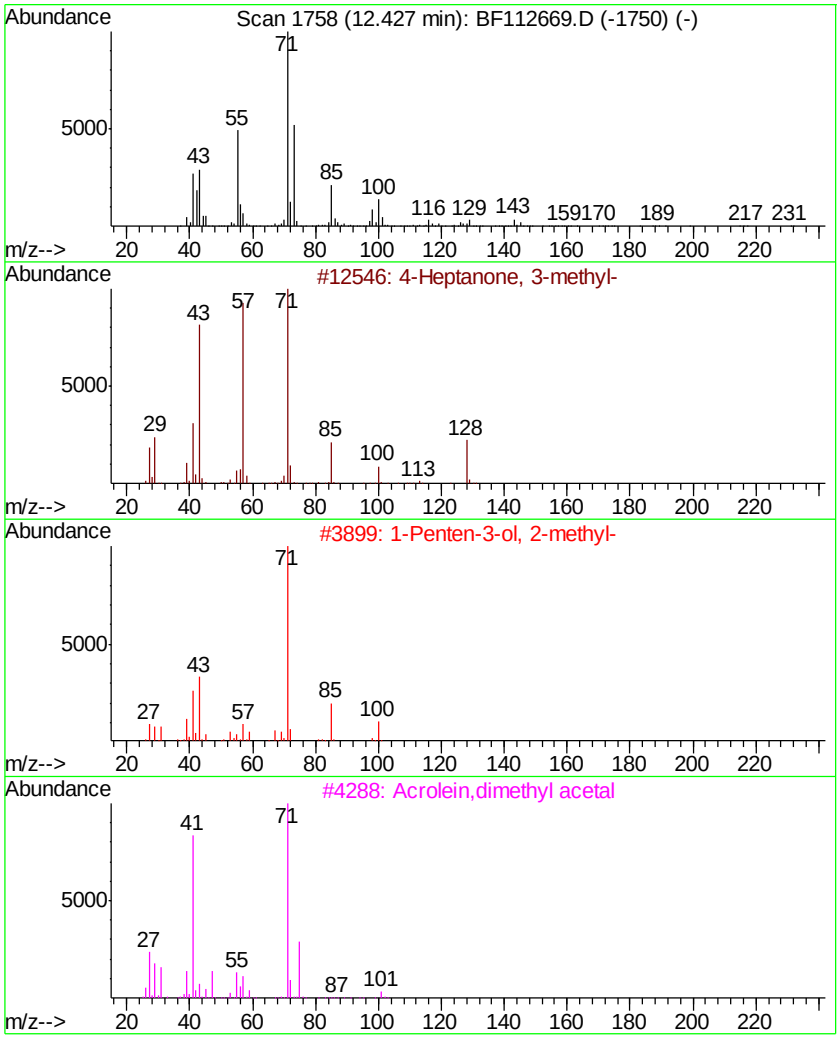
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

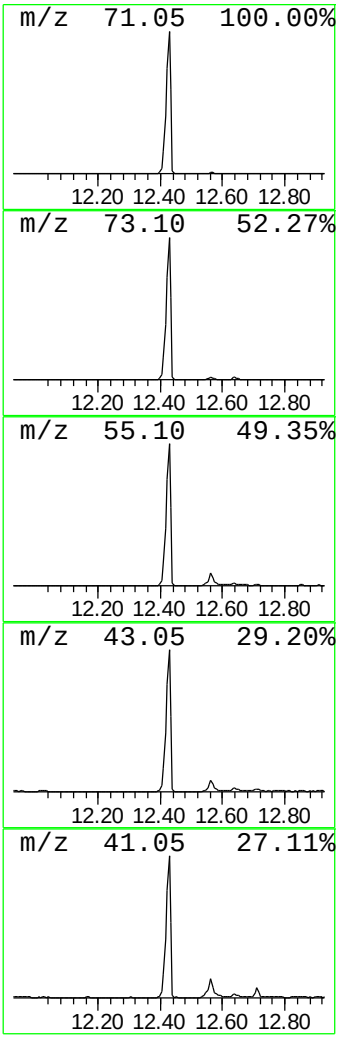
****

Peak Number 9 4-Heptanone, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	148.24 ng	5947800	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	64
2	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	64
3	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	50
4	Pantolactone	130	C6H10O3	000599-04-2	40
5	2,4-Dimethylcyclopentanol	114	C7H14O	089794-28-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

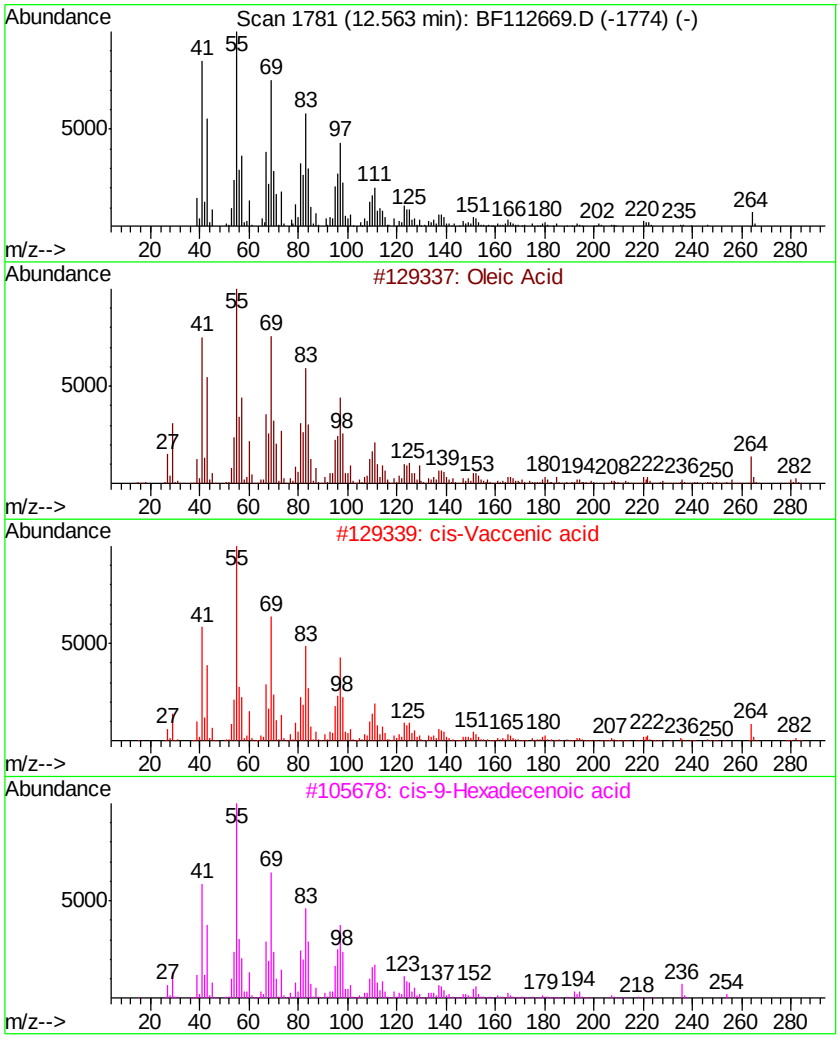
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

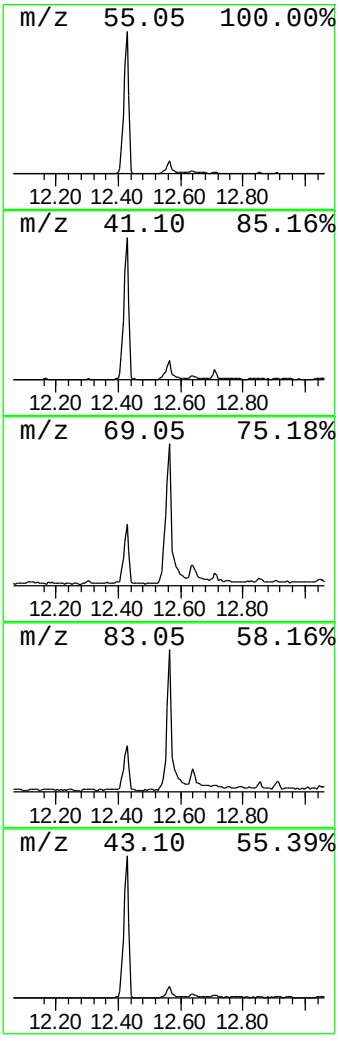
****

Peak Number 10 Oleic Acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	24.56 ng	985449	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	87
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	86
3	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	86
4	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	76
5	Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

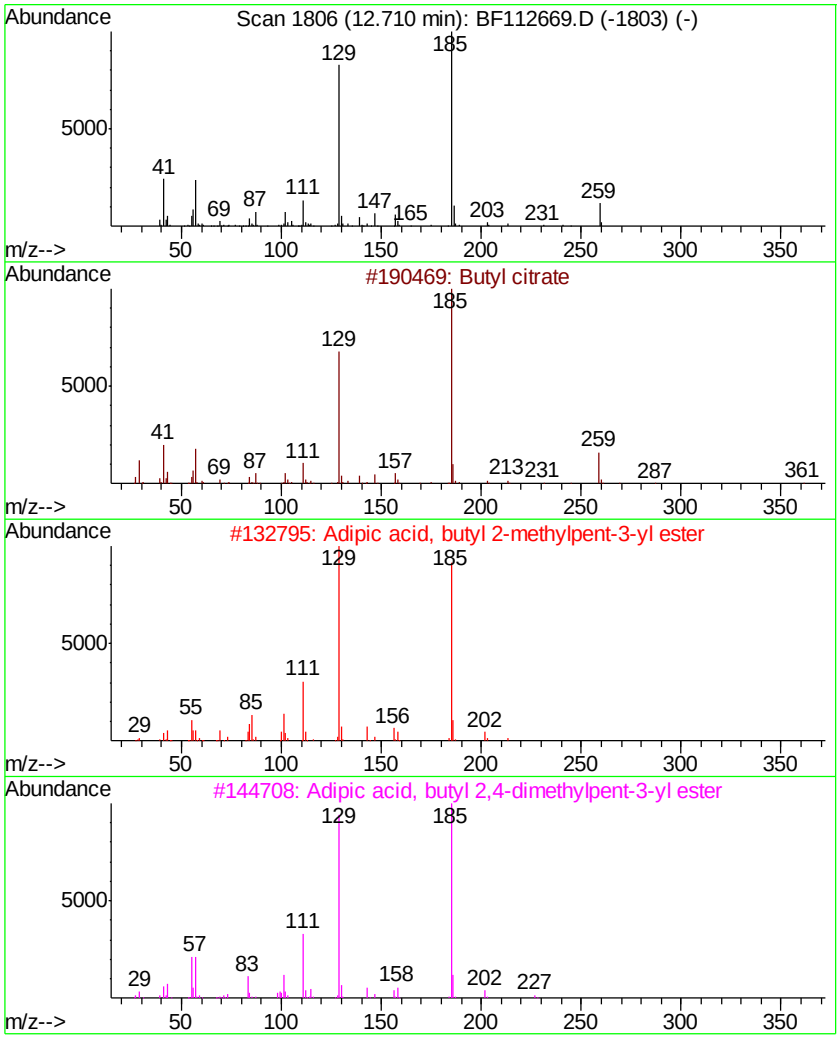
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

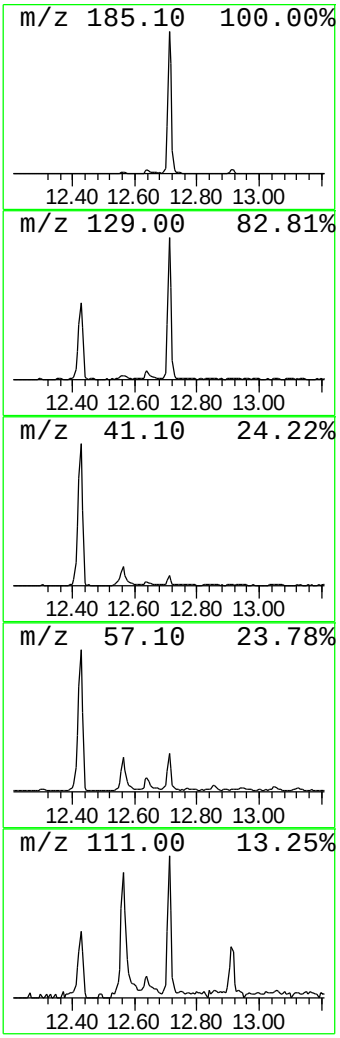
****

Peak Number 11 Butyl citrate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	10.14 ng	310903	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Adipic acid, butyl 2-methylpent-...	286	C16H30O4	1000353-55-8	72
3	Adipic acid, butyl 2,4-dimethylp...	300	C17H32O4	1000349-77-7	72
4	Adipic acid, 2-decyl isobutyl ester	342	C20H38O4	1000353-59-6	64
5	Adipic acid, butyl 3-pentyl ester	272	C15H28O4	1000324-60-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

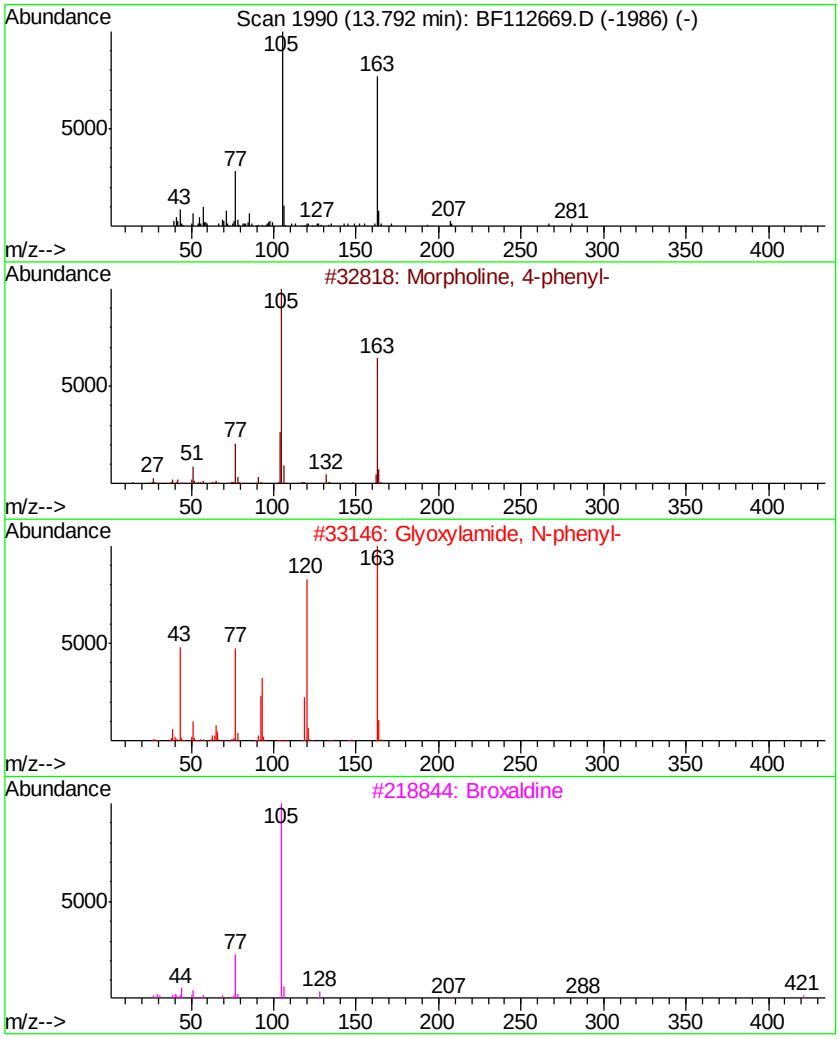
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

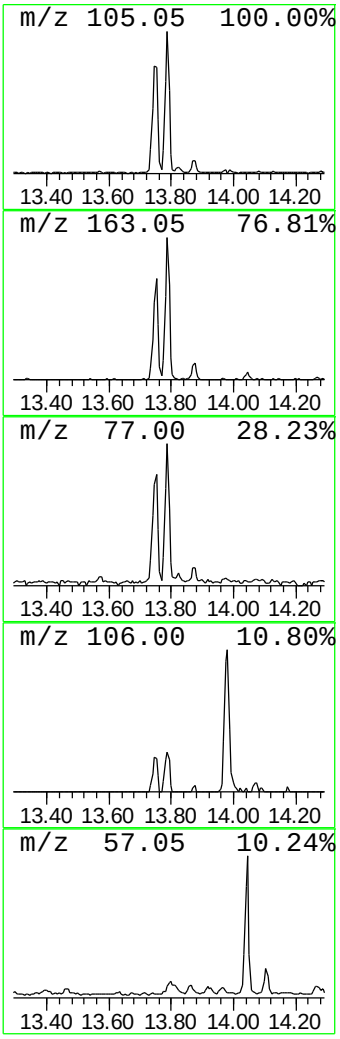
****

Peak Number 12 Morpholine, 4-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	5.93 ng	181721	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	59
2	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	47
3	Broxaldine	419	C17H11Br2NO2	003684-46-6	38
4	Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	35
5	Ethanone, 2-bromo-1,2-diphenyl-	274	C14H11BrO	001484-50-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

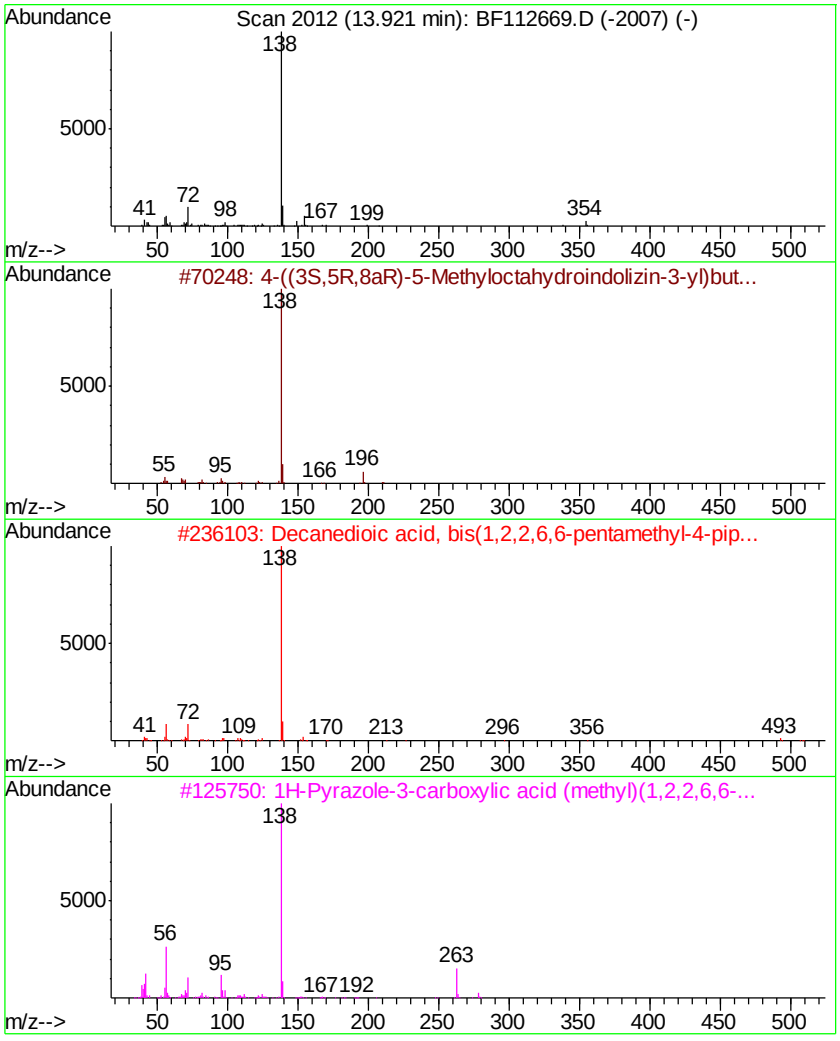
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

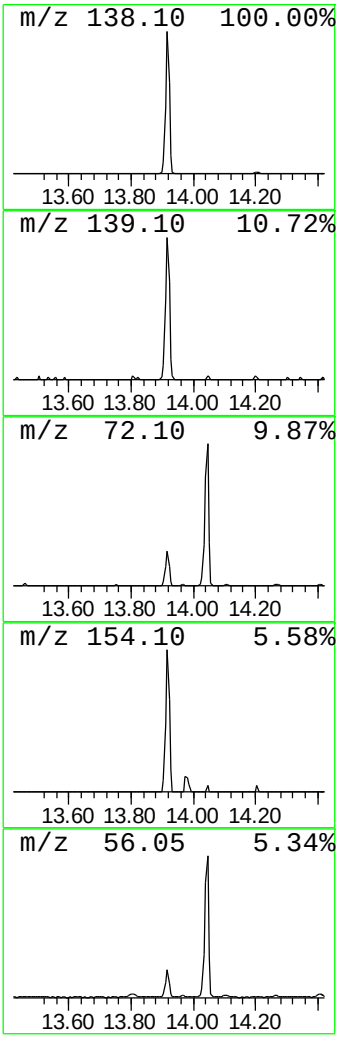
****

Peak Number 13 4-((3S,5R,8aR)-5-Methylocta... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	8.63 ng	264708	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-((3S,5R,8aR)-5-Methyloctahydro...	211	C13H25NO	1000367-27-5	59
2	Decanedioic acid, bis(1,2,2,6,6-...	508	C30H56N2O4	041556-26-7	56
3	1H-Pyrazole-3-carboxylic acid (m...	278	C15H26N4O	1000303-25-6	50
4	2-Ethylbutyric acid, 5-methyl-2-...	236	C14H20O3	1000371-24-7	45
5	Furan-2-carboxylic acid methyl-(...	278	C16H26N2O2	1000295-36-6	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

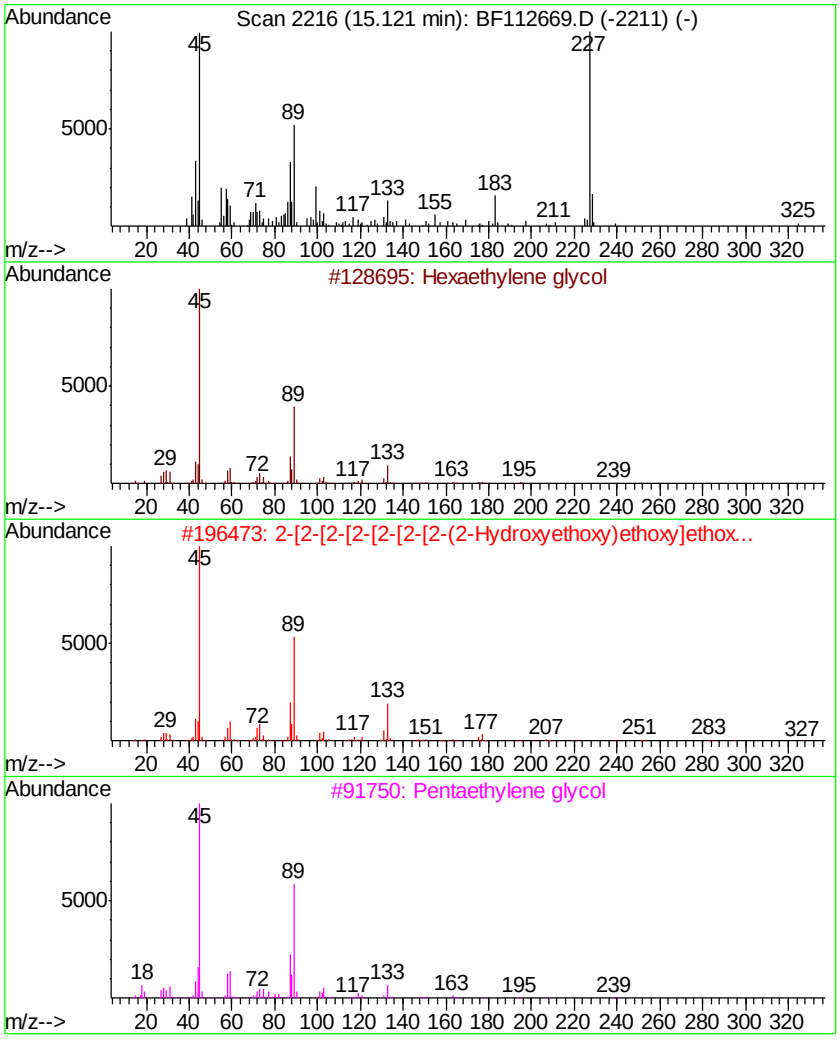
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

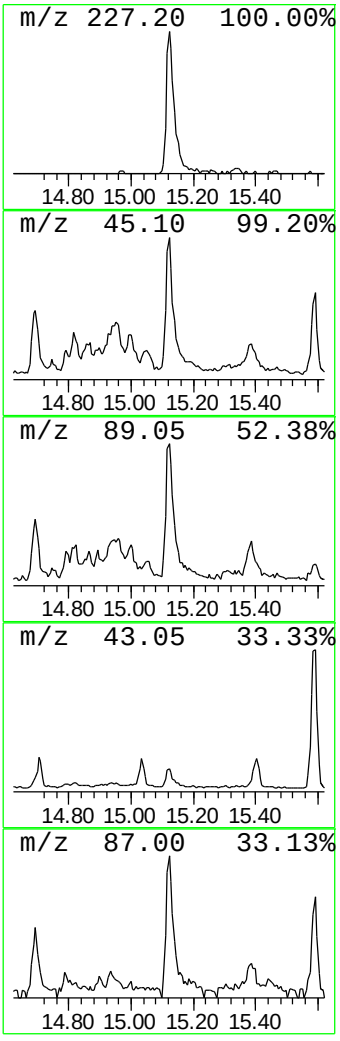
****

Peak Number 15 unknown15.12 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	10.99 ng	266644	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	45
2	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	43
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	43
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	43
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

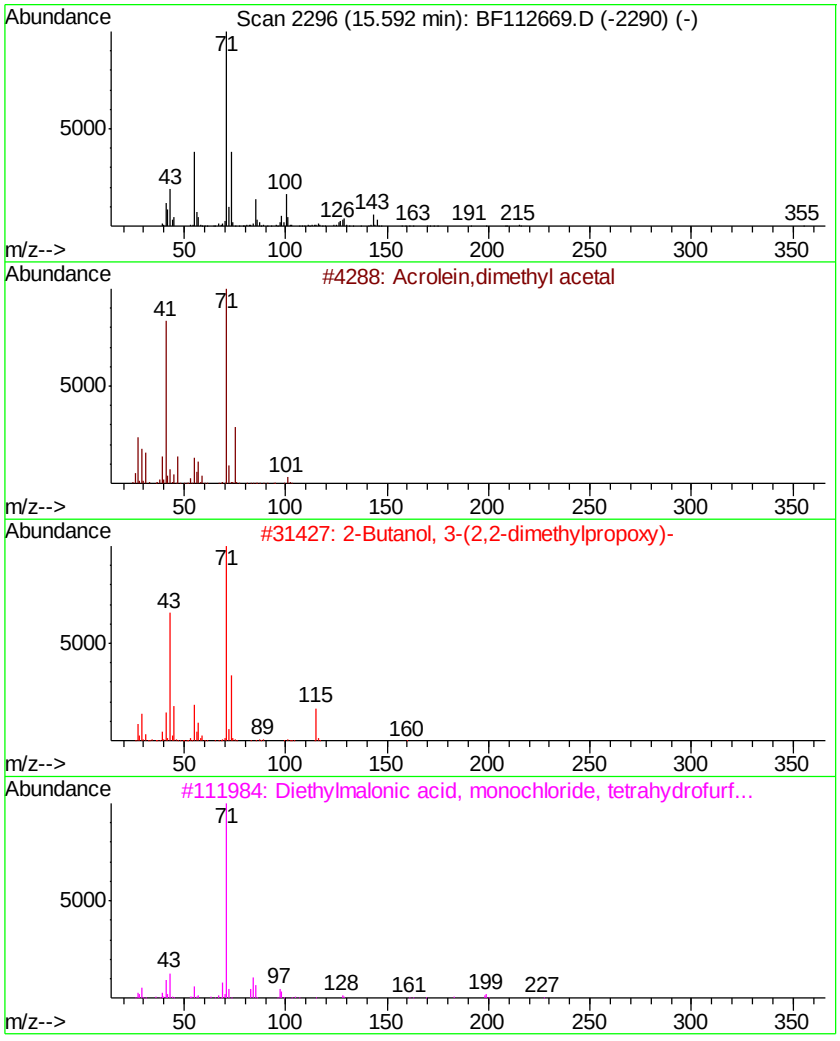
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

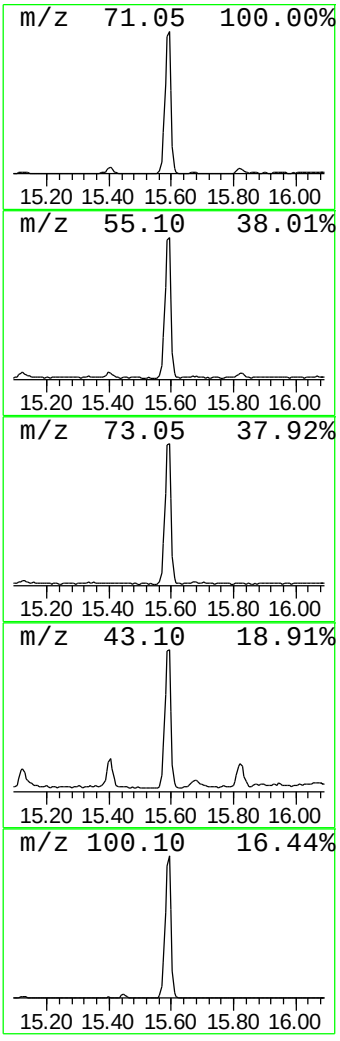
****

Peak Number 16 unknown15.59 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	49.57 ng	1202760	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	38
2	2-Butanol, 3-(2,2-dimethylpropoxy)-	160	C9H20O2	074793-66-1	36
3	Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	36
4	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	33
5	Glutaric acid, octyl tetrahydrof...	328	C18H32O5	1000359-66-4	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

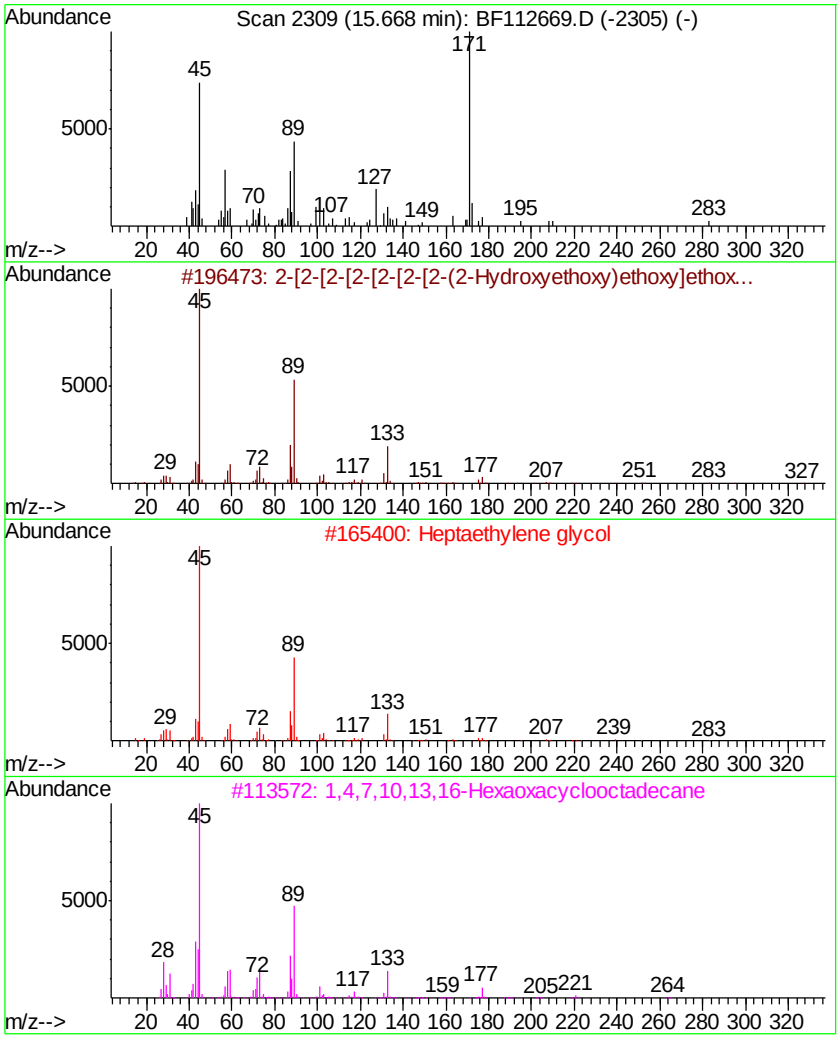
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

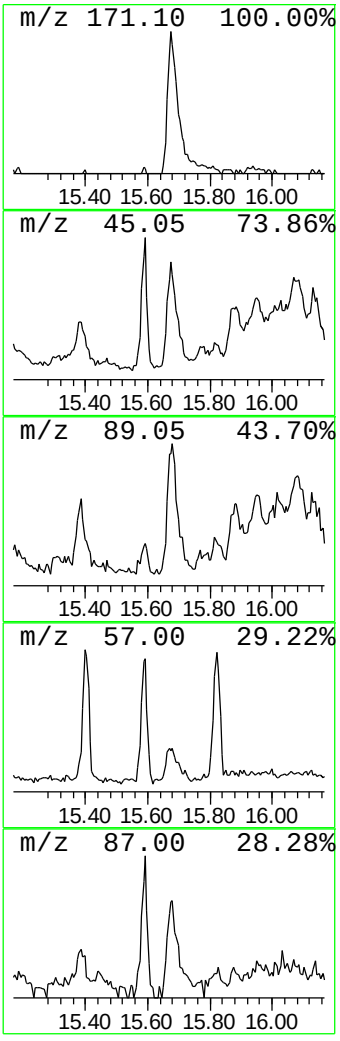
****

Peak Number 17 unknown15.67 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	6.18 ng	150012	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	43
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	43
3	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	43
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	43
5	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

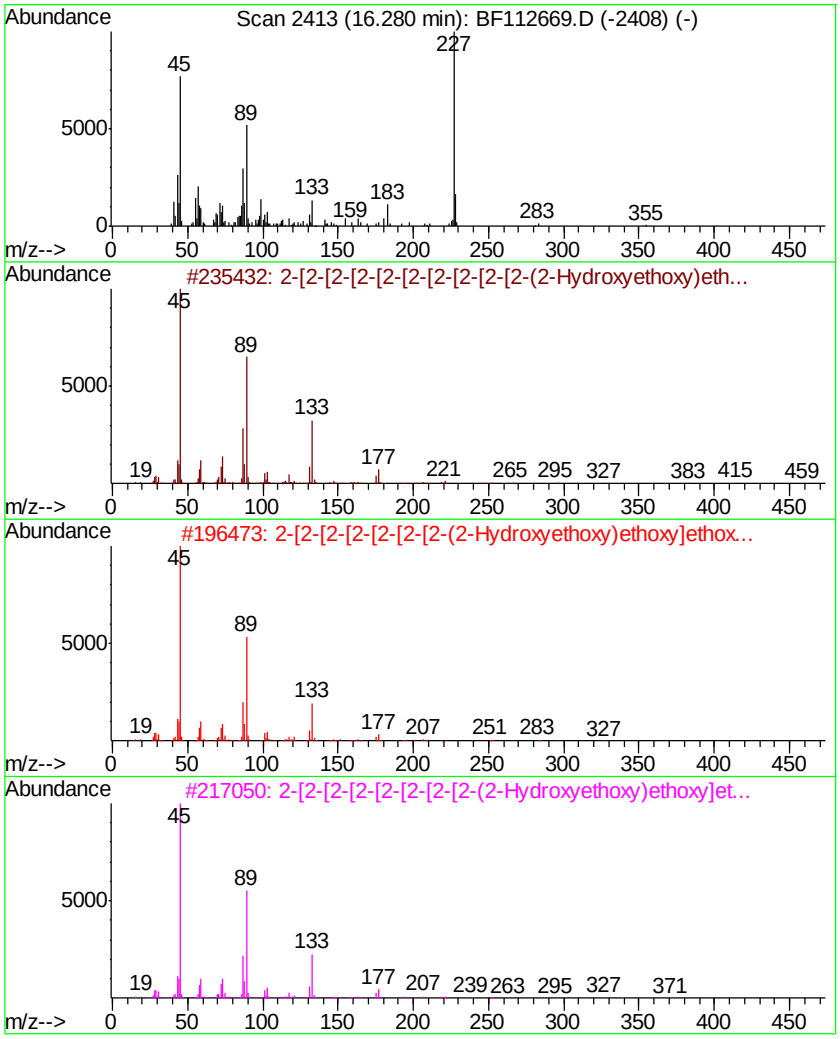
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

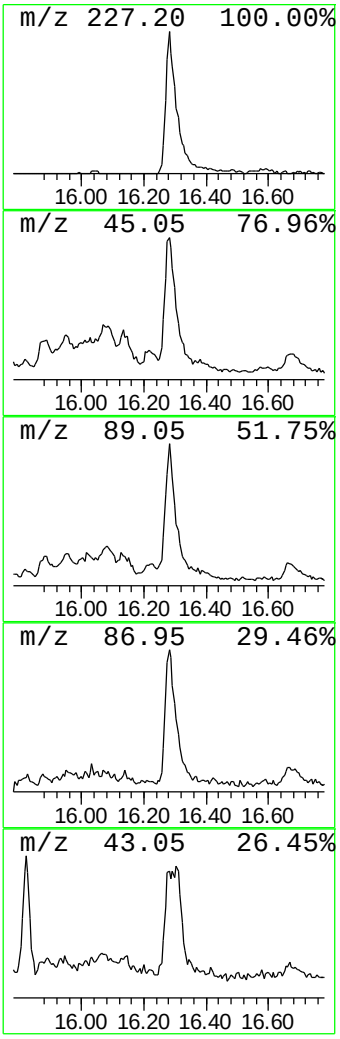
****

Peak Number 18 unknown16.28 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	19.31 ng	468521	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	49
2	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyvet...	370	C16H34O9	005117-19-1	46
3	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	46
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	46
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

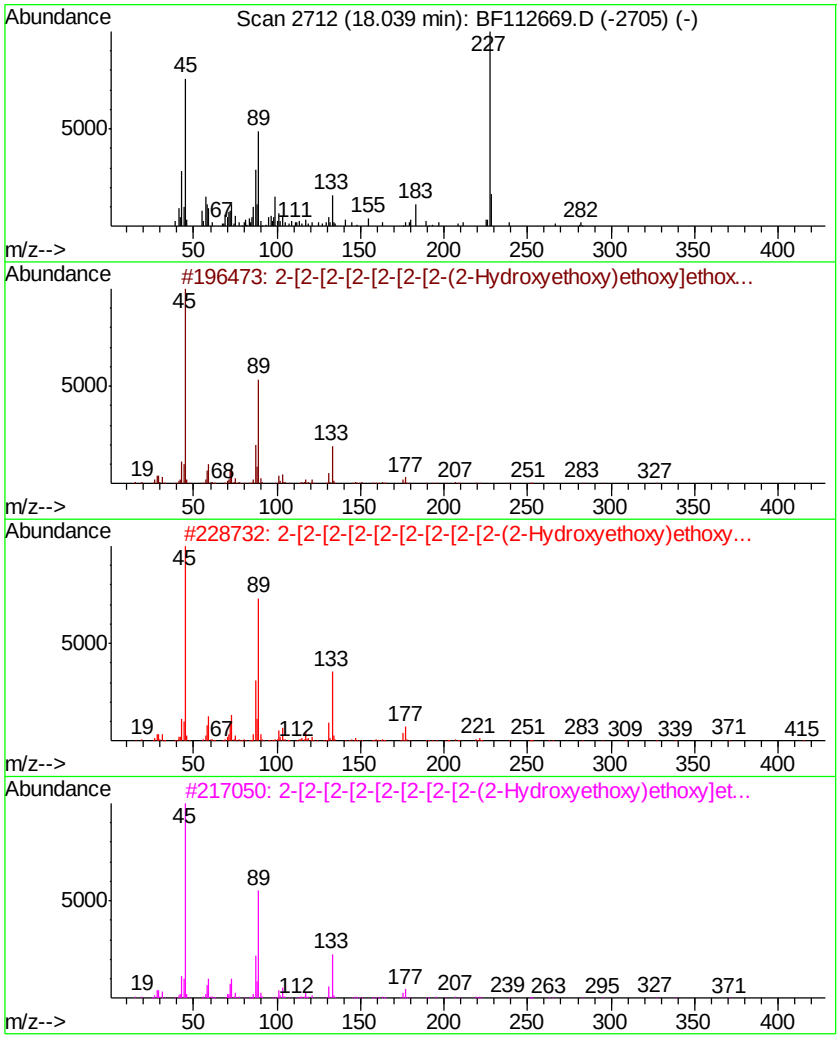
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

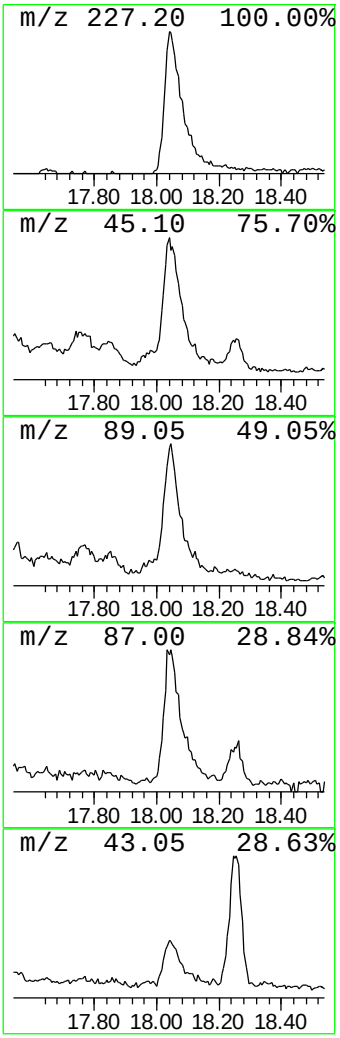
****

Peak Number 19 unknown18.04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	16.00 ng	388348	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydroxvet...	370	C16H34O9	005117-19-1	49
2	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	49
3	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	46
4	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	46
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

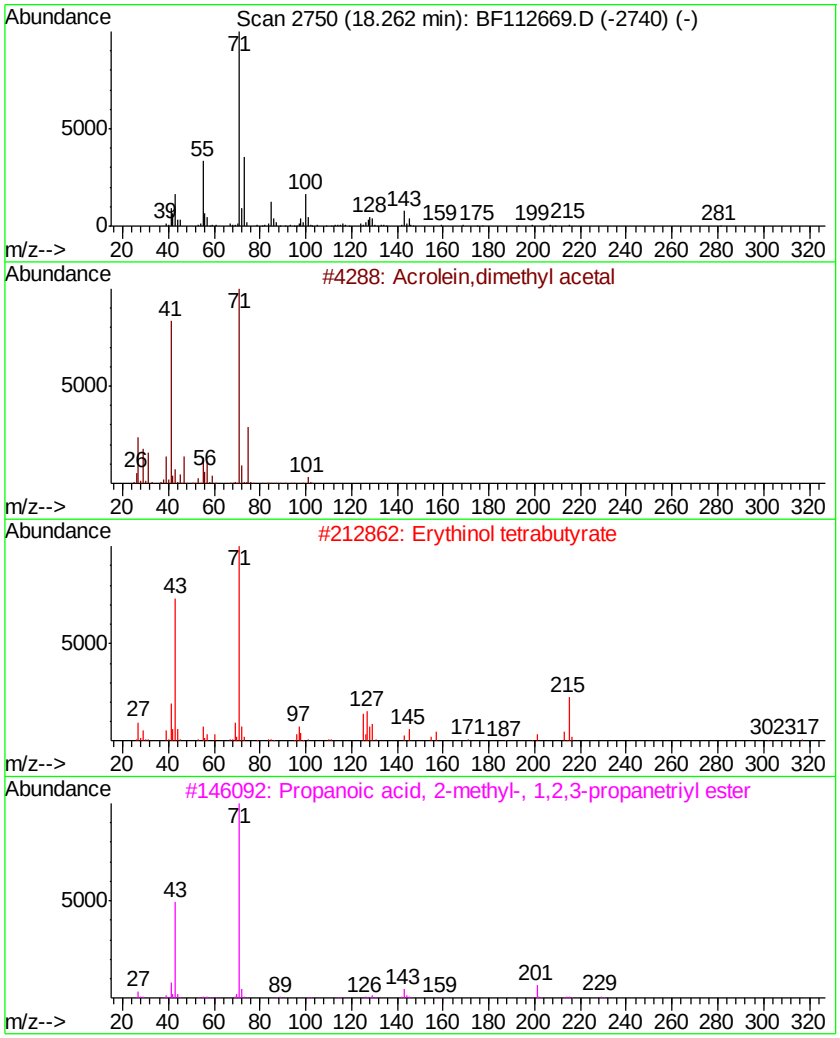
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

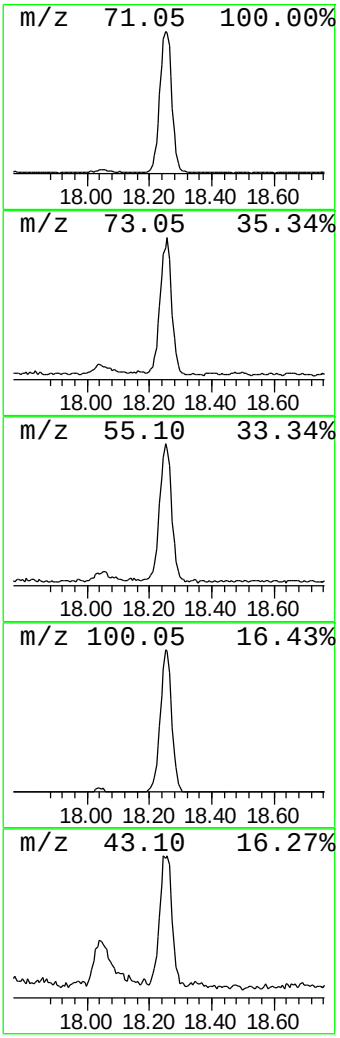
****

Peak Number 20 unknown18.26 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	36.15 ng	877292	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	47
2	Erythinol tetrabutyrate	402	C20H34O8	1000281-19-9	45
3	Propanoic acid, 2-methyl-, 1,2,3...	302	C15H26O6	014295-64-8	40
4	Glutaric acid, heptyl tetrahydro...	314	C17H30O5	1000359-66-3	40
5	Glutaric acid, nonyl tetrahydrof...	342	C19H34O5	1000359-66-5	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
Data File : BF112669.D
Acq On : 22 Feb 2019 17:29
Operator : JU/SJ
Sample : K1570-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 50-50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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-methoxy...	2.12	11.2	ng	295228	1	6.82	525480	20.0
Ethanol, 2-butoxy-	5.78	56.7	ng	1490670	1	6.82	525480	20.0
unknown6.59	6.59	58.7	ng	1543440	1	6.82	525480	20.0
Dodecanoic acid	10.10	40.5	ng	1869490	3	9.85	922121	20.0
1-Penten-3-ol, 2-...	10.35	17.5	ng	804810	3	9.85	922121	20.0
Tetradecanoic acid	11.01	16.2	ng	648723	4	11.34	802483	20.0
unknown11.14	11.14	66.1	ng	2651360	4	11.34	802483	20.0
n-Hexadecanoic acid	11.86	11.8	ng	472865	4	11.34	802483	20.0
4-Heptanone, 3-me...	12.43	148.2	ng	5947800	4	11.34	802483	20.0
Oleic Acid	12.56	24.6	ng	985449	4	11.34	802483	20.0
Butyl citrate	12.71	10.1	ng	310903	5	13.98	613347	20.0
Morpholine, 4-phe...	13.79	5.9	ng	181721	5	13.98	613347	20.0
4-((3S,5R,8aR)-5-...	13.92	8.6	ng	264708	5	13.98	613347	20.0
unknown15.12	15.12	11.0	ng	266644	6	15.45	485311	20.0
unknown15.59	15.59	49.6	ng	1202760	6	15.45	485311	20.0
unknown15.67	15.67	6.2	ng	150012	6	15.45	485311	20.0
unknown16.28	16.28	19.3	ng	468521	6	15.45	485311	20.0
unknown18.04	18.04	16.0	ng	388348	6	15.45	485311	20.0
unknown18.26	18.26	36.1	ng	877292	6	15.45	485311	20.0