LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	2.163	7	13	22	rVB	240870	320863	9.77%	0.928%
2	5.116	512	515	524	rBV	79872	112682	3.43%	0.326%
3	5.504	576	581	600	rBV	2925892	3254110	99.08%	9.416%
4	6.510	747	752	771	rBV	2930088	3284295	100.00%	9.504%
5	6.645	771	775	778	rBV	3260439	3055102	93.02%	8.841%
6	6.875	810	814	820	rBV	933613	867192	26.40%	2.509%
7	7.028	836	840	844	rBV	2524563	2375920	72.34%	6.875%
8	7.439	905	910	921	rBV	2105035	2146951	65.37%	6.213%
9	8.157	1028	1032	1048	rBV	1198302	1211337	36.88%	3.505%
10	9.228	1210	1214	1224	rBV	2915717	3105229	94.55%	8.986%
11	9.298	1224	1226	1230	rVB	60788	52281	1.59%	0.151%
12	9.627	1276	1282	1289	rBV	190231	243152	7.40%	0.704%
13	9.827	1313	1316	1320	rBV	154978	127852	3.89%	0.370%
14	9.916	1327	1331	1344	rVB	1256596	1266896	38.57%	3.666%
15	10.151	1368	1371	1375	rVB2	35589	36699	1.12%	0.106%
16	10.327	1398	1401	1404	rVB	219736	170623	5.20%	0.494%
17	10.545	1433	1438	1441	rBV	56444	71712	2.18%	0.208%
18	10.710	1461	1466	1475	rBV	1781372	1926722	58.66%	5.575%
19	10.804	1479	1482	1488	rVB	164943	167764	5.11%	0.485%
20	10.951	1504	1507	1512	rBV	46466	41124	1.25%	0.119%
21	11.251	1555	1558	1561	rBV	83636	71008	2.16%	0.205%
22	11.404	1580	1584	1587	rBV	1198954	1199386	36.52%	3.471%
23	11.427	1587	1588	1593	rVB	232575	185358	5.64%	0.536%
24	11.921	1668	1672	1681	rBV3	187090	268506	8.18%	0.777%
25	12.021	1686	1689	1692	rBV2	46221	47337	1.44%	0.137%
26	12.239	1723	1726	1732	rBV	48072	56963	1.73%	0.165%
27	12.551	1776	1779	1787	rVB2	34617	50434	1.54%	0.146%
28	12.621	1788	1791	1797	rBV	451701	440540	13.41%	1.275%
29	12.704	1800	1805	1810	rBV5	32622	51777	1.58%	0.150%
30	12.857	1824	1831	1836	rBV	404115	441267	13.44%	1.277%
31	12.992	1849	1854	1857	rBV	2599449	2512914	76.51%	7.272%
32	13.068	1864	1867	1872	rBV3	27327	41358	1.26%	0.120%
33	13.180	1884	1886	1892	rVB2	48502	59531	1.81%	0.172%
34	13.286	1900	1904	1907	rBV2	38024	50159	1.53%	0.145%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.698	1971	1974	1977	rBV	39276	37344	1.14%	0.108%
36	13.804	1989	1992	1995	rBV	46548	49012	1.49%	0.142%
37	13.868	1999	2003	2008	rVV4	181357	250689	7.63%	0.725%
38	13.910	2008	2010	2016	rVB2	46391	53257	1.62%	0.154%
39	14.010	2024	2027	2031	rBV	1659105	1626104	49.51%	4.705%
40	14.057	2031	2035	2038	rVV2	921943	1041307	31.71%	3.013%
41	14.080	2038	2039	2044	rVB	182513	162112	4.94%	0.469%
42	14.504	2106	2111	2117	rBV5	46149	85286	2.60%	0.247%
43	14.892	2174	2177	2181	rVB	51696	60522	1.84%	0.175%
44	14.962	2187	2189	2195	rVB6	40467	42599	1.30%	0.123%
45	15.127	2212	2217	2219	rBV	147086	217414	6.62%	0.629%
46	15.151	2219	2221	2225	rVB2	110233	133240	4.06%	0.386%
47	15.433	2266	2269	2275	rVB	87211	111644	3.40%	0.323%
48	15.504	2277	2281	2284	rVV	99370	132775	4.04%	0.384%
49	15.562	2286	2291	2304	rVB2	481291	757258	23.06%	2.191%
50	15.986	2358	2363	2369	rVB	140336	201523	6.14%	0.583%
51	17.103	2547	2553	2560	rVB3	91428	196259	5.98%	0.568%
52	17.562	2628	2631	2638	rVB2	42308	84315	2.57%	0.244%

Sum of corrected areas: 34557704

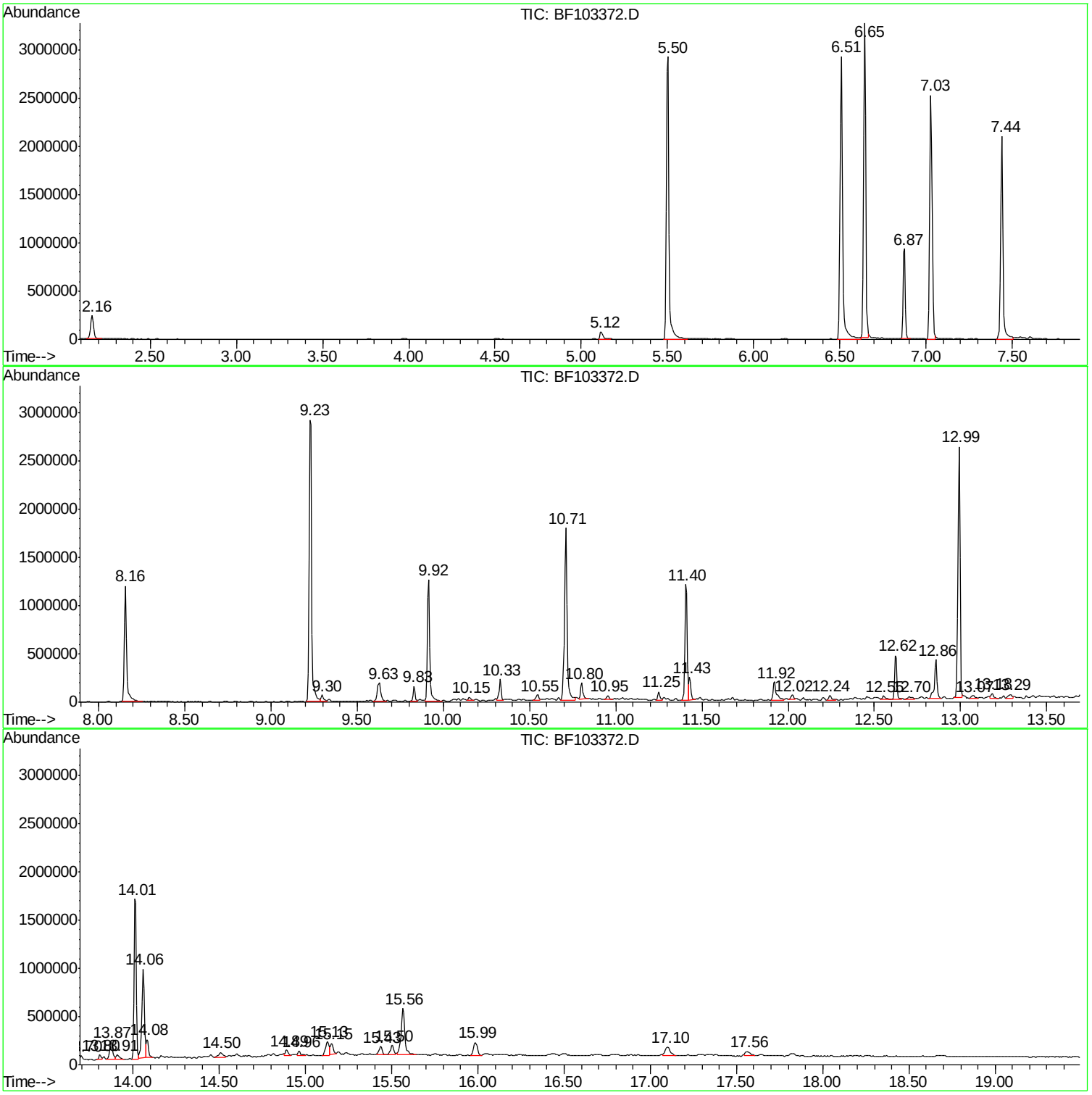
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

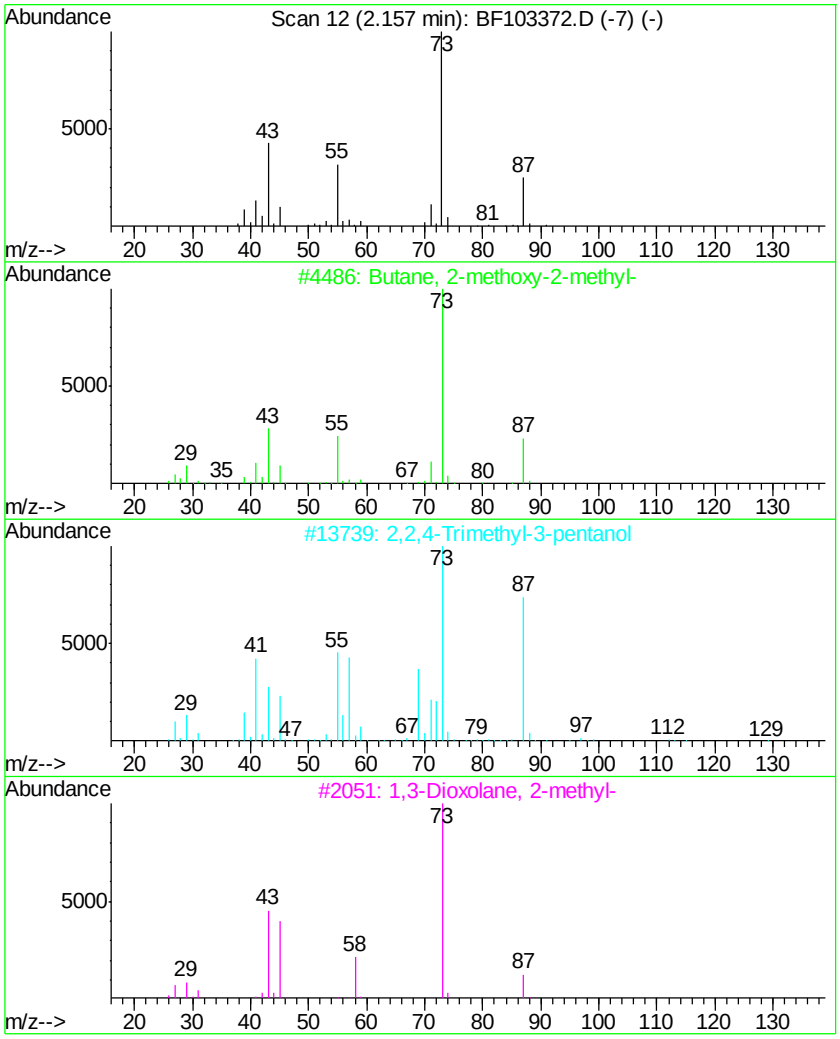
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

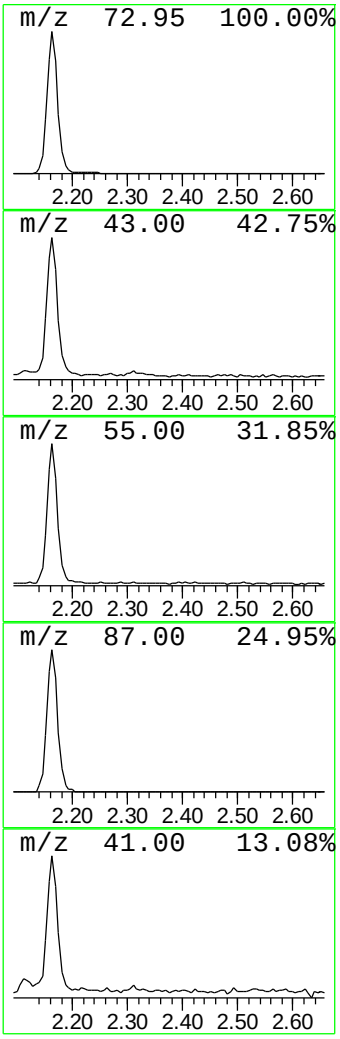
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	7.40 ng	320863	1,4-Dichlorobenzene-d4	6.87

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

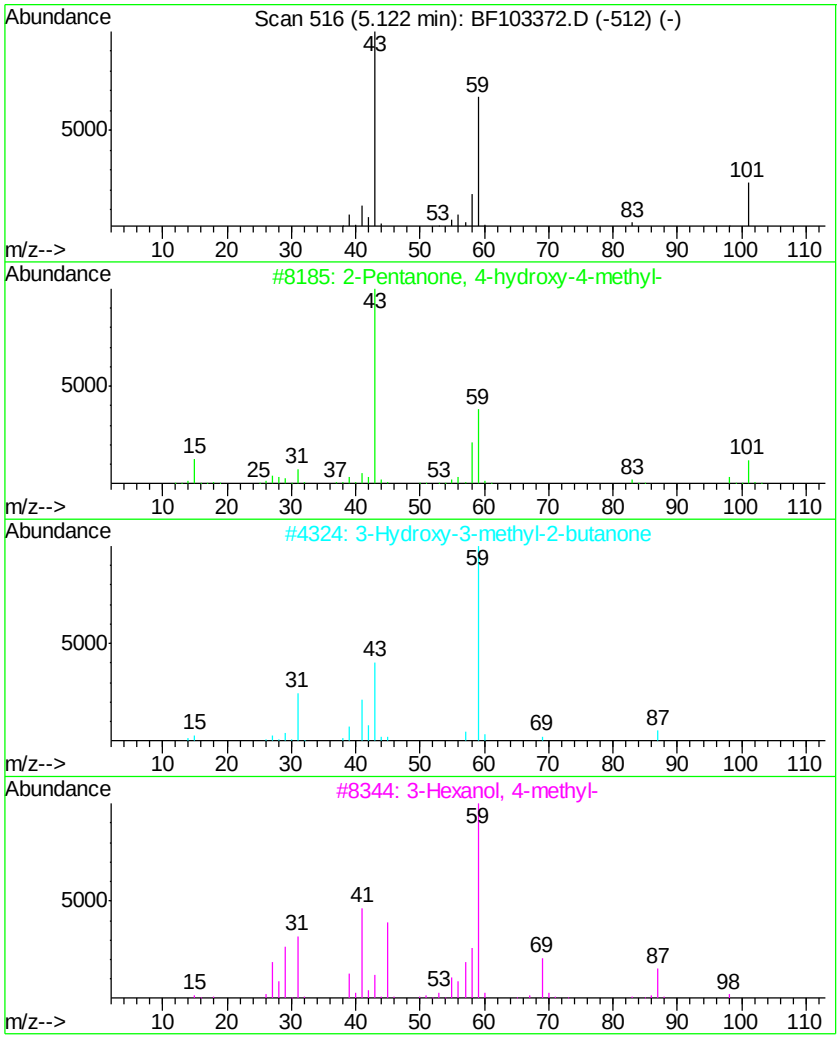
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

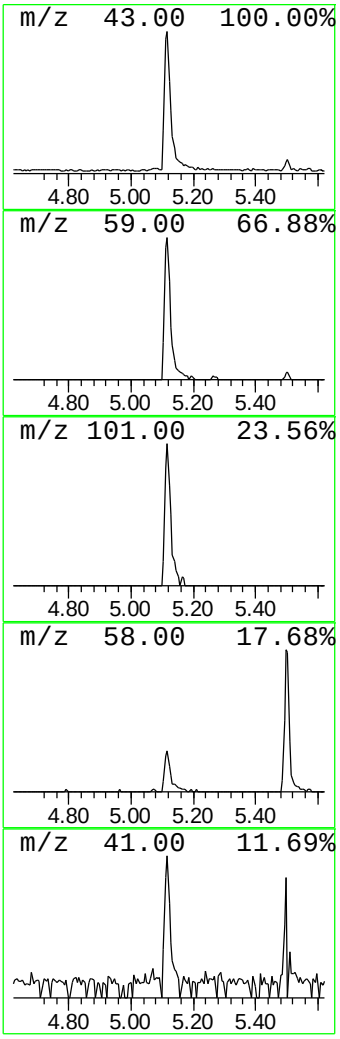
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.60 ng	112682	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	35
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

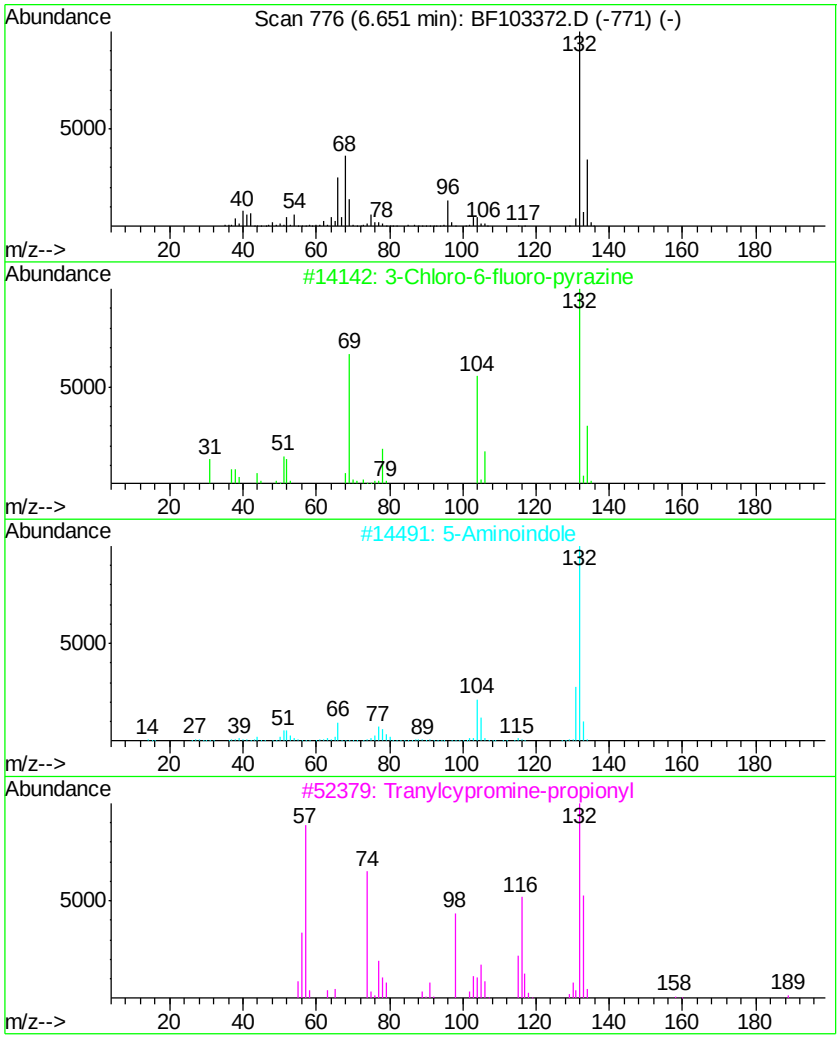
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

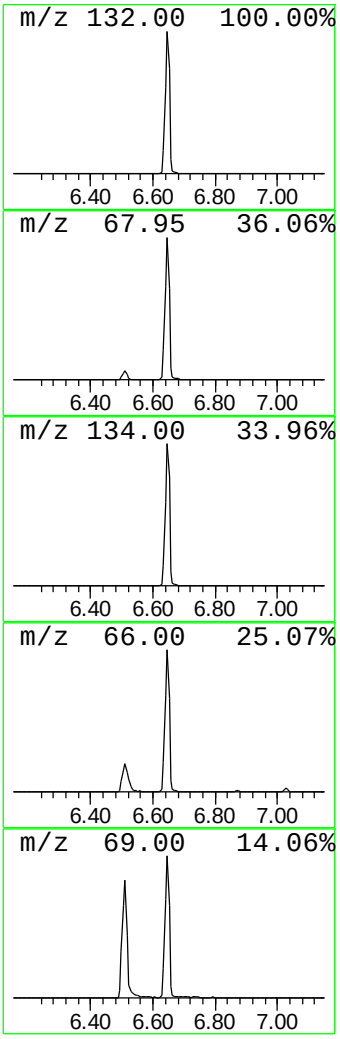
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	70.46 ng	3055100	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

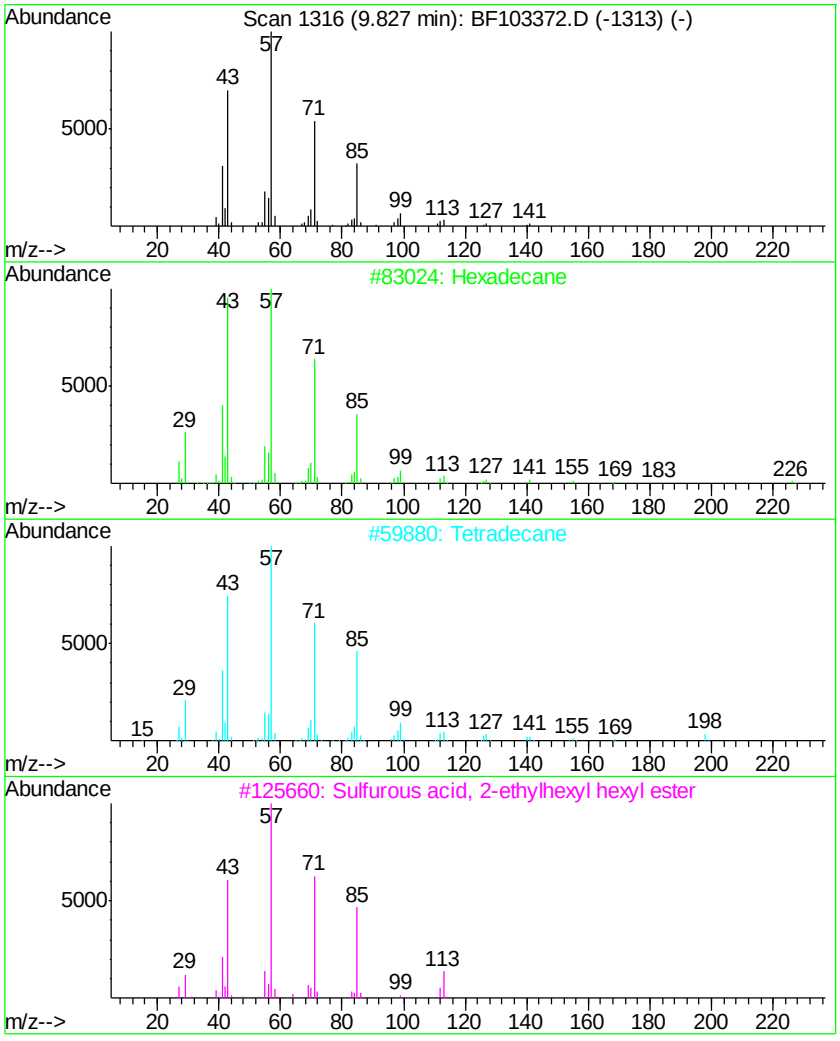
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

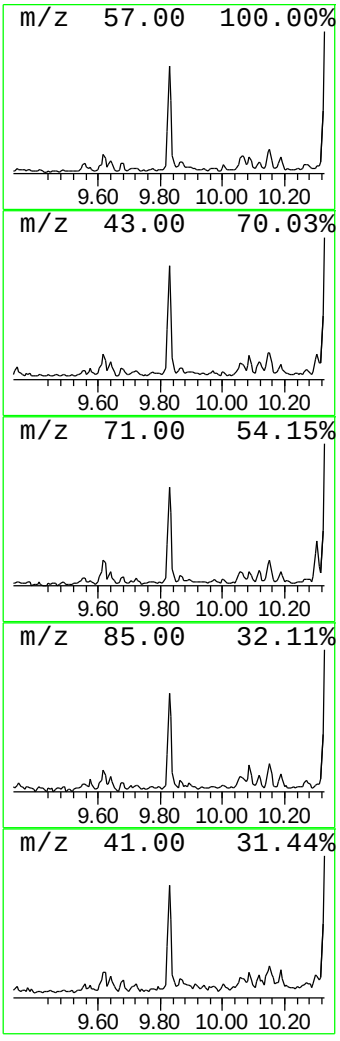
****

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.02 ng	127852	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Tridecane	184	C13H28	000629-50-5	72
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

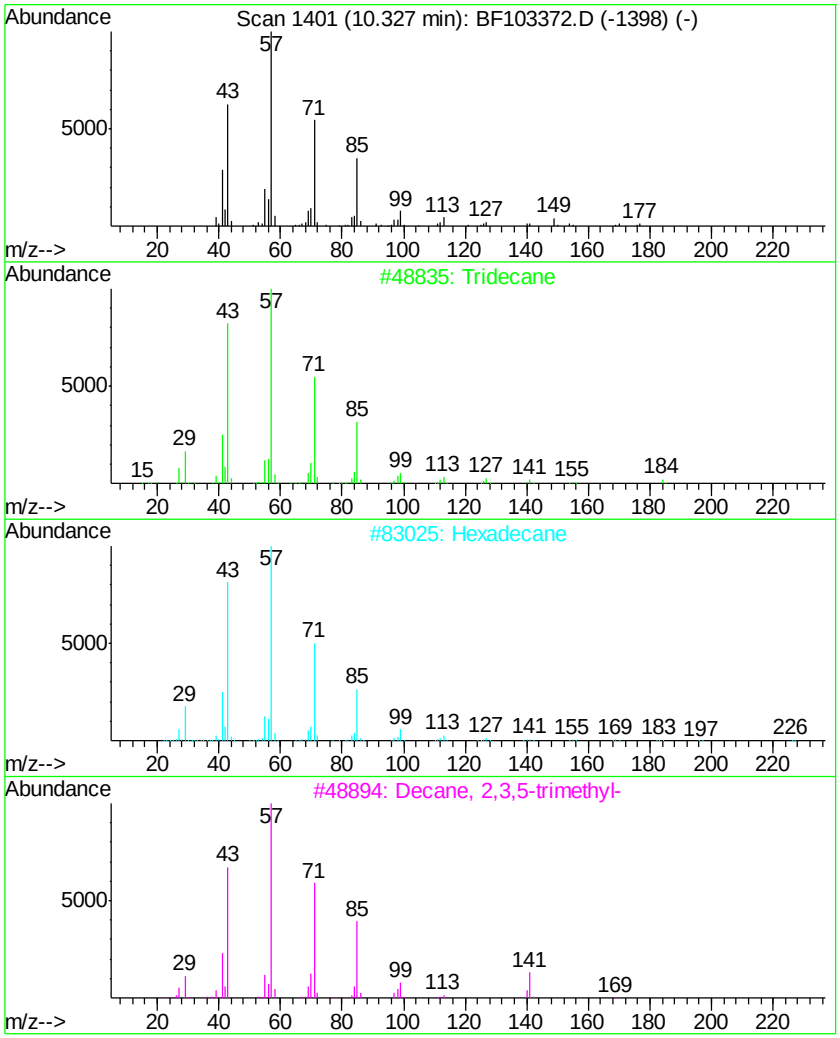
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

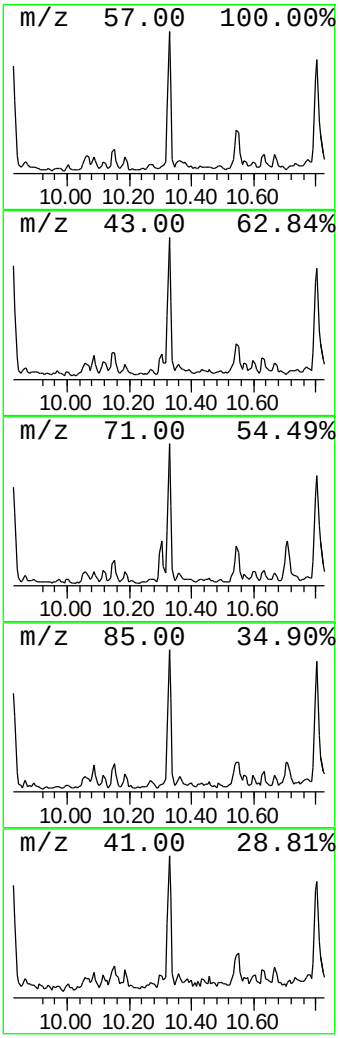
****

Peak Number 6 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.69 ng	170623	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5	Pentadecane	212	C15H32	000629-62-9	64





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

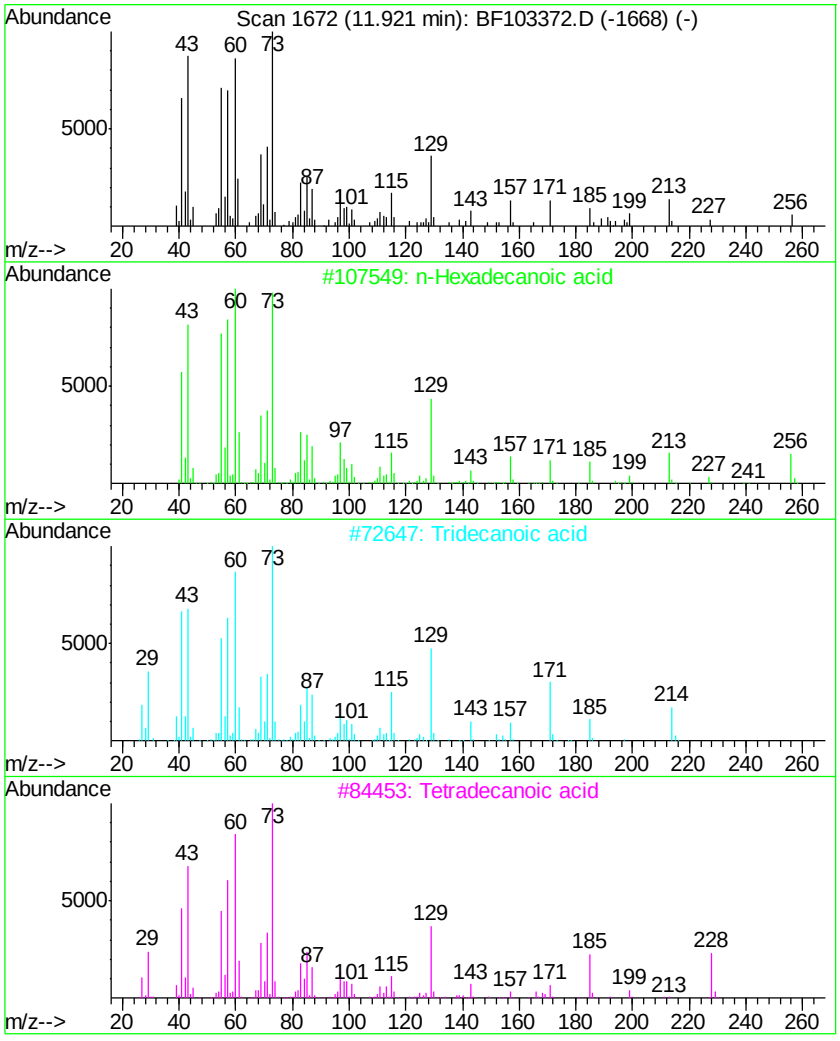
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

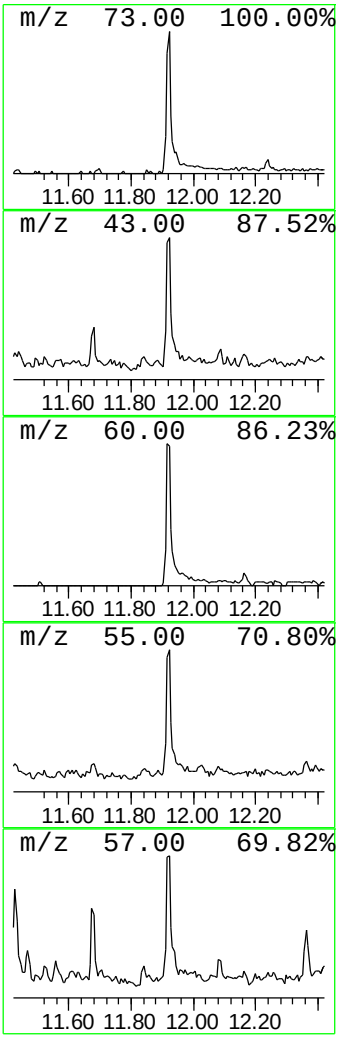
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.48 ng	268506	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

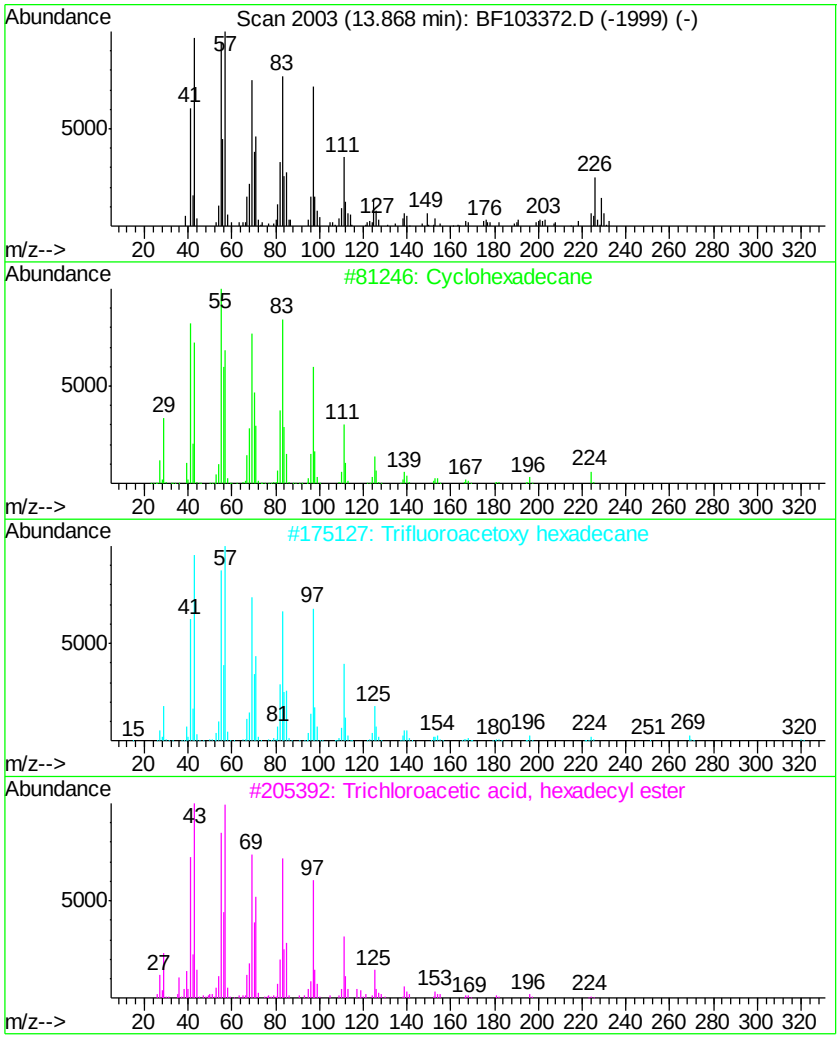
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

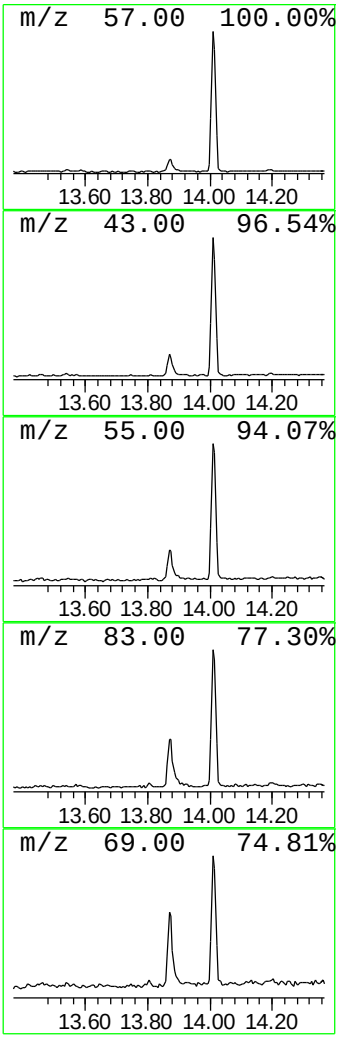
****

Peak Number 9 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.81 ng	250689	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

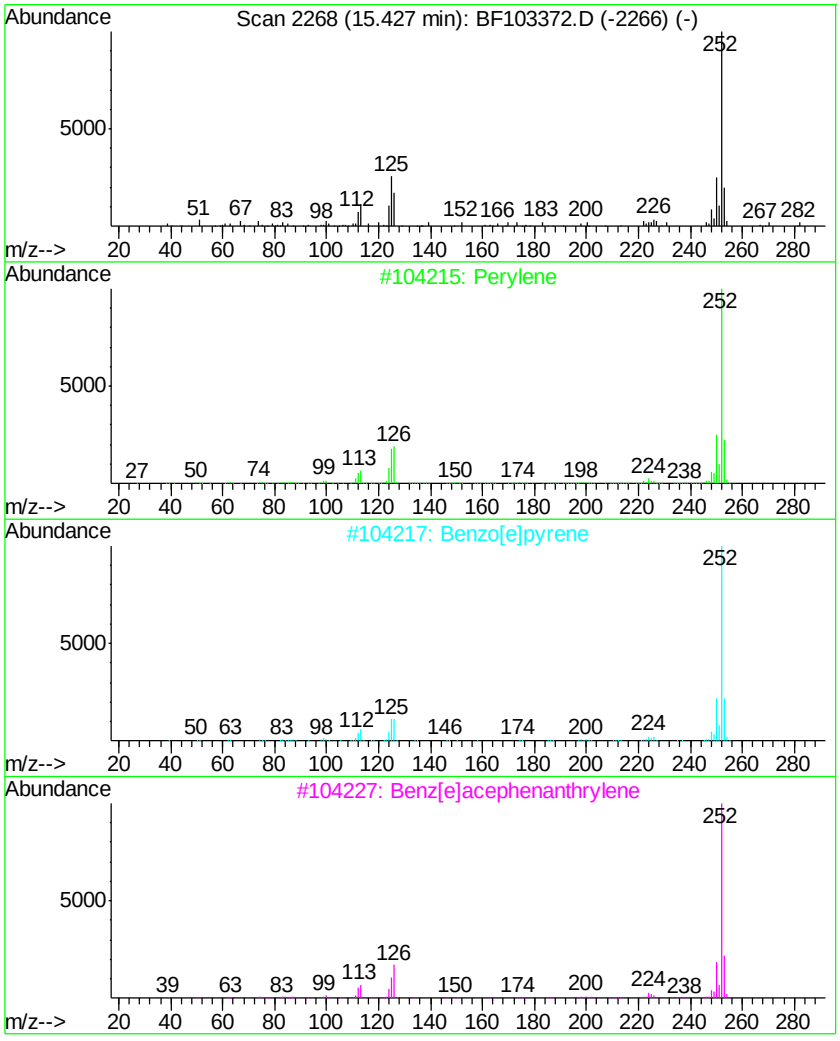
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

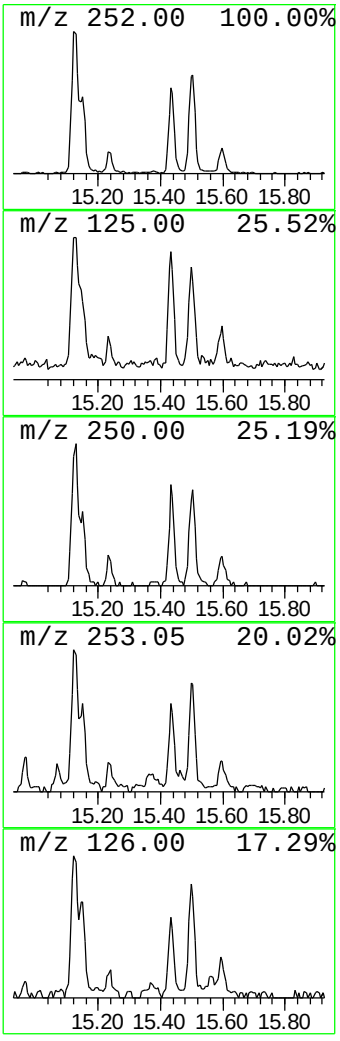
****

Peak Number 10 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.95 ng	111644	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

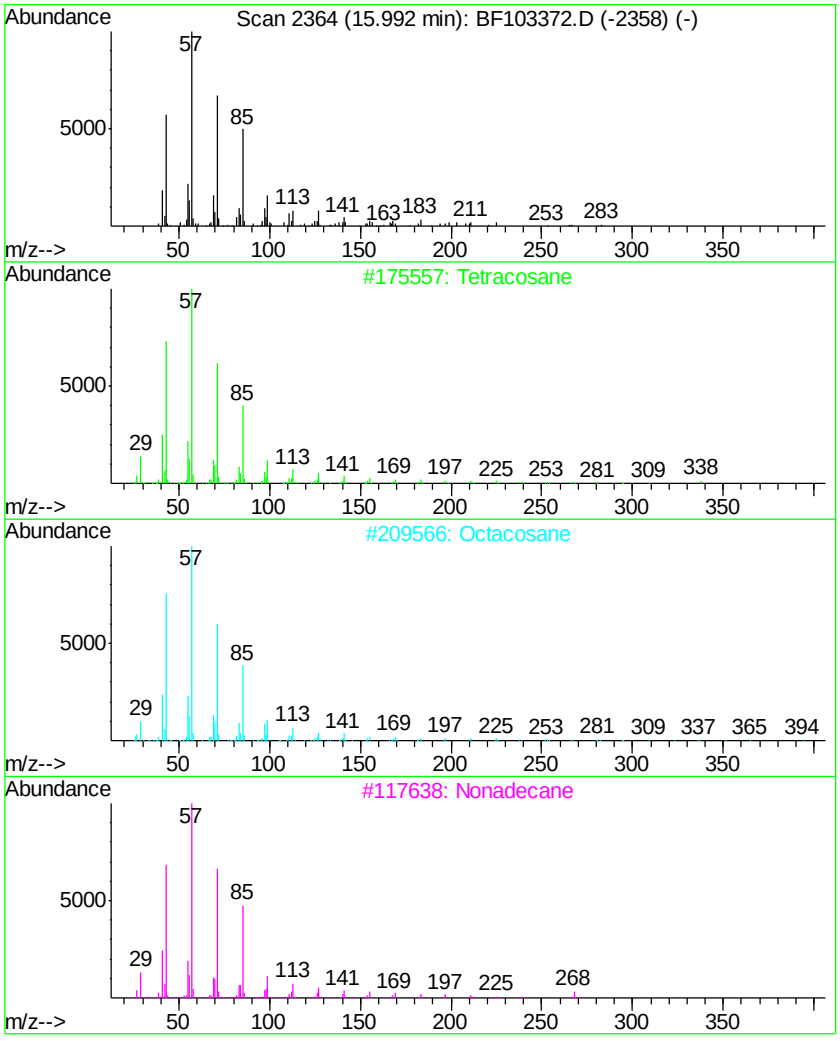
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

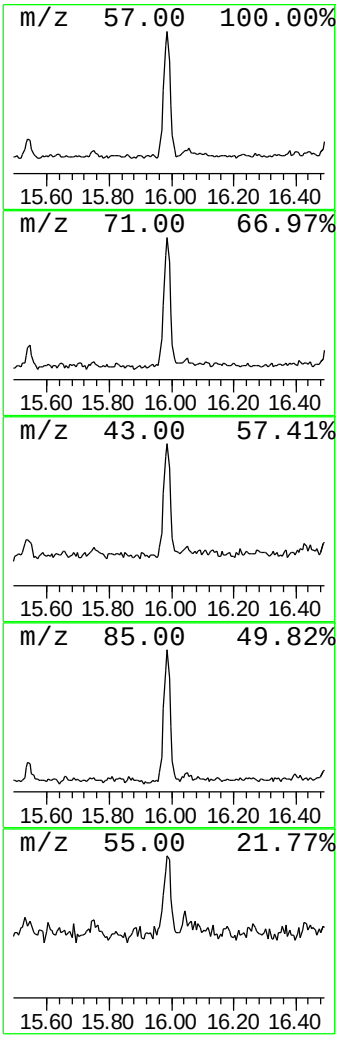
****

Peak Number 11 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	5.32 ng	201523	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Nonadecane	268	C19H40	000629-92-5	83
4	Heneicosane	296	C21H44	000629-94-7	81
5	Docosane	310	C22H46	000629-97-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF030218\
Data File : BF103372.D
Acq On : 2 Mar 2018 18:25
Operator : SJ/JU
Sample : J1730-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-20408

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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...	2.16	7.4	ng	320863	1	6.87	867192	20.0
2-Pentanone, 4-hy...	5.12	2.6	ng	112682	1	6.87	867192	20.0
unknown6.65	6.65	70.5	ng	3055100	1	6.87	867192	20.0
Hexadecane	9.83	2.0	ng	127852	3	9.92	1266900	20.0
Tridecane	10.33	2.7	ng	170623	3	9.92	1266900	20.0
n-Hexadecanoic acid	11.92	4.5	ng	268506	4	11.40	1199390	20.0
Cyclohexadecane	13.87	4.8	ng	250689	5	14.06	1041310	20.0
Perylene	15.43	3.0	ng	111644	6	15.56	757258	20.0
Tetracosane	15.99	5.3	ng	201523	6	15.56	757258	20.0