LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109552.D
Acq On : 3 Oct 2018 17:51
Operator : JU/SJ
Sample : J5198-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-A

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-BF092218.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	4.887	472	476	484	rBV	21214	25262	3.63%	0.257%
2	5.316	545	549	568	rBV	404511	560520	80.58%	5.703%
3	6.345	720	724	742	rBV	413209	626811	90.11%	6.378%
4	6.469	742	745	757	rVV	565769	664774	95.57%	6.764%
5	6.551	757	759	768	rVB3	9468	17482	2.51%	0.178%
6	6.704	782	785	805	rBV	504565	545346	78.40%	5.549%
7	6.857	808	811	829	rBV	542944	518191	74.49%	5.273%
8	7.263	876	880	887	rBV	302081	344403	49.51%	3.504%
9	7.310	887	888	893	rVB	21927	20079	2.89%	0.204%
10	7.986	999	1003	1014	rBV	586610	657541	94.53%	6.691%
11	8.281	1049	1053	1056	rBV5	7706	10827	1.56%	0.110%
12	8.375	1065	1069	1072	rVB4	9287	9331	1.34%	0.095%
13	8.416	1073	1076	1081	rBV	23088	24926	3.58%	0.254%
14	8.586	1102	1105	1109	rBV	47729	37830	5.44%	0.385%
15	8.798	1138	1141	1147	rVB4	10787	16992	2.44%	0.173%
16	9.016	1175	1178	1182	rVB3	24079	16128	2.32%	0.164%
17	9.057	1182	1185	1196	rBV	693264	613562	88.21%	6.243%
18	9.151	1196	1201	1204	rVB	53339	53025	7.62%	0.540%
19	9.333	1223	1232	1235	rBV3	6870	13886	2.00%	0.141%
20	9.398	1239	1243	1245	rBV2	13519	15916	2.29%	0.162%
21	9.451	1249	1252	1258	rBV	193046	191619	27.55%	1.950%
22	9.598	1274	1277	1283	rBV4	10469	14690	2.11%	0.149%
23	9.645	1283	1285	1288	rVB3	11538	9178	1.32%	0.093%
24	9.675	1288	1290	1294	rBV	50848	41344	5.94%	0.421%
25	9.733	1294	1300	1310	rBV	626776	606825	87.24%	6.174%
26	9.845	1316	1319	1322	rVB5	8300	10143	1.46%	0.103%
27	9.939	1332	1335	1337	rVB2	14785	13105	1.88%	0.133%
28	9.998	1343	1345	1348	rVB3	16082	13775	1.98%	0.140%
29	10.175	1372	1375	1378	rVB	43722	33055	4.75%	0.336%
30	10.280	1390	1393	1395	rBV2	9506	11659	1.68%	0.119%
31	10.392	1408	1412	1417	rVB	29176	30669	4.41%	0.312%
32	10.445	1417	1421	1423	rVB3	9284	10772	1.55%	0.110%
33	10.480	1423	1427	1429	rBV4	7635	9742	1.40%	0.099%
34	10.516	1429	1433	1442	rBV	315372	330504	47.51%	3.363%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5198-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-A

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.645	1452	1455	1456	rBV	57850	50479	7.26%	0.514%
36	10.839	1482	1488	1489	rBV4	6722	10827	1.56%	0.110%
37	10.974	1506	1511	1515	rVB7	8818	17869	2.57%	0.182%
38	11.092	1528	1531	1533	rBV	40896	31714	4.56%	0.323%
39	11.122	1533	1536	1541	rVB2	38356	37722	5.42%	0.384%
40	11.210	1547	1551	1554	rBV	591883	550935	79.20%	5.606%
41	11.286	1562	1564	1567	rVB	20742	19083	2.74%	0.194%
42	11.516	1600	1603	1605	rBV2	39657	30076	4.32%	0.306%
43	11.616	1617	1620	1626	rVB3	11725	17708	2.55%	0.180%
44	11.710	1633	1636	1639	rBV	26043	31370	4.51%	0.319%
45	11.745	1639	1642	1645	rVV2	56383	56392	8.11%	0.574%
46	11.822	1651	1655	1657	rBV2	45355	48157	6.92%	0.490%
47	11.845	1657	1659	1665	rVB2	26666	33361	4.80%	0.339%
48	11.898	1665	1668	1669	rBV3	10287	10069	1.45%	0.102%
49	11.921	1669	1672	1674	rBV	36038	30196	4.34%	0.307%
50	12.004	1684	1686	1689	rBV3	13881	17110	2.46%	0.174%
51	12.080	1696	1699	1701	rBV3	10615	11851	1.70%	0.121%
52	12.204	1715	1720	1724	rBV6	16431	29099	4.18%	0.296%
53	12.263	1726	1730	1732	rBV2	34267	37695	5.42%	0.384%
54	12.310	1732	1738	1741	rVB5	52407	88079	12.66%	0.896%
55	12.345	1741	1744	1748	rBV3	19912	25129	3.61%	0.256%
56	12.416	1753	1756	1760	rBV	170688	164499	23.65%	1.674%
57	12.521	1772	1774	1776	rBV3	13454	13940	2.00%	0.142%
58	12.645	1790	1795	1798	rBV	189432	198334	28.51%	2.018%
59	12.680	1798	1801	1803	rVB2	28343	29343	4.22%	0.299%
60	12.786	1816	1819	1829	rVB	572018	589826	84.79%	6.002%
61	12.974	1848	1851	1854	rVB2	38825	40646	5.84%	0.414%
62	13.033	1858	1861	1865	rVV2	45049	47270	6.80%	0.481%
63	13.074	1866	1868	1873	rVV	25839	31581	4.54%	0.321%
64	13.198	1887	1889	1893	rBV	22419	25181	3.62%	0.256%
65	13.233	1893	1895	1899	rBV4	21951	31687	4.56%	0.322%
66	13.374	1917	1919	1922	rVB2	37833	28302	4.07%	0.288%
67	13.698	1972	1974	1981	rVB3	63240	86781	12.48%	0.883%
68	13.839	1994	1998	2001	rBV	724144	695608	100.00%	7.078%
69	14.321	2077	2080	2082	rBV	68835	73213	10.53%	0.745%
70	14.615	2127	2130	2132	rBV	79269	81653	11.74%	0.831%
71	15.245	2233	2237	2240	rBV	309512	385229	55.38%	3.920%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5198-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-A

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 9827926

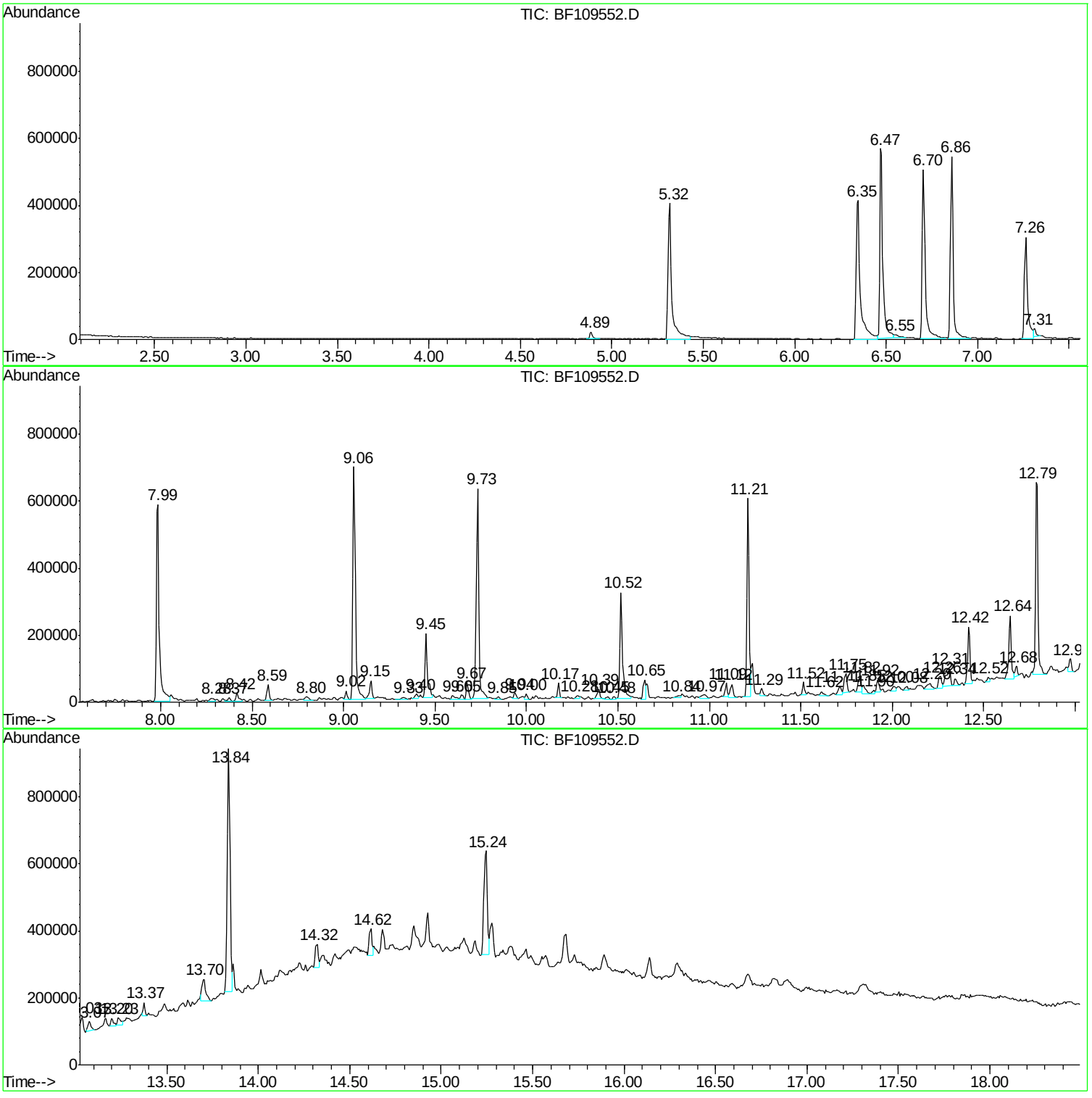
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109552.D
Acq On : 3 Oct 2018 17:51
Operator : JU/SJ
Sample : J5198-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF100318\
Data File : BF109552.D
Acq On : 3 Oct 2018 17:51
Operator : JU/SJ
Sample : J5198-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

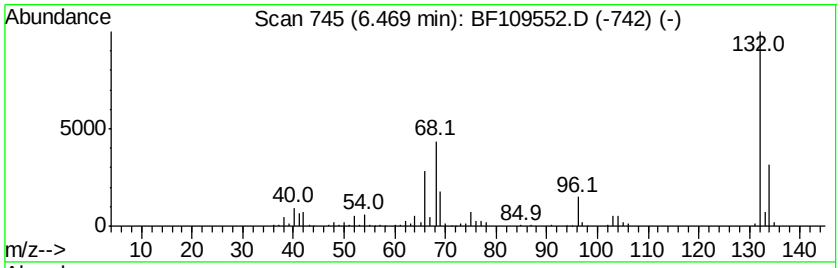
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

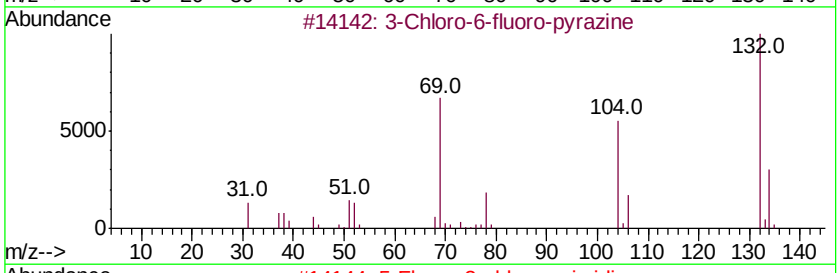
****

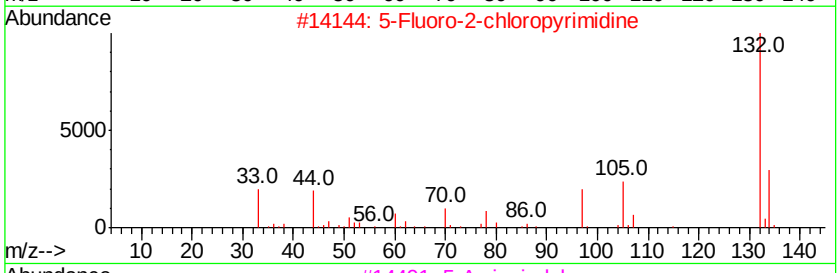
Peak Number 1 unknown6.47 Concentration Rank 1

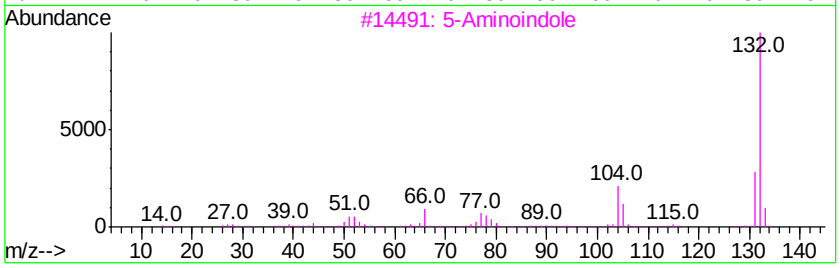
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	24.38 ng	664774	1,4-Dichlorobenzene-d4	6.70

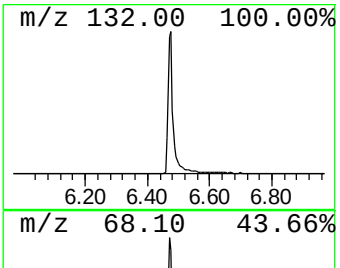
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9

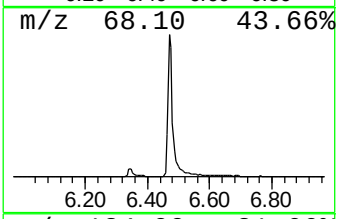


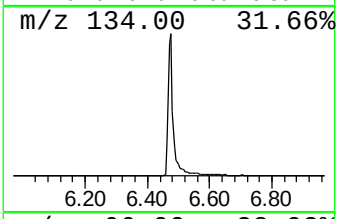


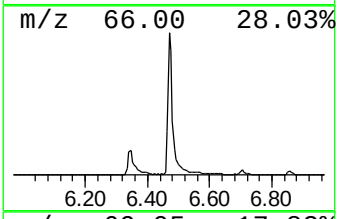


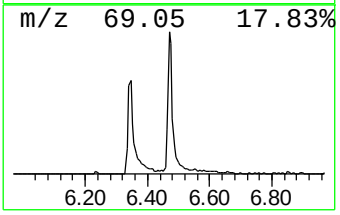












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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

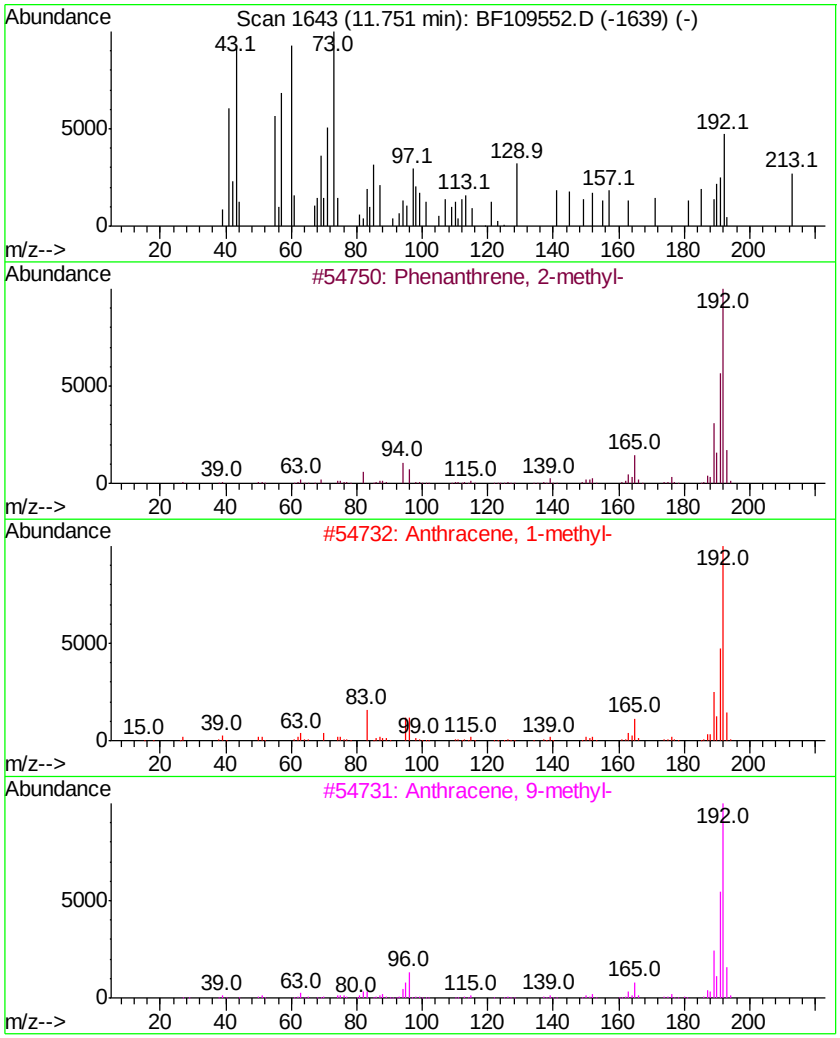
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

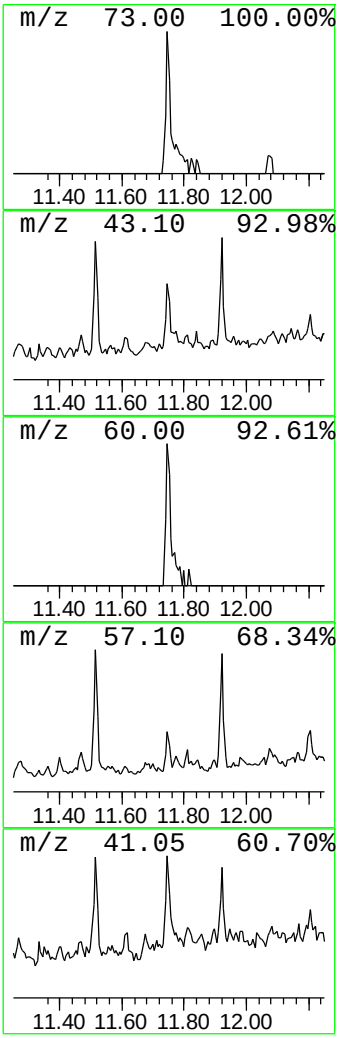
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.05 ng	56392	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	52
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	50





Library Search Compound Report

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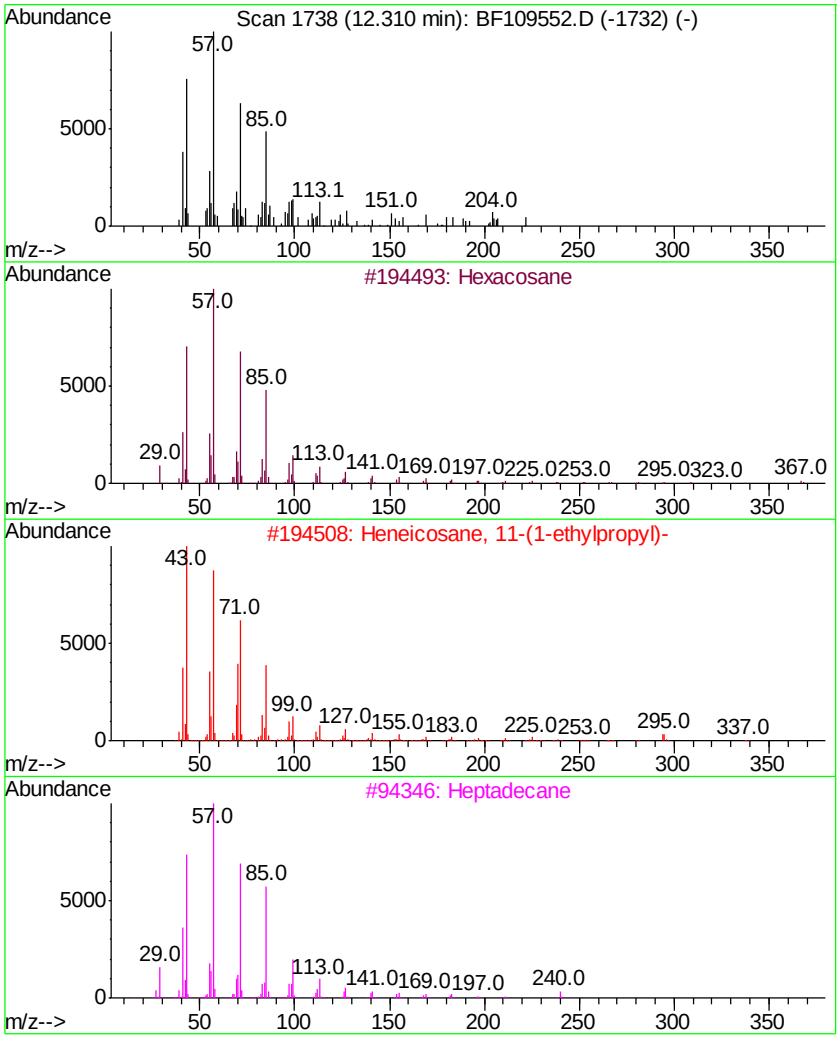
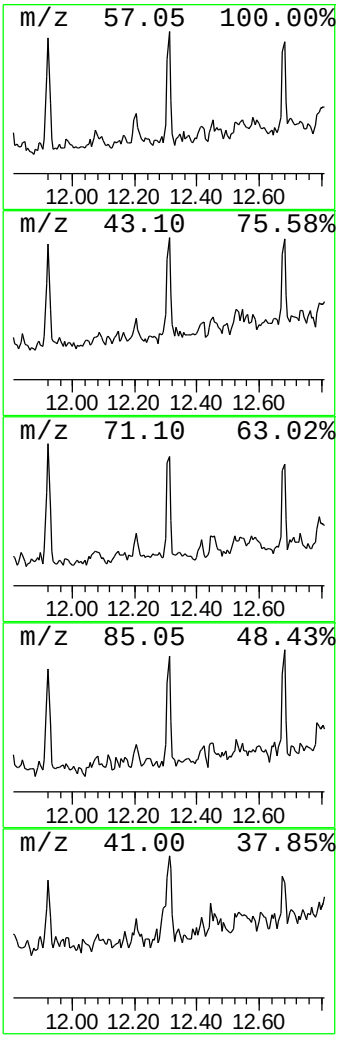
****

Peak Number 4 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	3.20 ng	88079	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	83
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Octacosane	394	C28H58	000630-02-4	74
5	Pentacosane	352	C25H52	000629-99-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-100218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

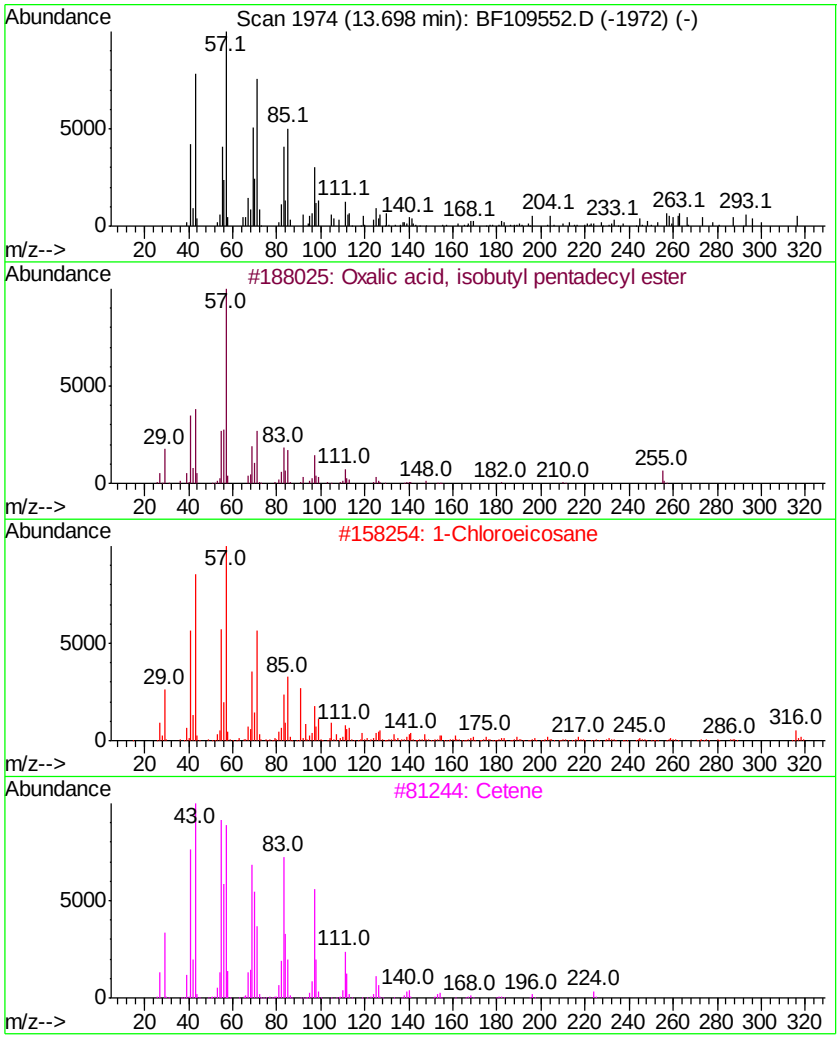
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

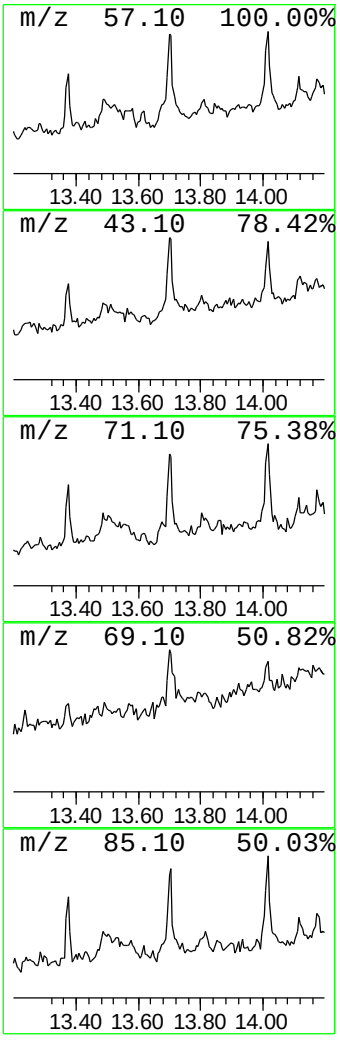
****

Peak Number 5 Oxalic acid, isobutyl penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.50 ng	86781	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	83
2	1-Chloroeicosane	316	C20H41Cl	042217-02-7	83
3	Cetene	224	C16H32	000629-73-2	78
4	Cyclononane, 1,1,4,4,7,7-hexamet...	210	C15H30	149331-19-1	70
5	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	64





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

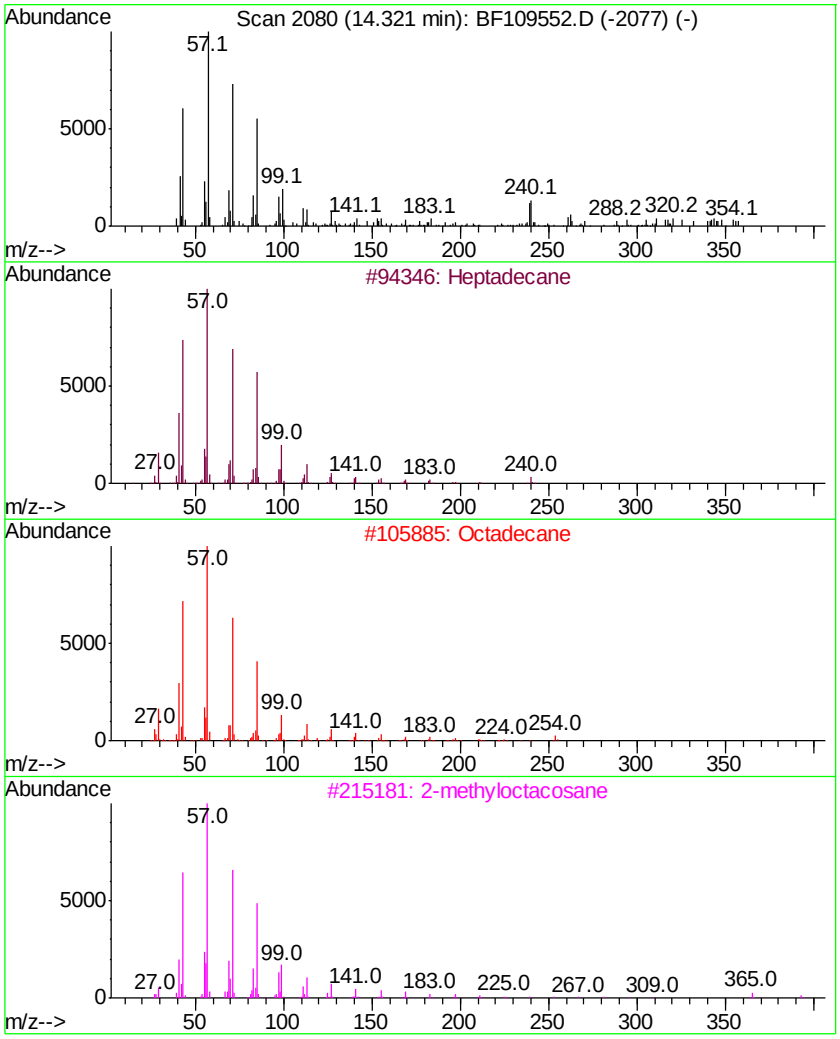
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

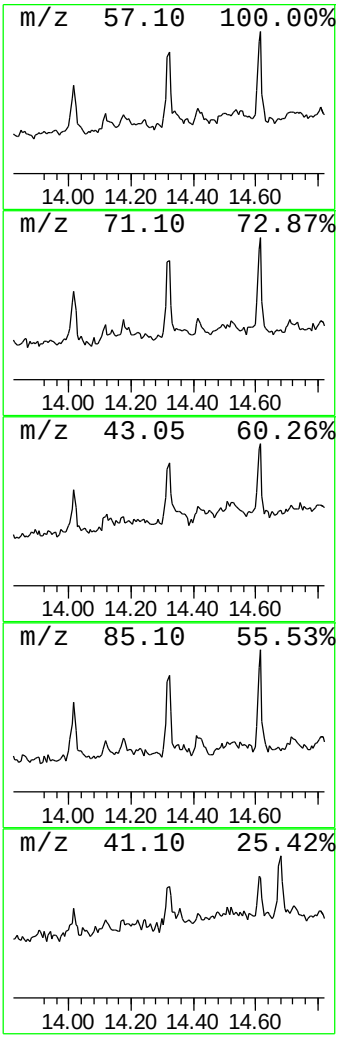
****

Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.11 ng	73213	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	68
2	Octadecane	254	C18H38	000593-45-3	62
3	2-methyloctacosane	408	C29H60	1000376-72-8	62
4	Nonadecane	268	C19H40	000629-92-5	58
5	Tetratetracontane	619	C44H90	007098-22-8	58





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

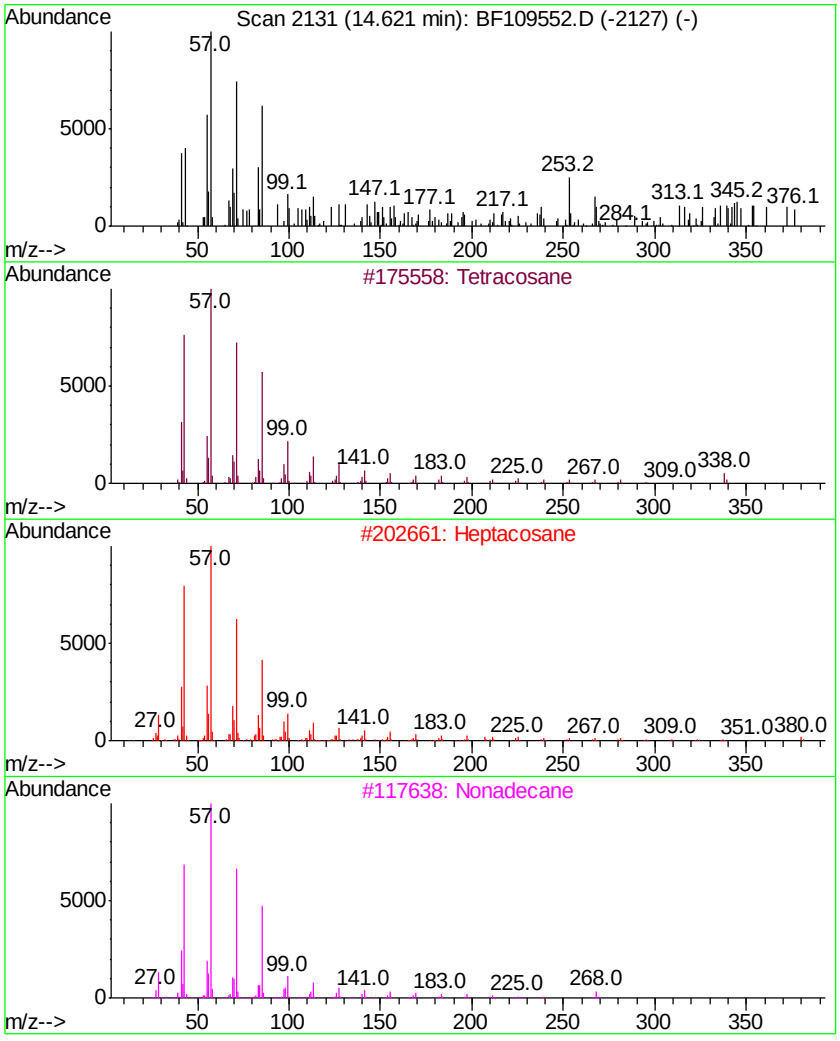
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

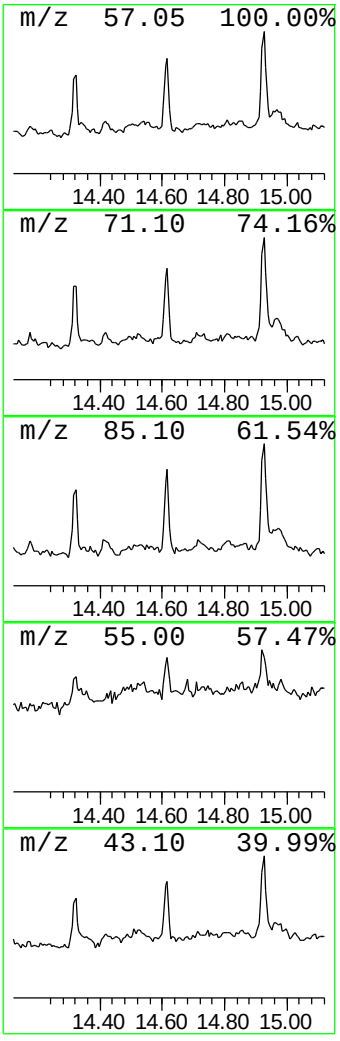
****

Peak Number 7 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	4.24 ng	81653	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Heptacosane	380	C27H56	000593-49-7	93
3	Nonadecane	268	C19H40	000629-92-5	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
Data File : BF109552.D
Acq On : 3 Oct 2018 17:51
Operator : JU/SJ
Sample : J5198-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	24.4	ng	664774	1	6.70	545346	20.0
Phenanthrene, 2-m...	11.75	2.0	ng	56392	4	11.21	550935	20.0
Hexacosane	12.31	3.2	ng	88079	4	11.21	550935	20.0
Oxalic acid, isob...	13.70	2.5	ng	86781	5	13.84	695608	20.0
Heptadecane	14.32	2.1	ng	73213	5	13.84	695608	20.0
Tetracosane	14.62	4.2	ng	81653	6	15.24	385229	20.0