LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100556.D
Acq On : 14 Nov 2017 21:24
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

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-BF110817.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	3.928	309	313	316	rBV2	10088	16111	1.40%	0.154%
2	4.069	331	337	344	rBV	19120	31240	2.71%	0.299%
3	4.216	357	362	366	rBV2	9602	13677	1.19%	0.131%
4	4.528	411	415	417	rBV	16189	19798	1.72%	0.189%
5	4.840	463	468	472	rBV	10582	12393	1.07%	0.119%
6	5.022	492	499	502	rBV2	27221	38397	3.33%	0.367%
7	5.051	502	504	508	rVB2	18169	18015	1.56%	0.172%
8	5.093	508	511	517	rBV3	54765	64869	5.62%	0.620%
9	5.298	542	546	549	rBV2	22468	28536	2.47%	0.273%
10	5.334	549	552	555	rVB4	11030	14272	1.24%	0.136%
11	5.381	555	560	562	rBV2	23780	24009	2.08%	0.230%
12	5.493	574	579	584	rVB	324677	320743	27.80%	3.067%
13	5.657	603	607	612	rBV3	7216	13000	1.13%	0.124%
14	5.734	617	620	627	rBV2	14757	19616	1.70%	0.188%
15	5.910	644	650	653	rVB3	12650	15769	1.37%	0.151%
16	6.140	684	689	694	rBV3	18187	28302	2.45%	0.271%
17	6.416	732	736	743	rBV4	15102	26327	2.28%	0.252%
18	6.498	746	750	754	rBV	339111	280893	24.35%	2.686%
19	6.645	772	775	779	rVB	333264	281848	24.43%	2.695%
20	6.716	783	787	790	rBV3	13998	14908	1.29%	0.143%
21	6.887	812	816	819	rVB	716592	620839	53.82%	5.937%
22	7.040	837	842	845	rBV	272880	230193	19.95%	2.201%
23	7.281	877	883	885	rBV3	15204	17871	1.55%	0.171%
24	7.416	900	906	907	rBV3	15528	19127	1.66%	0.183%
25	7.440	907	910	913	rVV	196829	156076	13.53%	1.493%
26	7.475	913	916	920	rVV2	20825	20544	1.78%	0.196%
27	7.528	920	925	928	rVB5	13655	18948	1.64%	0.181%
28	7.692	948	953	959	rVB4	12006	20133	1.75%	0.193%
29	7.804	970	972	976	rVB2	13729	13666	1.18%	0.131%
30	8.140	1027	1029	1030	rBV	22191	16569	1.44%	0.158%
31	8.163	1030	1033	1037	rVV	831006	728089	63.11%	6.963%
32	8.222	1039	1043	1046	rVB2	15892	18796	1.63%	0.180%
33	8.457	1079	1083	1085	rBV4	11072	13488	1.17%	0.129%
34	8.581	1101	1104	1106	rBV	15129	13416	1.16%	0.128%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100556.D
Acq On : 14 Nov 2017 21:24
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.751	1129	1133	1135	rVB	27039	21250	1.84%	0.203%
36	9.234	1212	1215	1219	rVB	327972	269788	23.39%	2.580%
37	9.316	1225	1229	1232	rBV	35045	31651	2.74%	0.303%
38	9.628	1279	1282	1285	rBV2	60254	55718	4.83%	0.533%
39	9.845	1311	1319	1324	rVB	34375	40163	3.48%	0.384%
40	9.922	1328	1332	1335	rVV	736842	633813	54.94%	6.061%
41	9.951	1335	1337	1339	rVB	21497	14309	1.24%	0.137%
42	10.122	1364	1366	1371	rVB	14755	13141	1.14%	0.126%
43	10.163	1371	1373	1377	rBV4	10823	13284	1.15%	0.127%
44	10.339	1397	1403	1406	rBV	31072	32479	2.82%	0.311%
45	10.469	1421	1425	1430	rVB3	18600	19347	1.68%	0.185%
46	10.563	1437	1441	1446	rBV	13840	16537	1.43%	0.158%
47	10.704	1462	1465	1468	rVB	157478	120822	10.47%	1.155%
48	10.816	1481	1484	1489	rBV2	36935	48780	4.23%	0.466%
49	11.263	1553	1560	1562	rBV	35263	30261	2.62%	0.289%
50	11.292	1562	1565	1572	rVB4	16934	22156	1.92%	0.212%
51	11.404	1581	1584	1587	rBV	723671	644162	55.84%	6.160%
52	11.428	1587	1588	1592	rVV	162771	104787	9.08%	1.002%
53	11.480	1595	1597	1599	rVB	21268	15752	1.37%	0.151%
54	11.633	1616	1623	1627	rBV	13167	16839	1.46%	0.161%
55	11.692	1629	1633	1635	rBV	31770	28419	2.46%	0.272%
56	11.792	1646	1650	1653	rBV	356754	298647	25.89%	2.856%
57	11.904	1666	1669	1672	rBV	14275	15665	1.36%	0.150%
58	11.933	1672	1674	1679	rVB2	20557	19500	1.69%	0.186%
59	12.016	1685	1688	1691	rBV2	18342	17674	1.53%	0.169%
60	12.098	1698	1702	1704	rBV	35159	30305	2.63%	0.290%
61	12.222	1721	1723	1726	rVB2	19806	17054	1.48%	0.163%
62	12.380	1747	1750	1752	rBV4	12054	13050	1.13%	0.125%
63	12.475	1763	1766	1768	rBV	1237200	1153617	100.00%	11.032%
64	12.498	1768	1770	1776	rVB2	1049149	863937	74.89%	8.262%
65	12.580	1781	1784	1787	rBV	192316	150395	13.04%	1.438%
66	12.616	1787	1790	1794	rBV	180446	152866	13.25%	1.462%
67	12.845	1822	1829	1834	rBV2	146155	194487	16.86%	1.860%
68	12.986	1847	1853	1856	rBV	331934	290051	25.14%	2.774%
69	13.063	1862	1866	1869	rBV5	23854	35803	3.10%	0.342%
70	13.145	1878	1880	1881	rBV2	17542	13787	1.20%	0.132%
71	13.169	1881	1884	1889	rVB3	49173	63814	5.53%	0.610%

LSC Area Percent Report

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Sample : I6307-05 10X
Misc :
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Instrument : BNA_F
ClientSampleId : EO-02-111017-C

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
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.210	1889	1891	1893	rBV	40829	37617	3.26%	0.360%
73	13.304	1905	1907	1910	rVB3	25162	20068	1.74%	0.192%
74	13.551	1946	1949	1954	rBV3	45153	64468	5.59%	0.616%
75	13.880	2002	2005	2014	rVB4	60742	97370	8.44%	0.931%
76	13.974	2018	2021	2026	rBV6	28714	55908	4.85%	0.535%
77	14.045	2028	2033	2036	rVV	740827	757609	65.67%	7.245%
78	14.069	2036	2037	2042	rVB	66258	43962	3.81%	0.420%
79	14.198	2057	2059	2062	rVB	40992	32762	2.84%	0.313%
80	14.504	2108	2111	2114	rBV	57085	65244	5.66%	0.624%
81	14.810	2161	2163	2167	rVB2	51486	43839	3.80%	0.419%
82	15.521	2280	2284	2294	rVB	374209	523846	45.41%	5.009%

Sum of corrected areas: 10457281

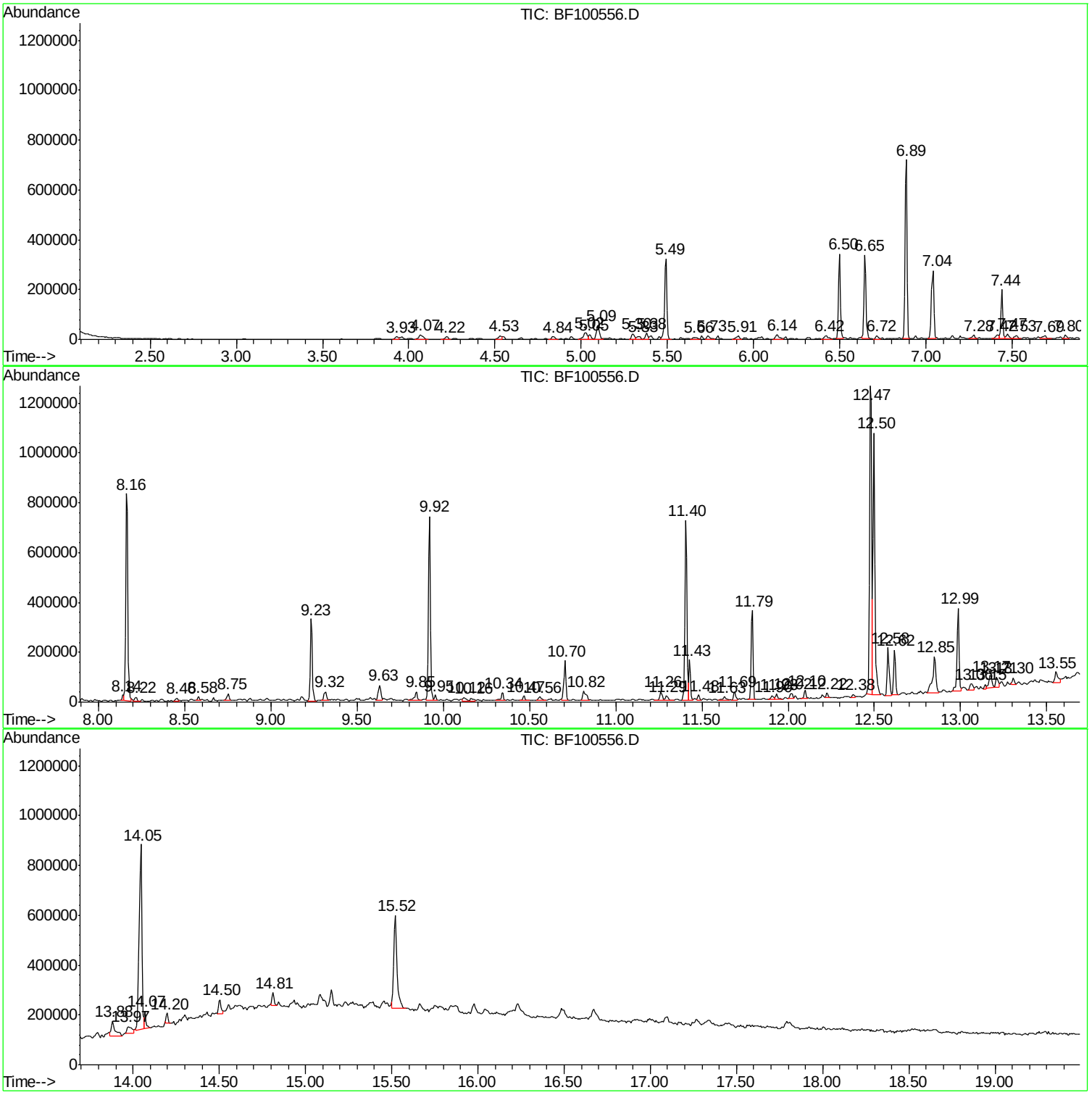
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100556.D
Acq On : 14 Nov 2017 21:24
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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\BF111417\
Data File : BF100556.D
Acq On : 14 Nov 2017 21:24
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

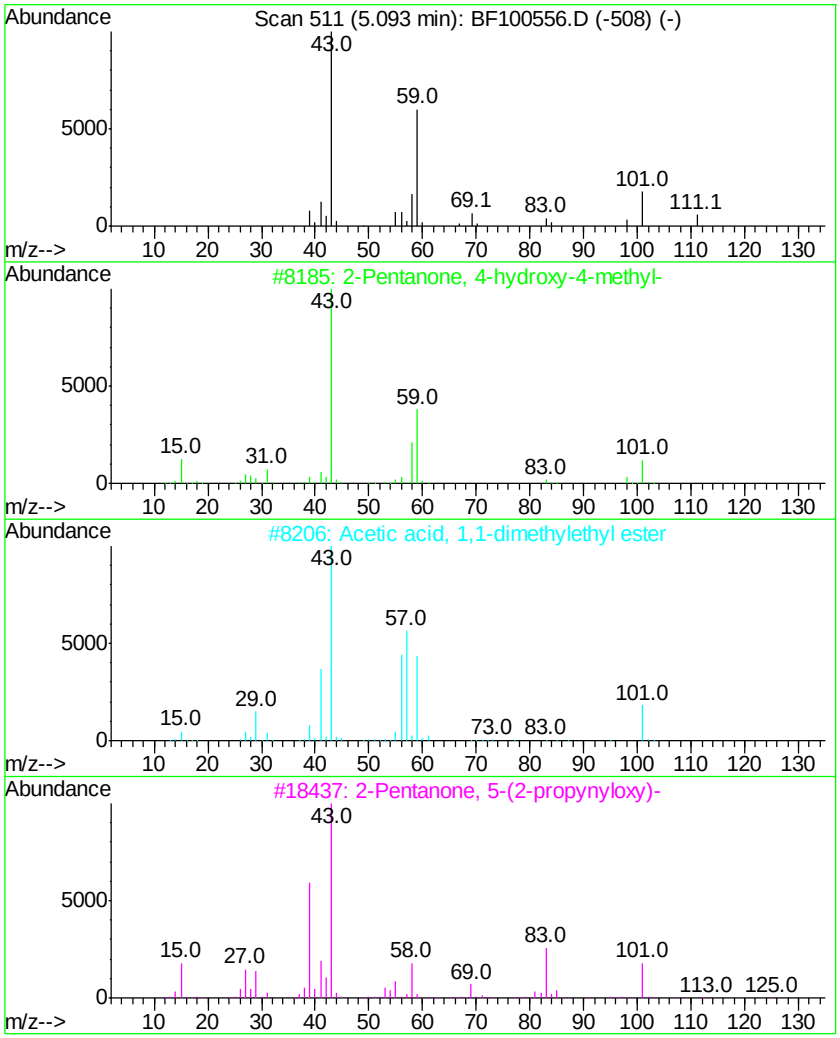
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

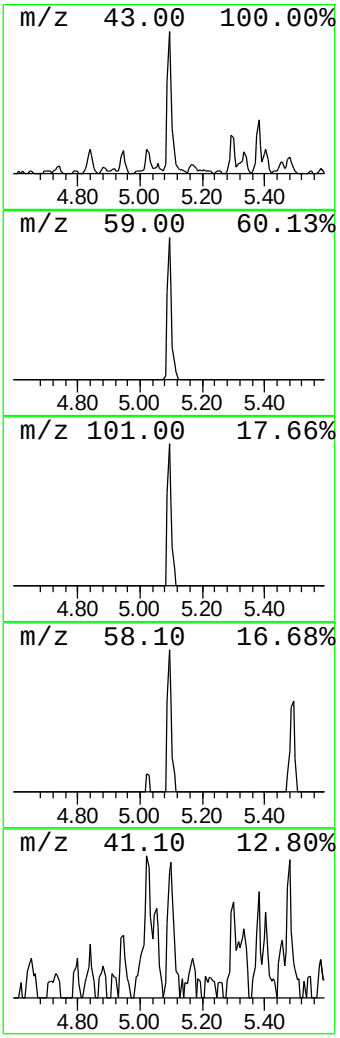
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	2.09 ng	64869	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	2-Pentanone, 5-(2-propynyloxy)-	140	C8H12O2	055702-70-0	17
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
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Sample : I6307-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

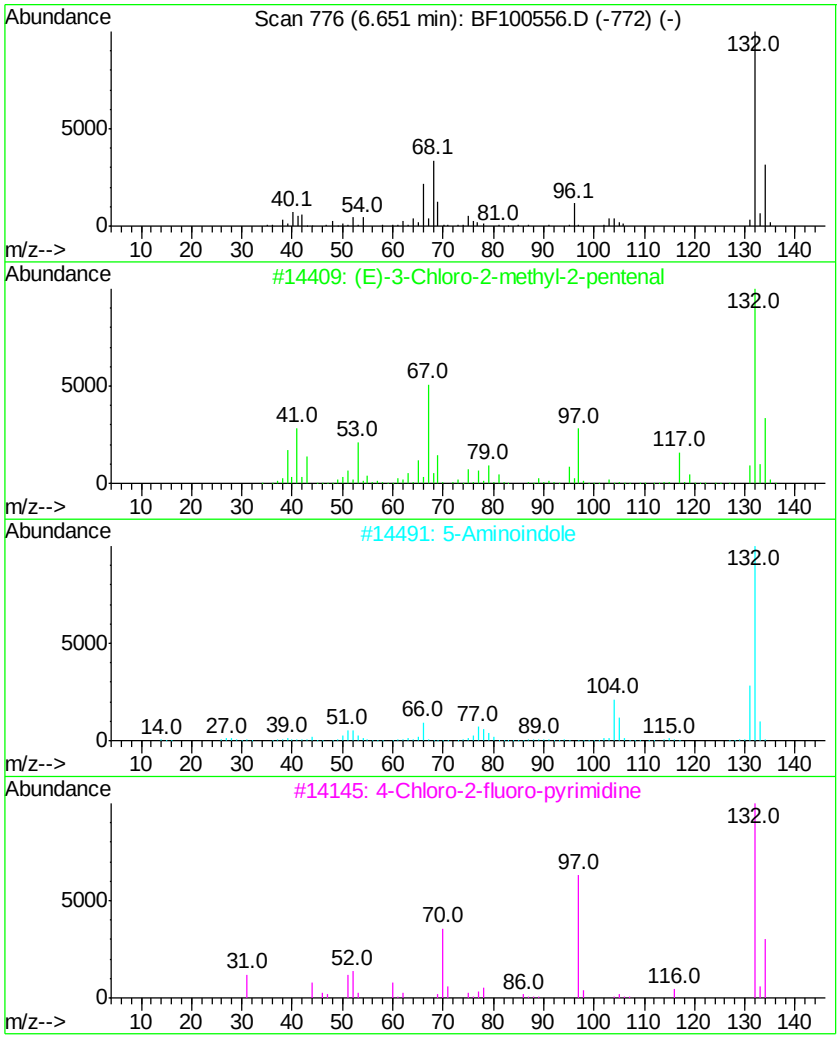
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

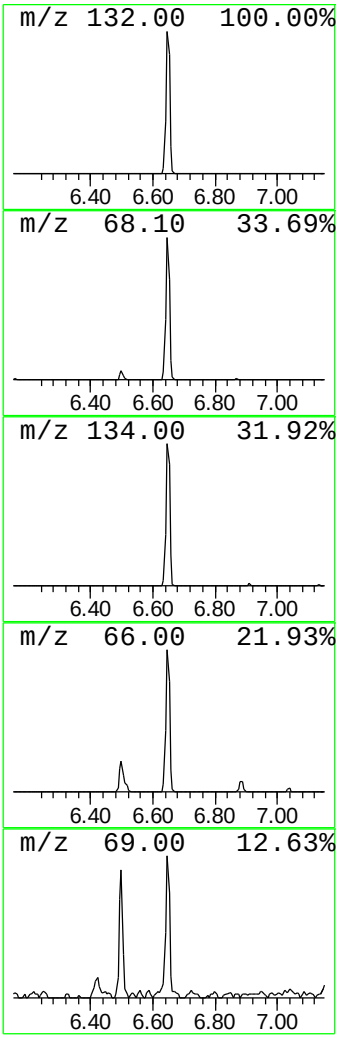
****

Peak Number 2 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	9.08 ng	281848	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	30
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

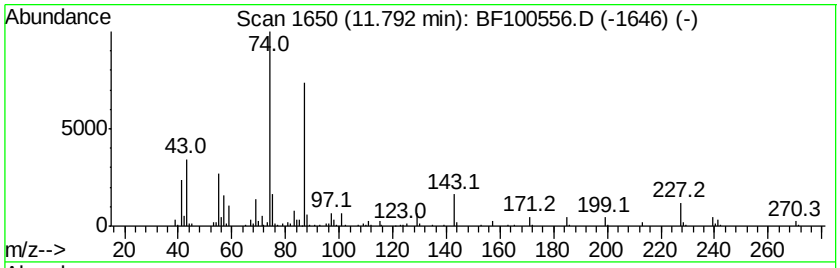
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

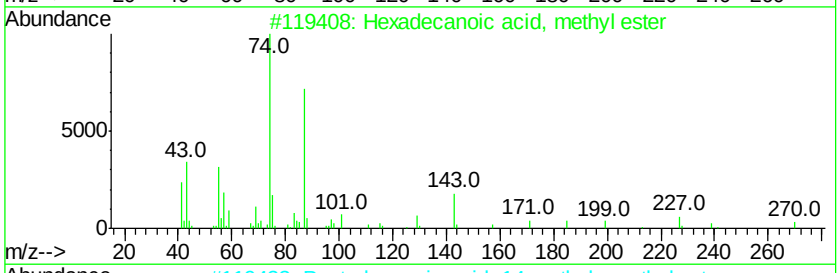
****

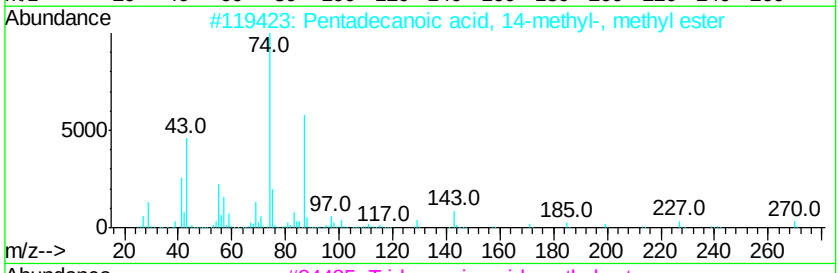
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

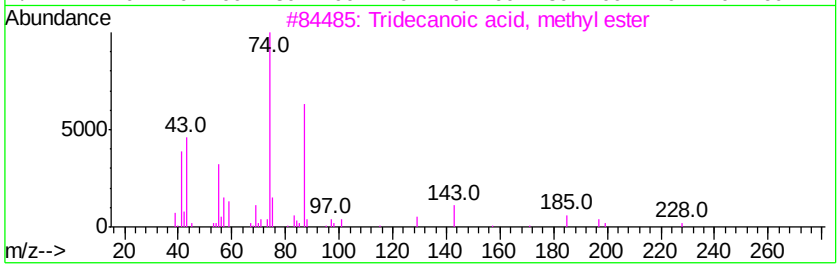
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	9.27 ng	298647	Phenanthrene-d10	11.40

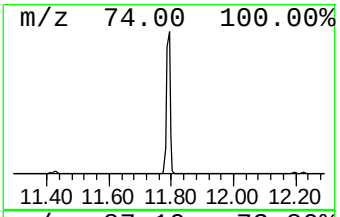
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87

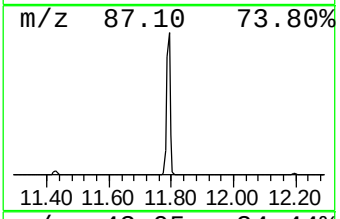


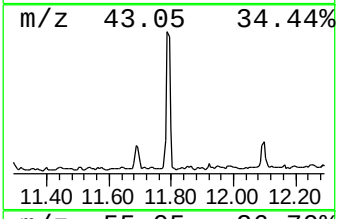


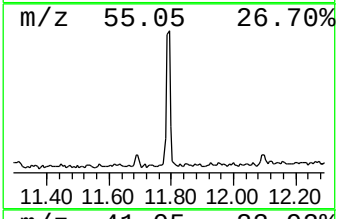


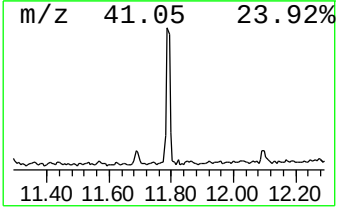












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Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

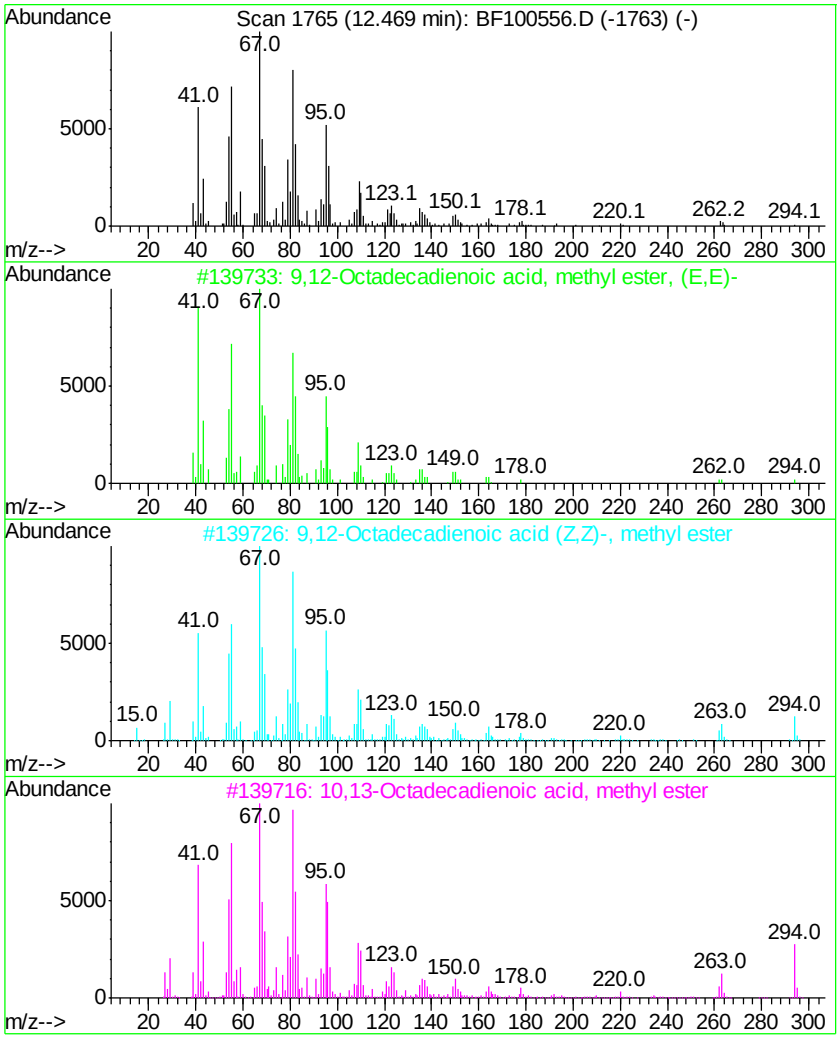
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

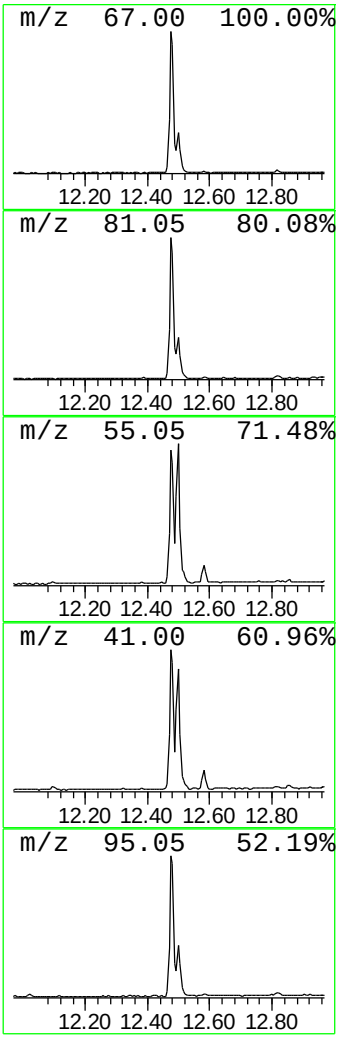
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	35.82 ng	1153620	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

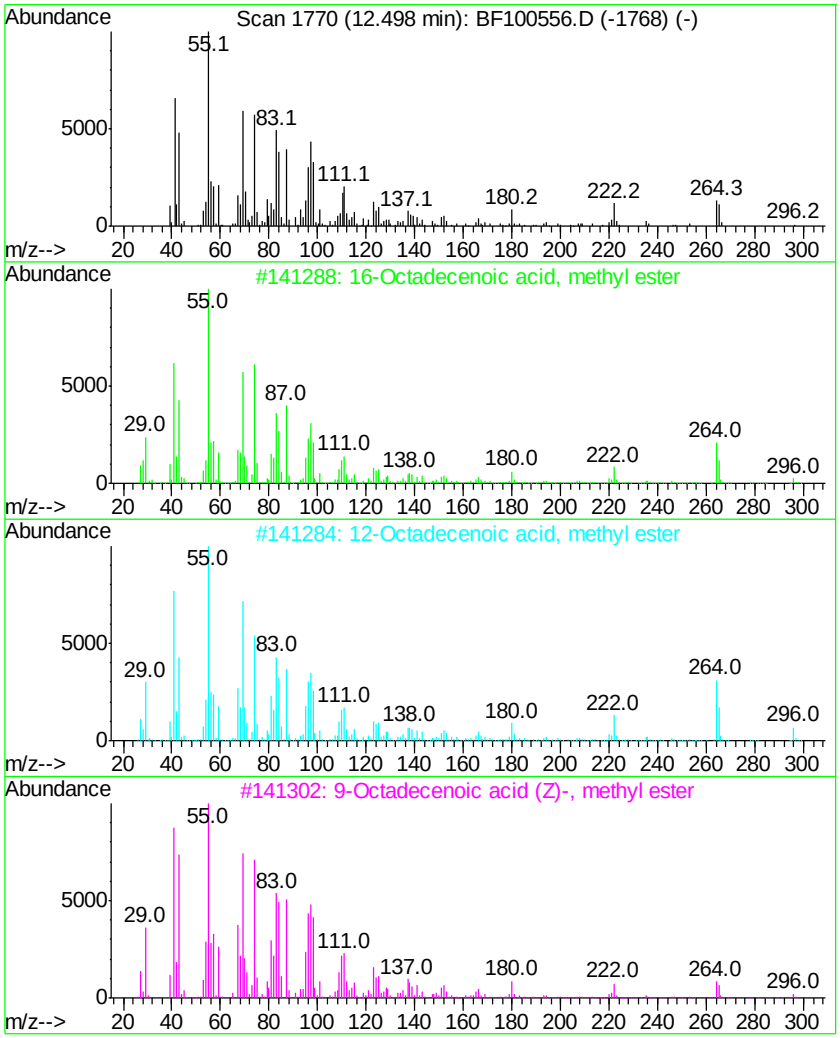
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

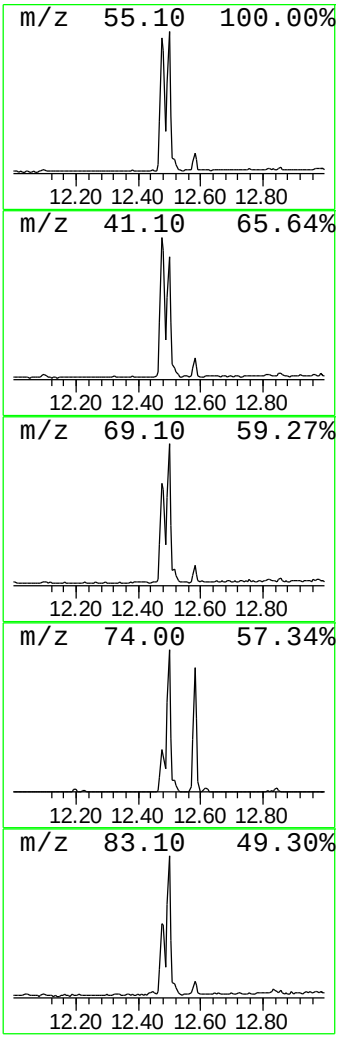
****

Peak Number 6 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	26.82 ng	863937	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100556.D
Acq On : 14 Nov 2017 21:24
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

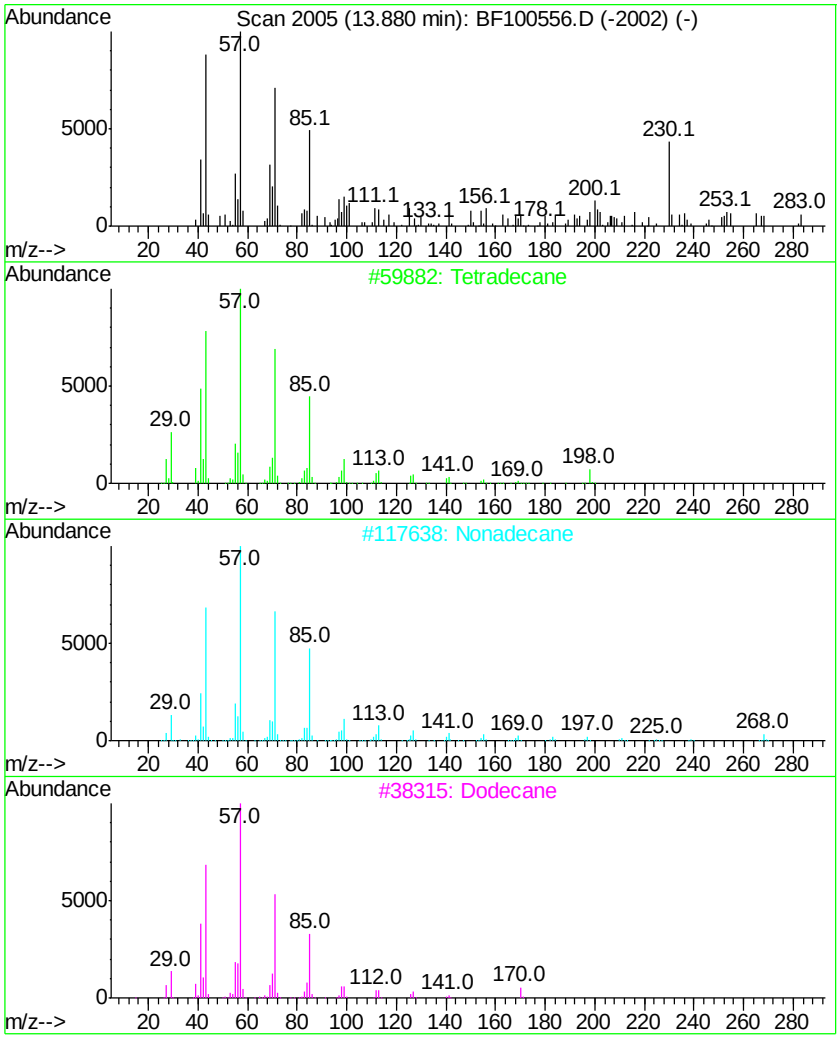
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

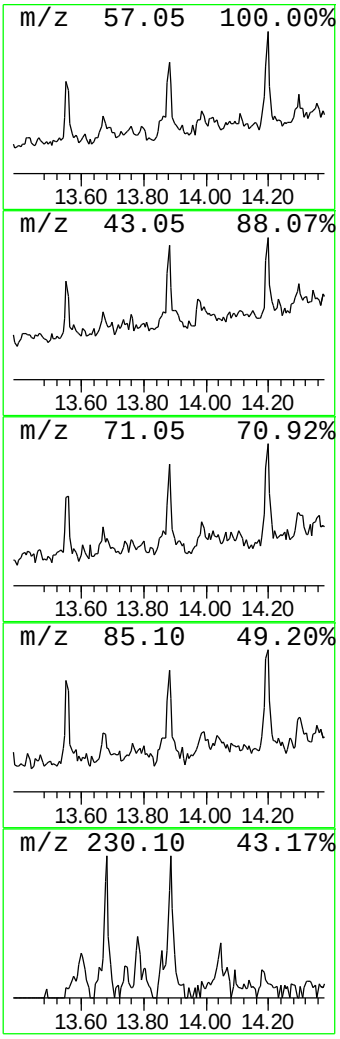
****

Peak Number 7 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.57 ng	97370	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Nonadecane	268	C19H40	000629-92-5	89
3	Dodecane	170	C12H26	000112-40-3	50
4	Pentadecane	212	C15H32	000629-62-9	50
5	1-Heptadecanamine	255	C17H37N	004200-95-7	50





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF111417\
Data File : BF100556.D
Acq On : 14 Nov 2017 21:24
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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...	5.09	2.1	ng	64869	1	6.89	620839	20.0
unknown6.65	6.65	9.1	ng	281848	1	6.89	620839	20.0
Hexadecanoic acid...	11.79	9.3	ng	298647	4	11.40	644162	20.0
9,12-Octadecadien...	12.47	35.8	ng	1153620	4	11.40	644162	20.0
16-Octadecenoic a...	12.50	26.8	ng	863937	4	11.40	644162	20.0
Tetradecane	13.88	2.6	ng	97370	5	14.05	757609	20.0