LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100173.D
Acq On : 4 Nov 2017 12:55
Operator : SJ/JU
Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEONIA-GEN

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-BF102317.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	4.987	490	493	512	rBV	156438	273373	12.21%	1.342%
2	5.393	559	562	588	rBV	1397171	1786560	79.78%	8.769%
3	6.416	733	736	753	rBV	1521490	1864556	83.27%	9.152%
4	6.539	753	757	769	rVB	1986771	1891186	84.46%	9.283%
5	6.763	792	795	804	rBV	519482	482210	21.53%	2.367%
6	6.916	817	821	839	rBV	1591874	1480515	66.12%	7.267%
7	7.334	889	892	908	rBV	1055308	1128363	50.39%	5.539%
8	8.045	1009	1013	1029	rBV	722099	685076	30.59%	3.363%
9	9.116	1190	1195	1198	rBV	2431790	2239257	100.00%	10.991%
10	9.516	1260	1263	1270	rVB	136621	113472	5.07%	0.557%
11	9.798	1307	1311	1315	rBV	884671	794862	35.50%	3.902%
12	10.592	1442	1446	1453	rBV	1282384	1314787	58.72%	6.454%
13	10.680	1459	1461	1470	rVB2	20938	24952	1.11%	0.122%
14	10.827	1482	1486	1489	rBV2	26832	23699	1.06%	0.116%
15	11.286	1561	1564	1567	rBV	849097	805208	35.96%	3.952%
16	11.316	1567	1569	1573	rVB	106899	102244	4.57%	0.502%
17	11.374	1575	1579	1582	rVB2	19101	24808	1.11%	0.122%
18	11.798	1648	1651	1654	rBV3	120197	137088	6.12%	0.673%
19	11.827	1654	1656	1660	rVB2	40946	40328	1.80%	0.198%
20	11.904	1666	1669	1672	rBV2	48701	51547	2.30%	0.253%
21	12.069	1694	1697	1699	rBV	23692	24430	1.09%	0.120%
22	12.233	1722	1725	1728	rVB	37095	28681	1.28%	0.141%
23	12.345	1741	1744	1746	rBV	25710	25327	1.13%	0.124%
24	12.510	1768	1772	1777	rVB	304331	282825	12.63%	1.388%
25	12.586	1780	1785	1788	rBV4	45128	63921	2.85%	0.314%
26	12.669	1796	1799	1802	rBV2	24387	26922	1.20%	0.132%
27	12.721	1805	1808	1809	rVV	54290	54717	2.44%	0.269%
28	12.739	1809	1811	1817	rVB	269246	244039	10.90%	1.198%
29	12.868	1829	1833	1837	rBV	2046577	2036494	90.95%	9.996%
30	13.021	1854	1859	1861	rBV5	15091	23934	1.07%	0.117%
31	13.074	1861	1868	1871	rVB2	55755	92636	4.14%	0.455%
32	13.139	1876	1879	1881	rVV	36789	40565	1.81%	0.199%
33	13.174	1882	1885	1892	rVB3	34891	51387	2.29%	0.252%
34	13.304	1905	1907	1910	rVB2	25604	24445	1.09%	0.120%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100173.D
Acq On : 4 Nov 2017 12:55
Operator : SJ/JU
Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEONIA-GEN

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.451	1929	1932	1936	rBV	42403	37765	1.69%	0.185%
36	13.745	1979	1982	1988	rVB3	122368	146823	6.56%	0.721%
37	13.939	2010	2015	2018	rBV2	677690	702478	31.37%	3.448%
38	13.968	2018	2020	2026	rVB	108425	106590	4.76%	0.523%
39	14.051	2032	2034	2039	rVB4	22338	24242	1.08%	0.119%
40	14.368	2085	2088	2091	rBV3	34164	40512	1.81%	0.199%
41	14.533	2113	2116	2118	rVB	42555	35733	1.60%	0.175%
42	14.662	2135	2138	2141	rVB5	24890	27127	1.21%	0.133%
43	14.986	2189	2193	2196	rBV	110088	143574	6.41%	0.705%
44	15.280	2240	2243	2249	rVB	45615	50371	2.25%	0.247%
45	15.345	2251	2254	2259	rVB2	90775	107995	4.82%	0.530%
46	15.398	2259	2263	2279	rVB	325420	458526	20.48%	2.251%
47	15.757	2320	2324	2330	rVB	44884	67617	3.02%	0.332%
48	16.233	2400	2405	2411	rVB3	25362	43746	1.95%	0.215%
49	16.886	2512	2516	2525	rVB2	30307	55668	2.49%	0.273%
50	17.333	2588	2592	2599	rBV2	20525	39735	1.77%	0.195%

Sum of corrected areas: 20372916

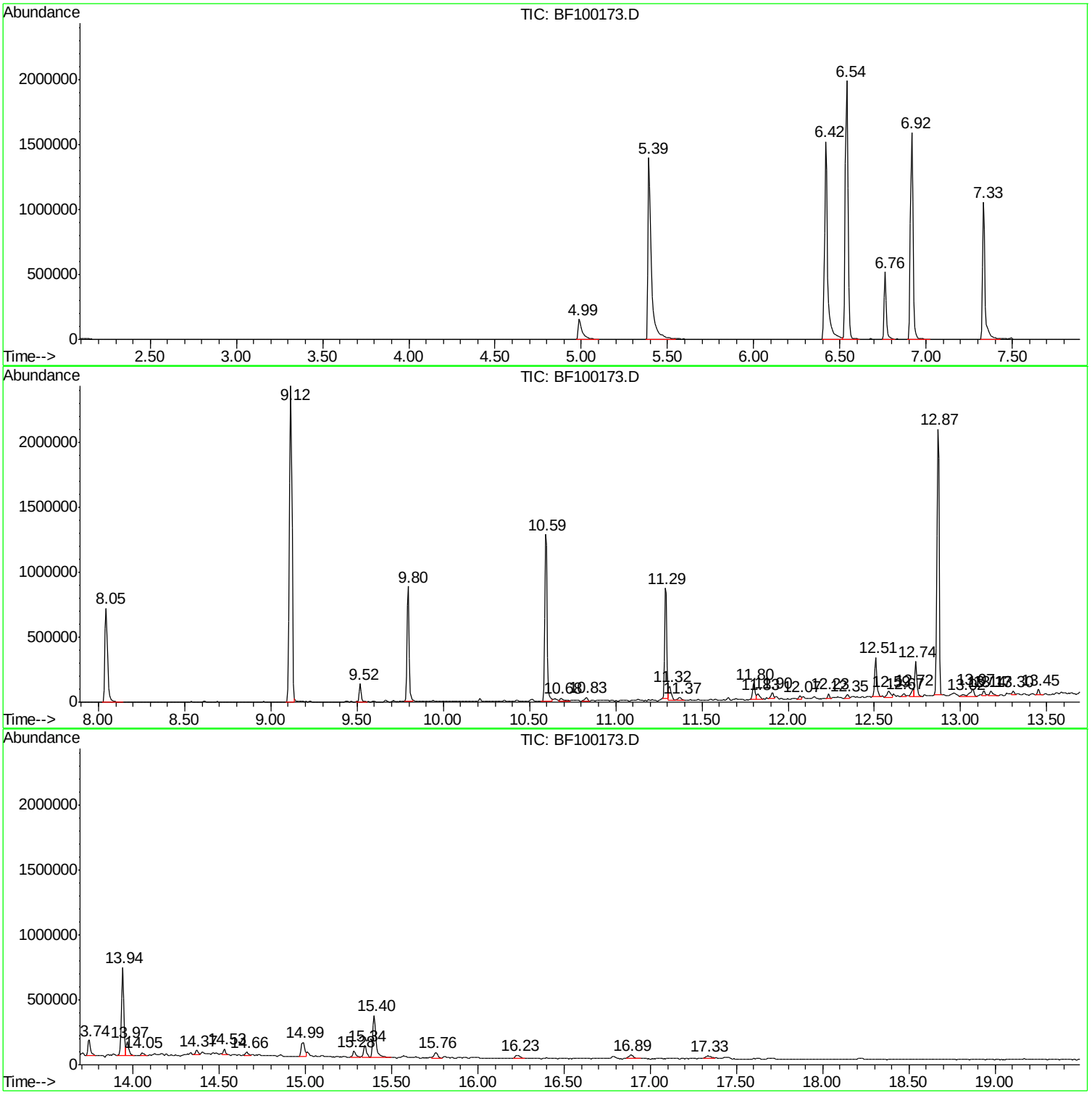
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100173.D
Acq On : 4 Nov 2017 12:55
Operator : SJ/JU
Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEONIA-GEN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100173.D
Acq On : 4 Nov 2017 12:55
Operator : SJ/JU
Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEONIA-GEN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

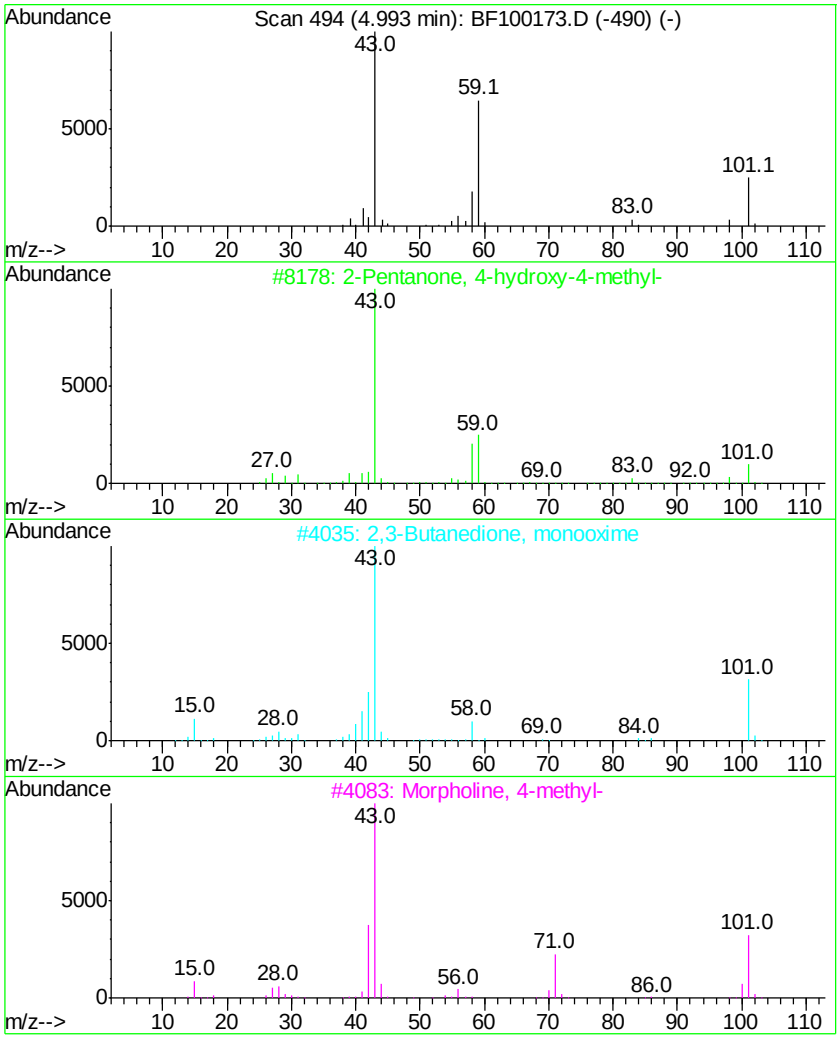
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

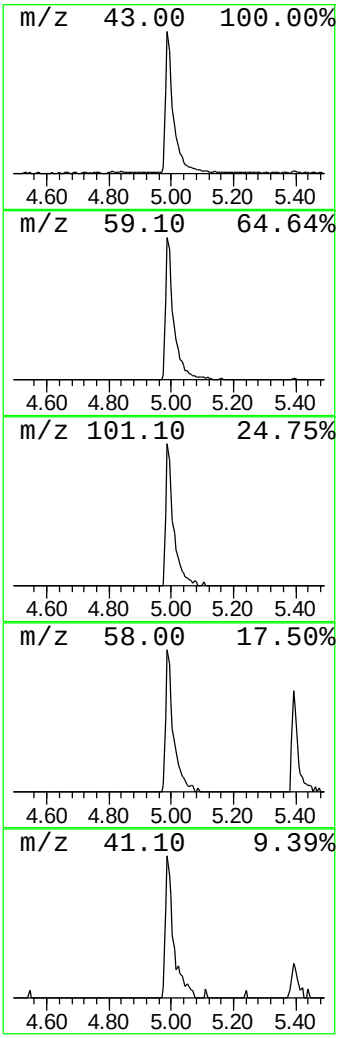
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	11.34 ng	273373	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100173.D
Acq On : 4 Nov 2017 12:55
Operator : SJ/JU
Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEONIA-GEN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

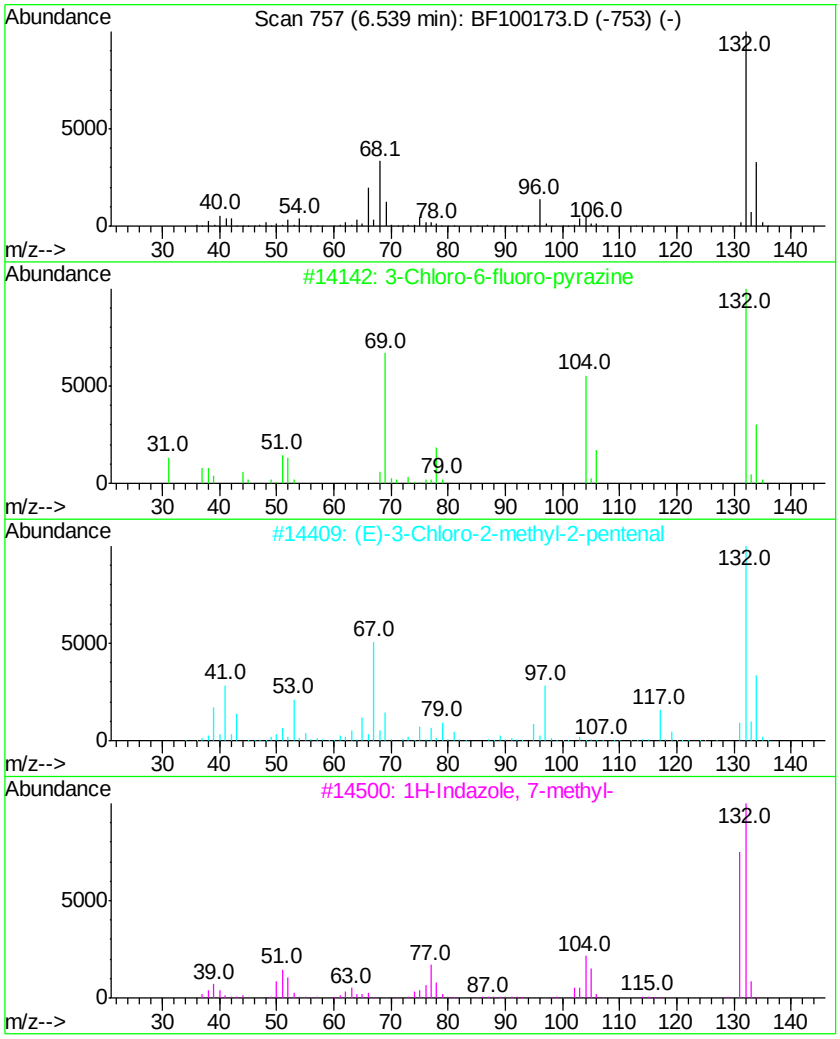
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

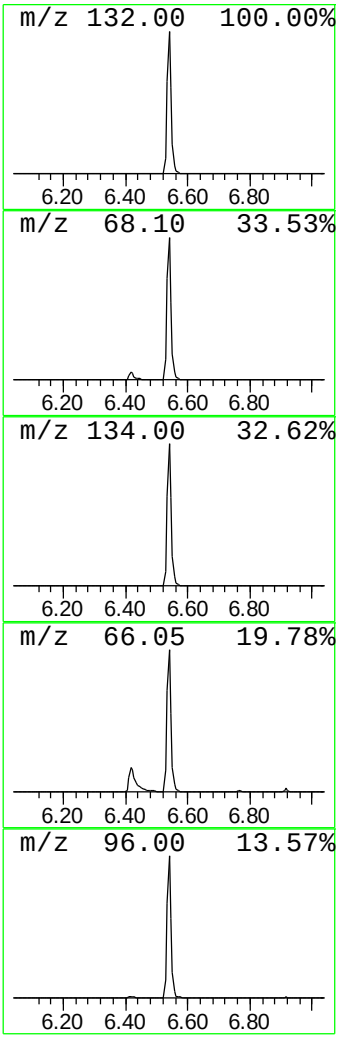
****

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	78.44 ng	1891190	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100173.D
Acq On : 4 Nov 2017 12:55
Operator : SJ/JU
Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEONIA-GEN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

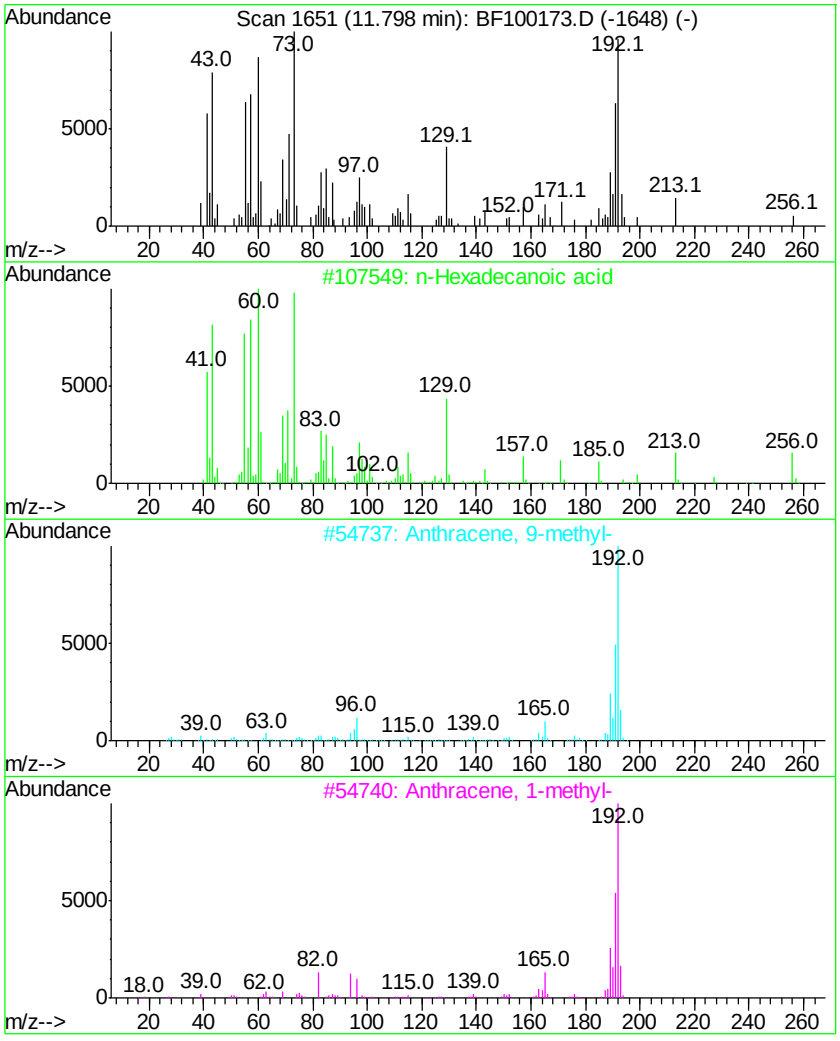
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

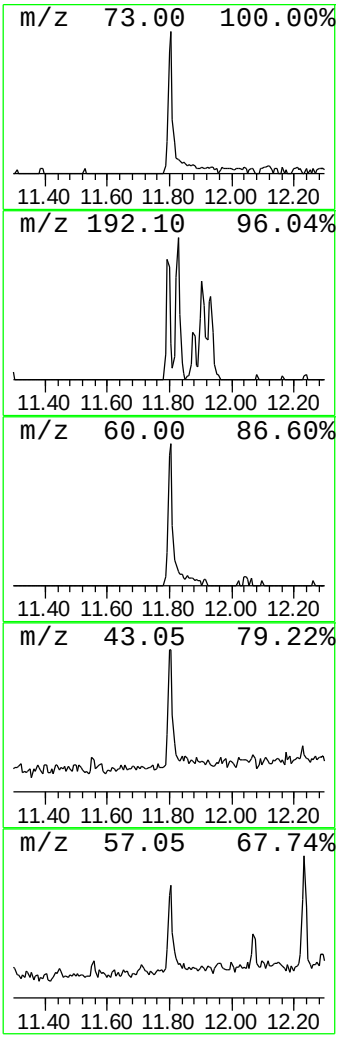
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.41 ng	137088	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100173.D
Acq On : 4 Nov 2017 12:55
Operator : SJ/JU
Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEONIA-GEN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

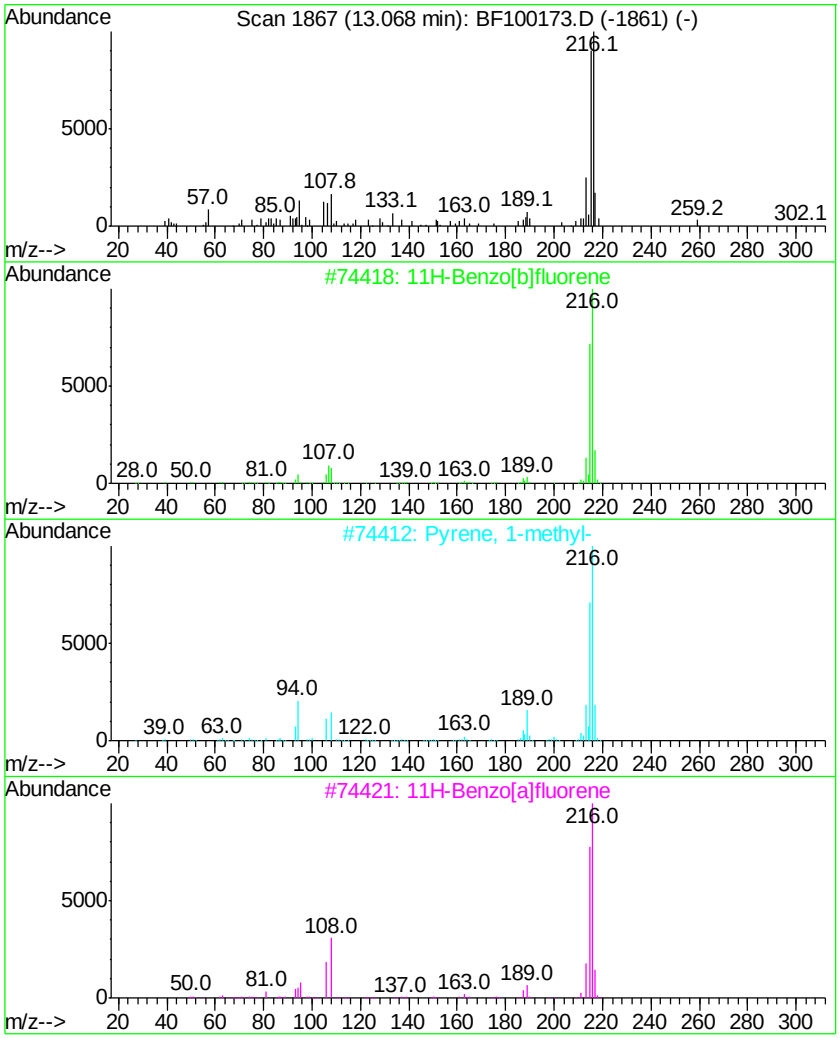
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

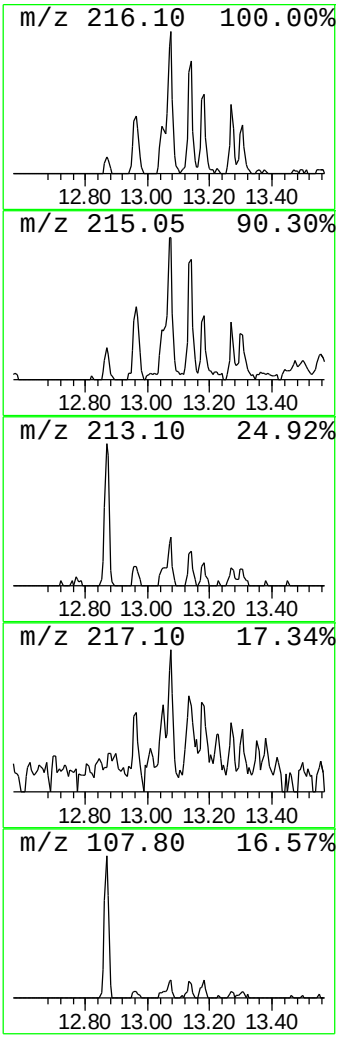
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.64 ng	92636	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





Library Search Compound Report

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Data File : BF100173.D
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Operator : SJ/JU
Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEONIA-GEN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

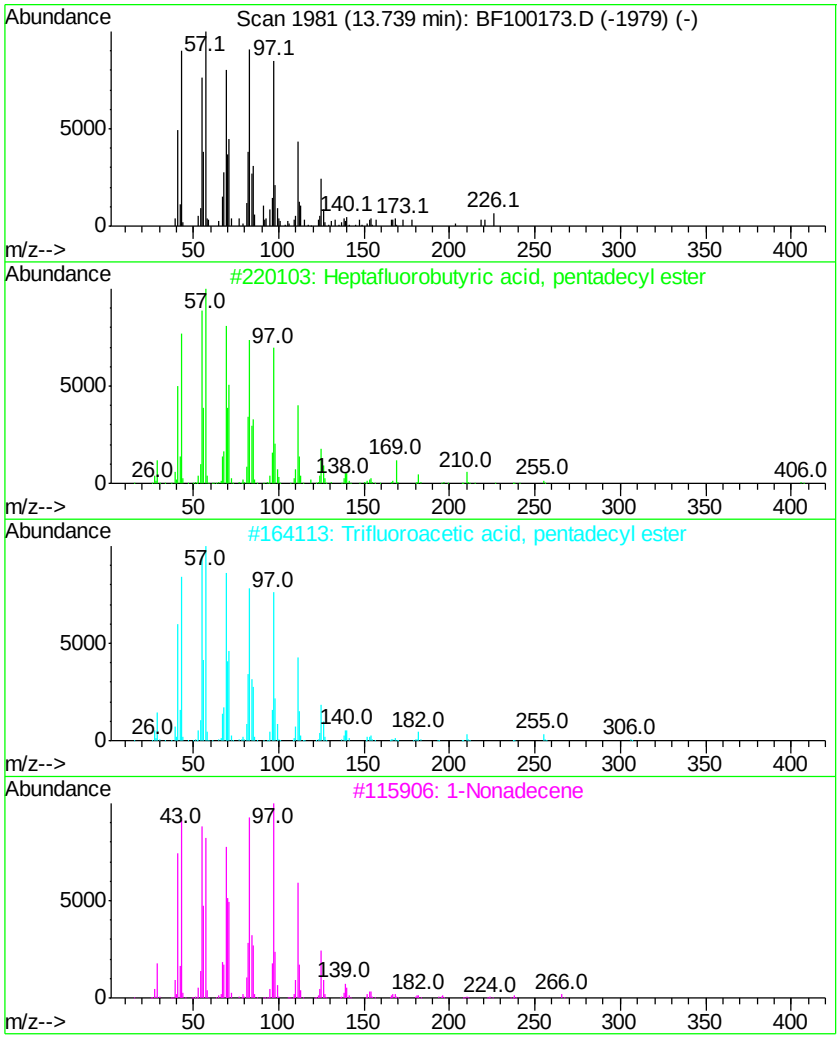
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

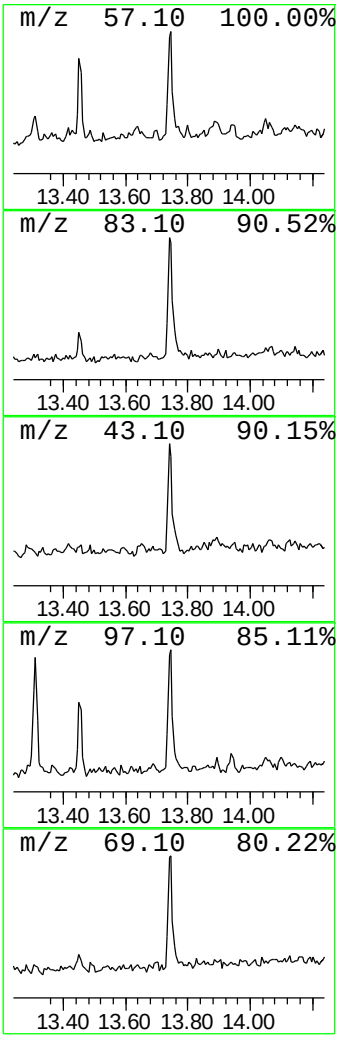
****

Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	4.18 ng	146823	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3	1-Nonadecene	266	C19H38	018435-45-5	87
4	Cyclohexadecane	224	C16H32	000295-65-8	86
5	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	81





Library Search Compound Report

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Acq On : 4 Nov 2017 12:55
Operator : SJ/JU
Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEONIA-GEN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

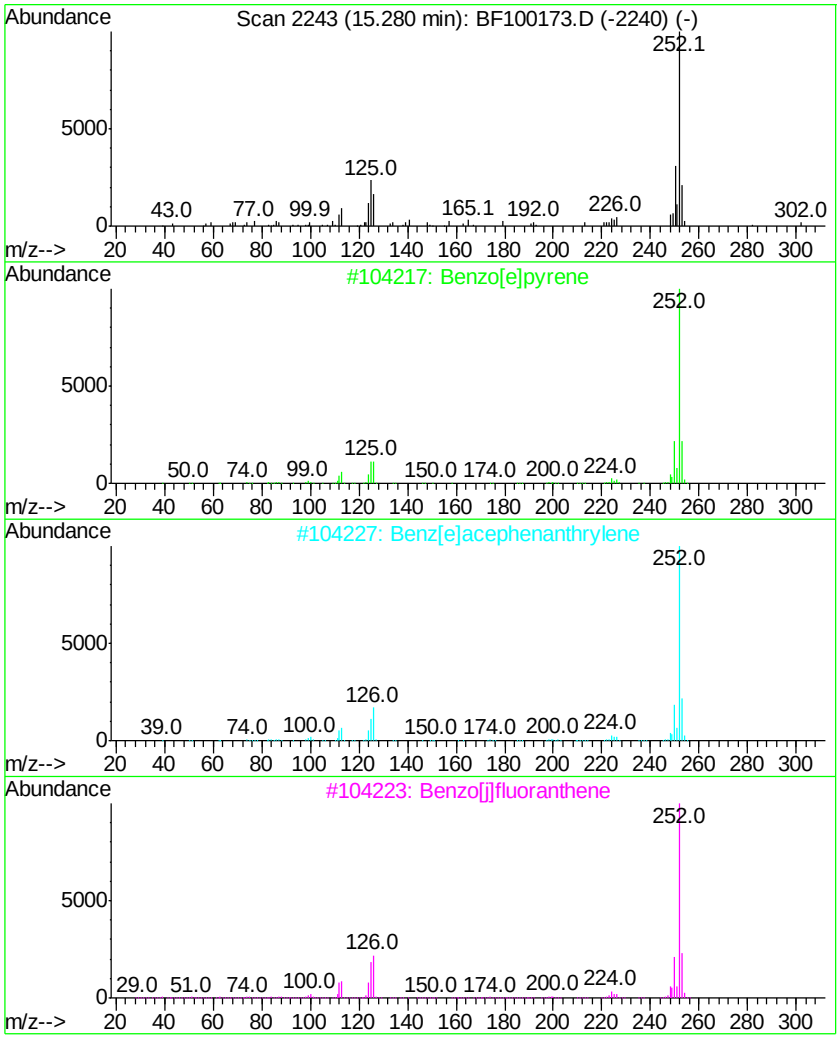
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

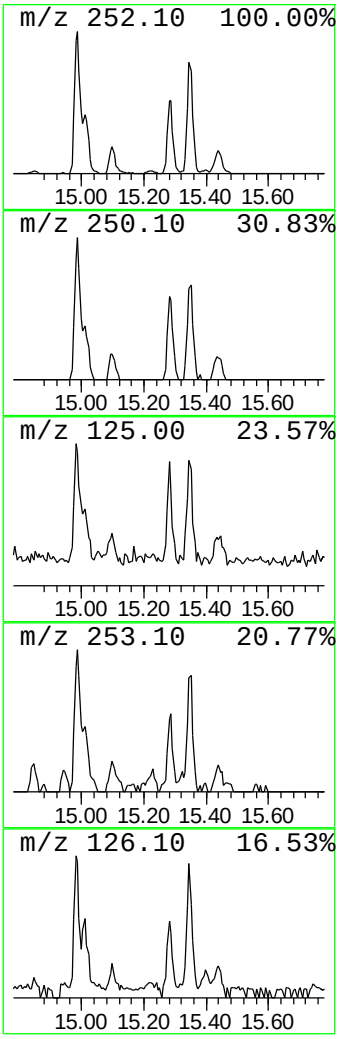
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	2.20 ng	50371	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Library Search Compound Report

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Acq On : 4 Nov 2017 12:55
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Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEONIA-GEN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

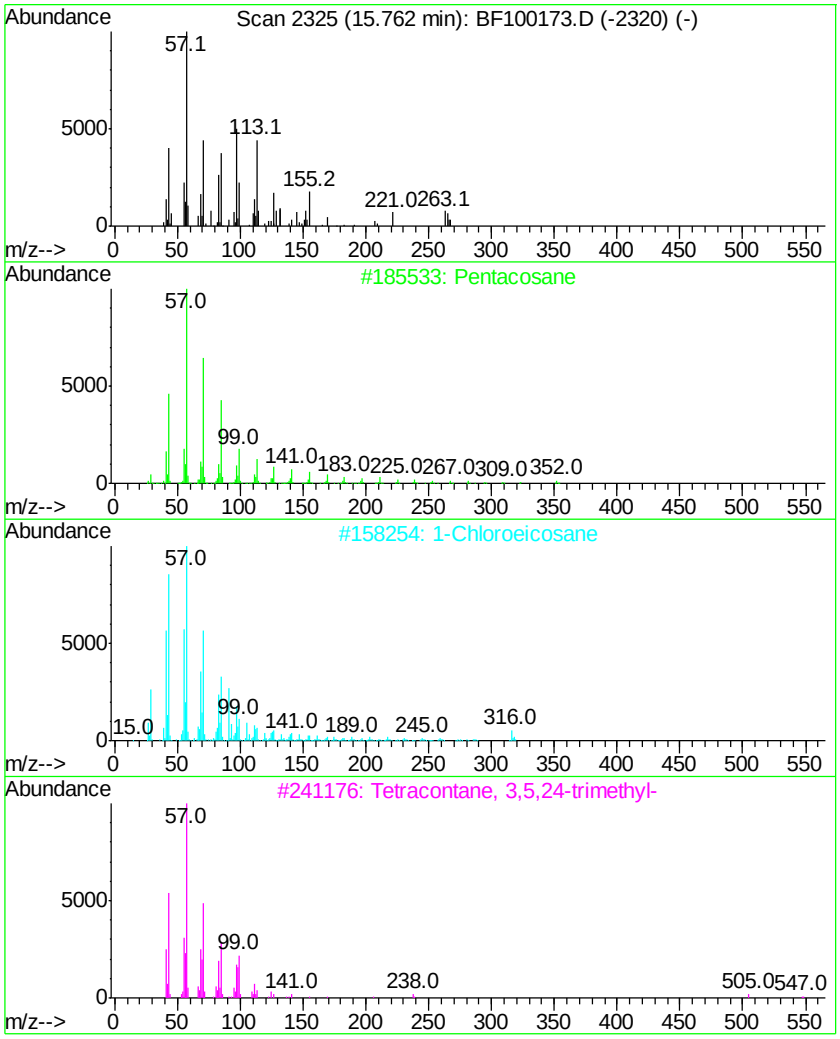
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

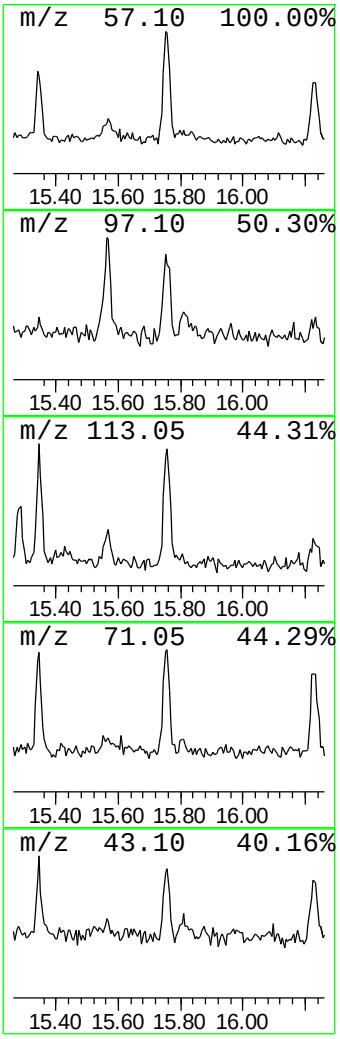
****

Peak Number 8 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.95 ng	67617	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	47
2	1-Chloroeicosane	316	C20H41Cl	042217-02-7	47
3	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	43
4	Tetracontane	563	C40H82	004181-95-7	38
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF110417\
Data File : BF100173.D
Acq On : 4 Nov 2017 12:55
Operator : SJ/JU
Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEONIA-GEN

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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
2-Pentanone, 4-hy...	4.99	11.3	ng	273373	1	6.76	482210	20.0
unknown6.54	6.54	78.4	ng	1891190	1	6.76	482210	20.0
n-Hexadecanoic acid	11.80	3.4	ng	137088	4	11.29	805208	20.0
11H-Benzo[b]fluorene	13.07	2.6	ng	92636	5	13.94	702478	20.0
Heptafluorobutyri...	13.74	4.2	ng	146823	5	13.94	702478	20.0
Benzo[e]pyrene	15.28	2.2	ng	50371	6	15.40	458526	20.0
Pentacosane	15.76	3.0	ng	67617	6	15.40	458526	20.0