LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104314.D
Acq On : 6 Apr 2018 19:17
Operator : JU/SJ
Sample : J2153-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-040418-B

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-BF040618.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	4.993	491	494	499	rVB	33340	32287	2.44%	0.223%
2	5.398	558	563	566	rBV	780885	718794	54.31%	4.971%
3	5.704	612	615	619	rVB	16410	14060	1.06%	0.097%
4	6.045	670	673	680	rVB2	12377	16293	1.23%	0.113%
5	6.328	718	721	724	rBV2	21956	22142	1.67%	0.153%
6	6.416	732	736	740	rVB	806806	718521	54.29%	4.969%
7	6.563	757	761	764	rVB	904187	750374	56.70%	5.189%
8	6.634	769	773	776	rBV2	87727	79608	6.02%	0.551%
9	6.798	798	801	806	rVB	953675	803084	60.68%	5.554%
10	6.857	808	811	813	rBV	22785	17507	1.32%	0.121%
11	6.957	824	828	831	rBV	670782	591097	44.66%	4.088%
12	7.075	845	848	851	rVB	34569	28639	2.16%	0.198%
13	7.104	851	853	854	rBV	17823	13508	1.02%	0.093%
14	7.139	857	859	864	rVB	24970	19768	1.49%	0.137%
15	7.192	864	868	871	rBV2	30696	38380	2.90%	0.265%
16	7.334	886	892	893	rBV4	27327	31624	2.39%	0.219%
17	7.357	893	896	899	rVV	509845	409558	30.95%	2.832%
18	7.398	900	903	906	rVB	183319	139149	10.51%	0.962%
19	7.445	906	911	914	rVB5	24578	37519	2.83%	0.259%
20	7.486	914	918	919	rBV3	13215	14668	1.11%	0.101%
21	7.604	935	938	941	rVB2	27449	33130	2.50%	0.229%
22	7.686	948	952	953	rBV3	13138	13830	1.04%	0.096%
23	7.704	953	955	957	rVV2	27776	27265	2.06%	0.189%
24	7.722	957	958	962	rVV4	30883	29238	2.21%	0.202%
25	7.769	962	966	968	rVB2	23868	25442	1.92%	0.176%
26	7.798	968	971	973	rBV3	28695	22593	1.71%	0.156%
27	7.834	973	977	982	rVB3	44613	60448	4.57%	0.418%
28	7.881	982	985	986	rBV	22507	18378	1.39%	0.127%
29	7.951	994	997	1001	rBV2	13702	14997	1.13%	0.104%
30	8.034	1006	1011	1013	rBV4	19069	29615	2.24%	0.205%
31	8.086	1013	1020	1023	rVV	1208203	1323471	100.00%	9.152%
32	8.145	1026	1030	1032	rVB	87775	77317	5.84%	0.535%
33	8.175	1032	1035	1037	rBV3	21862	21814	1.65%	0.151%
34	8.239	1042	1046	1047	rBV4	13582	14756	1.11%	0.102%

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Operator : JU/SJ
Sample : J2153-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-040418-B

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.281	1051	1053	1056	rVB3	23105	21259	1.61%	0.147%
36	8.375	1064	1069	1076	rVB5	55305	74776	5.65%	0.517%
37	8.428	1076	1078	1081	rVB3	35505	27567	2.08%	0.191%
38	8.463	1081	1084	1087	rBV2	55571	53551	4.05%	0.370%
39	8.504	1087	1091	1093	rBV	124278	98836	7.47%	0.683%
40	8.545	1096	1098	1101	rVB2	18859	17321	1.31%	0.120%
41	8.586	1103	1105	1108	rBV2	45302	35554	2.69%	0.246%
42	8.628	1108	1112	1113	rBV4	11012	13571	1.03%	0.094%
43	8.675	1117	1120	1123	rBV	427004	316312	23.90%	2.187%
44	8.739	1128	1131	1134	rVV2	36415	50836	3.84%	0.352%
45	8.775	1134	1137	1139	rVV3	37778	38620	2.92%	0.267%
46	8.798	1139	1141	1143	rVB	24892	18664	1.41%	0.129%
47	8.857	1149	1151	1155	rBV3	12240	20448	1.55%	0.141%
48	8.904	1155	1159	1162	rVV2	38649	51143	3.86%	0.354%
49	8.957	1166	1168	1170	rVV2	31860	30420	2.30%	0.210%
50	8.992	1172	1174	1178	rVV3	34950	45915	3.47%	0.318%
51	9.039	1178	1182	1186	rVB3	53742	53570	4.05%	0.370%
52	9.080	1186	1189	1191	rBV	35694	29973	2.26%	0.207%
53	9.104	1191	1193	1198	rVB	95691	80610	6.09%	0.557%
54	9.157	1198	1202	1205	rBV	1072279	815766	61.64%	5.641%
55	9.239	1212	1216	1221	rBV	374025	310638	23.47%	2.148%
56	9.310	1226	1228	1230	rVV2	25679	23078	1.74%	0.160%
57	9.357	1233	1236	1239	rVB4	15009	18283	1.38%	0.126%
58	9.428	1239	1248	1251	rBV4	25540	45330	3.43%	0.313%
59	9.469	1253	1255	1257	rVV3	14182	14543	1.10%	0.101%
60	9.492	1257	1259	1262	rVV	42044	43157	3.26%	0.298%
61	9.522	1262	1264	1266	rVV2	40525	31194	2.36%	0.216%
62	9.557	1266	1270	1273	rVV4	115417	164020	12.39%	1.134%
63	9.580	1273	1274	1277	rVV2	40495	31300	2.36%	0.216%
64	9.622	1277	1281	1283	rVV2	27018	29952	2.26%	0.207%
65	9.651	1284	1286	1292	rVB7	13834	19671	1.49%	0.136%
66	9.704	1292	1295	1298	rBV5	14438	18817	1.42%	0.130%
67	9.769	1304	1306	1311	rVB	243285	197839	14.95%	1.368%
68	9.839	1314	1318	1322	rVB	1338549	1130122	85.39%	7.815%
69	10.004	1342	1346	1349	rBV4	12541	18115	1.37%	0.125%
70	10.033	1349	1351	1354	rVV2	19743	18504	1.40%	0.128%
71	10.092	1357	1361	1365	rVB4	28503	35868	2.71%	0.248%

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-040418-B

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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.269	1388	1391	1394	rVB	161318	126181	9.53%	0.873%
73	10.492	1423	1429	1431	rBV	37798	42602	3.22%	0.295%
74	10.622	1446	1451	1455	rBV	542412	433738	32.77%	2.999%
75	10.745	1469	1472	1482	rVB	116467	129443	9.78%	0.895%
76	11.192	1545	1548	1551	rBV2	58114	46420	3.51%	0.321%
77	11.222	1551	1553	1558	rVB2	15952	14913	1.13%	0.103%
78	11.327	1567	1571	1574	rBV	1055078	977054	73.83%	6.757%
79	11.621	1618	1621	1623	rVB	29116	21648	1.64%	0.150%
80	12.416	1753	1756	1760	rVB2	14028	15068	1.14%	0.104%
81	12.910	1836	1840	1844	rBV	712784	576757	43.58%	3.989%
82	13.810	1990	1993	1996	rBV4	17402	19658	1.49%	0.136%
83	13.963	2015	2019	2023	rBV	901830	801468	60.56%	5.542%
84	15.086	2207	2210	2214	rVB2	20174	26666	2.01%	0.184%
85	15.421	2262	2267	2272	rBV	703238	824876	62.33%	5.704%
86	15.462	2272	2274	2280	rVB3	25484	30891	2.33%	0.214%
87	15.892	2344	2347	2352	rVB2	19404	25853	1.95%	0.179%
88	16.392	2427	2432	2438	rBV3	19405	37292	2.82%	0.258%
89	16.545	2456	2458	2467	rVB8	15527	24076	1.82%	0.166%
90	16.980	2527	2532	2539	rBV10	13382	31798	2.40%	0.220%

Sum of corrected areas: 14460419

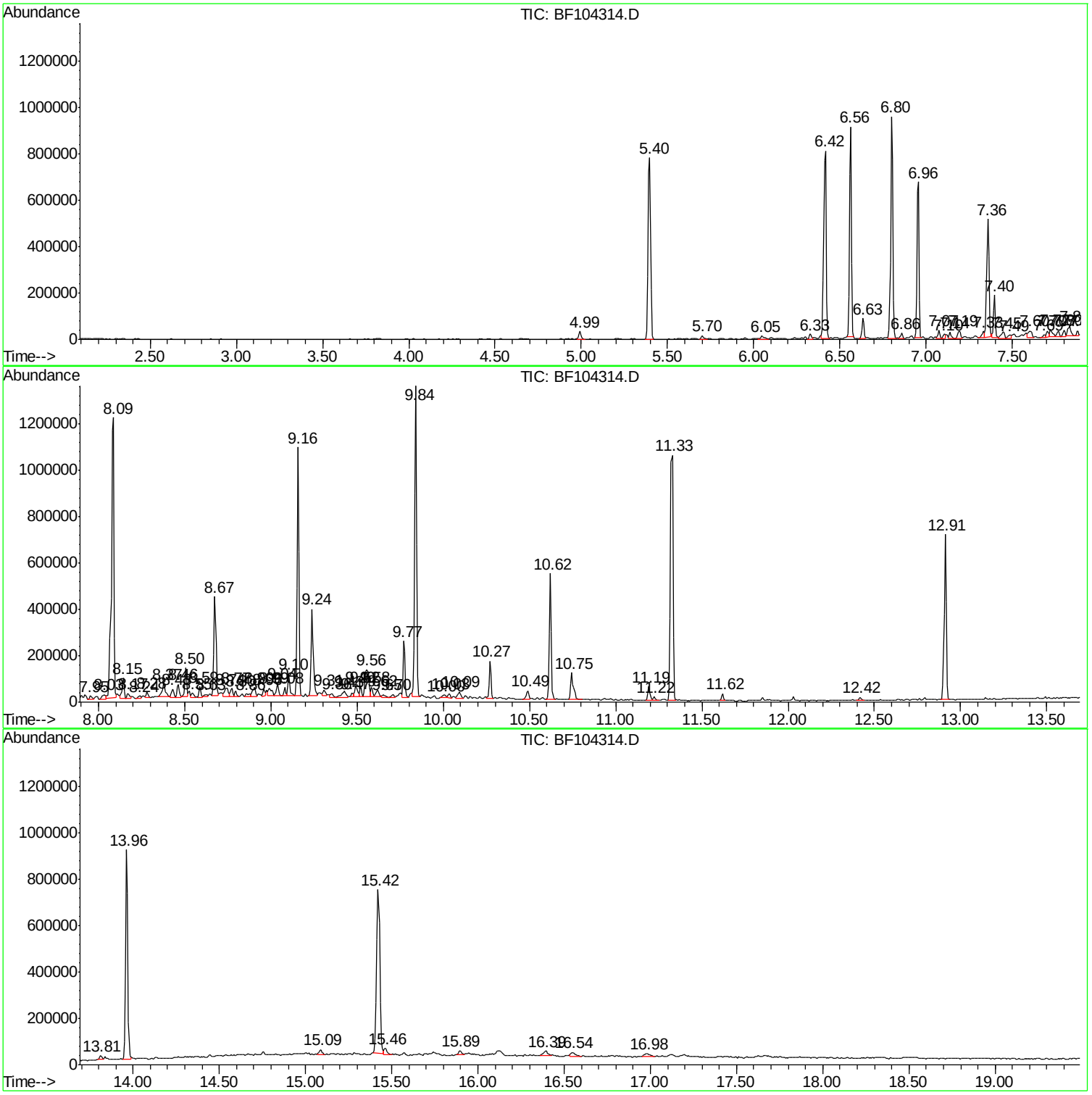
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104314.D
Acq On : 6 Apr 2018 19:17
Operator : JU/SJ
Sample : J2153-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-040418-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF040618\
Data File : BF104314.D
Acq On : 6 Apr 2018 19:17
Operator : JU/SJ
Sample : J2153-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-040418-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

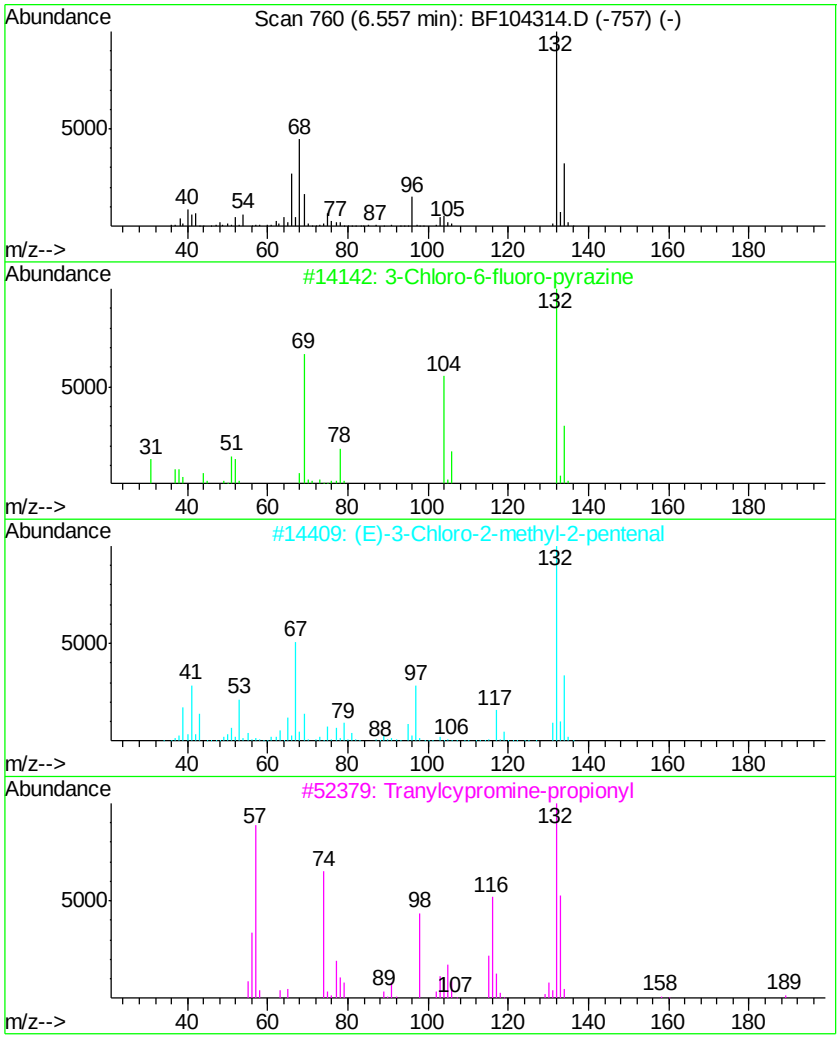
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

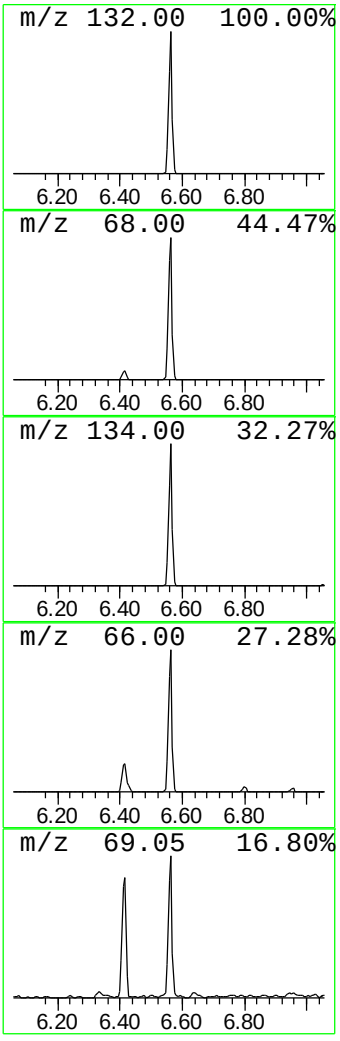
****

Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	18.69 ng	750374	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104314.D
Acq On : 6 Apr 2018 19:17
Operator : JU/SJ
Sample : J2153-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-040418-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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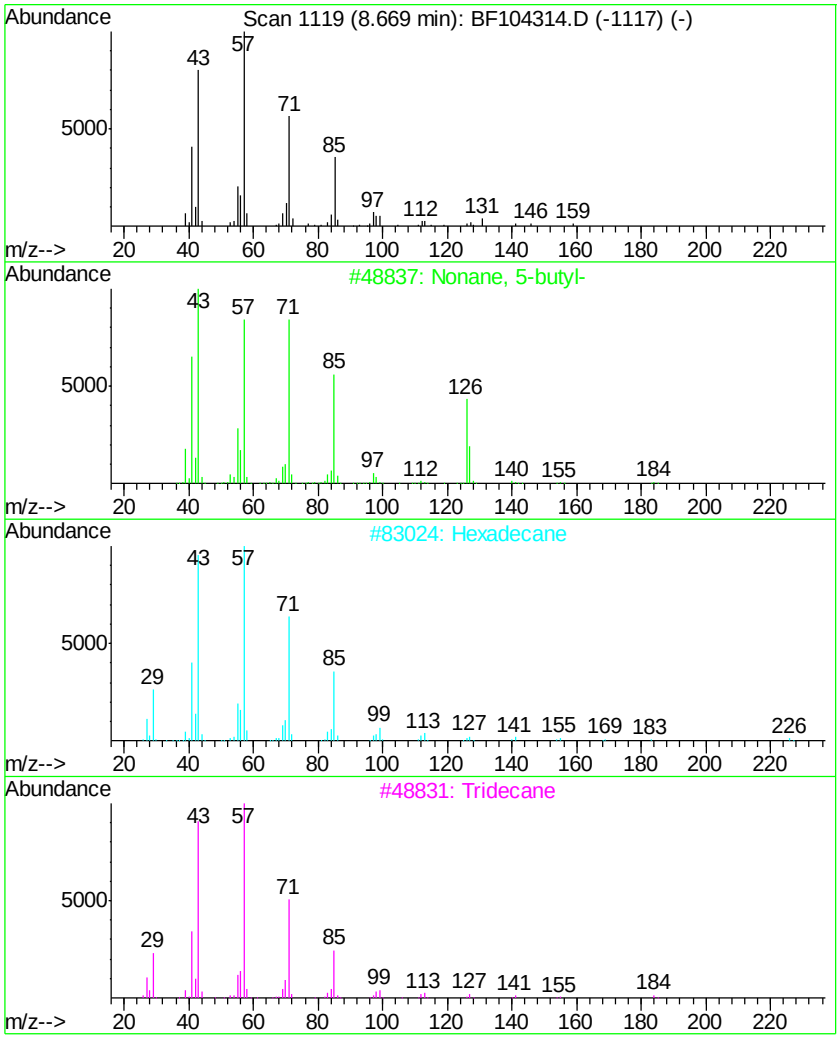
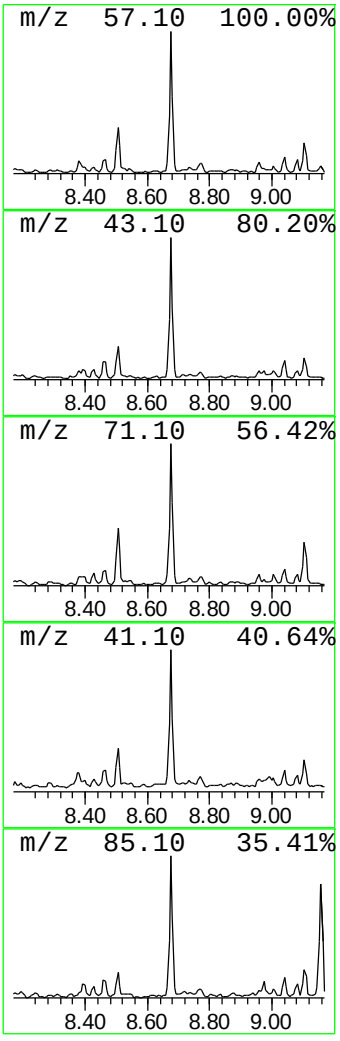
Peak Number 3 Nonane, 5-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	4.78 ng	316312	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane	184	C13H28	000629-50-5	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83





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Sample : J2153-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : HR-06-040418-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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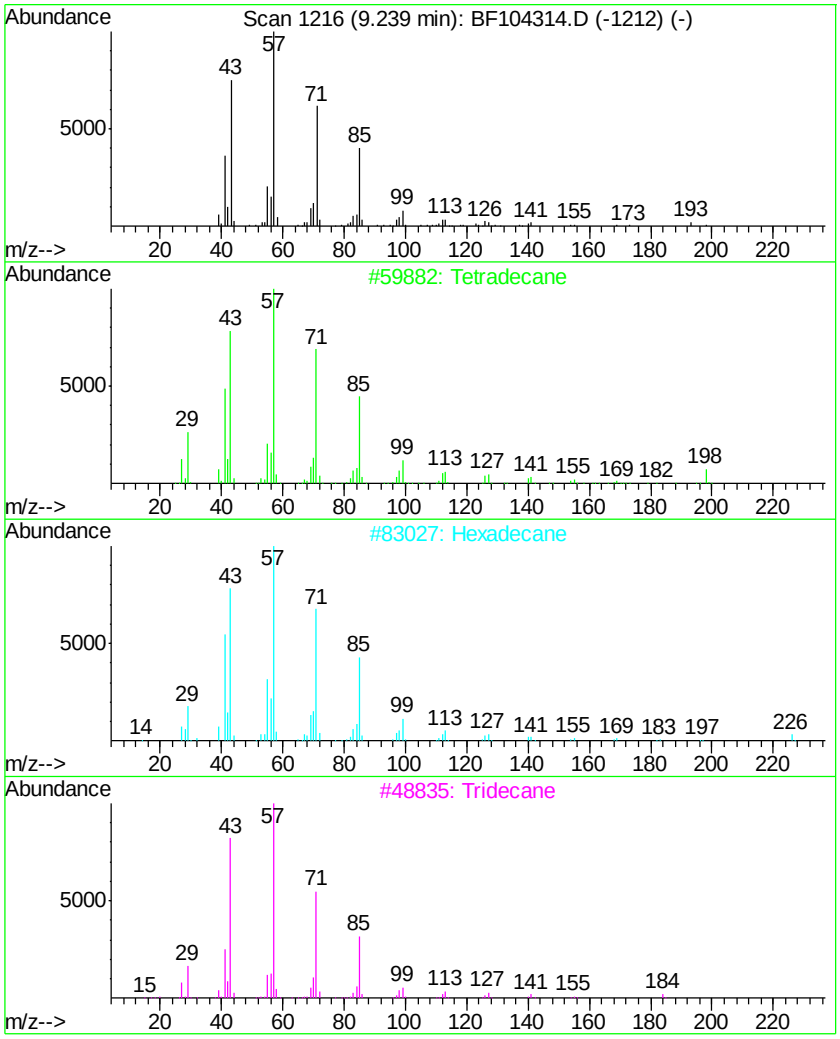
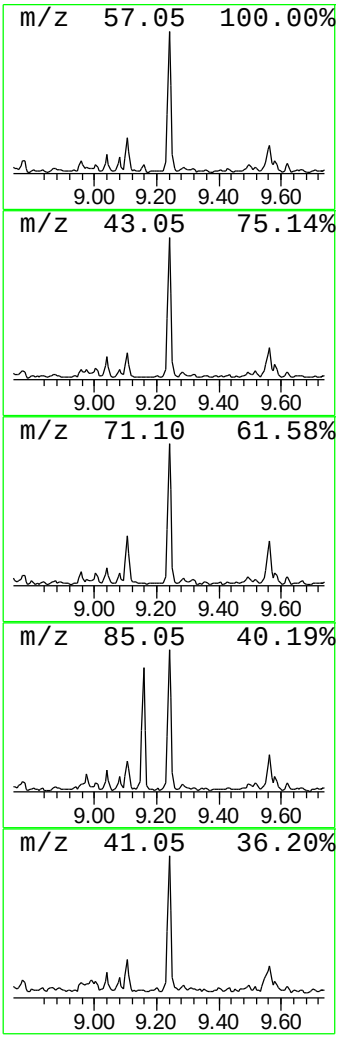
Peak Number 4 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	5.50 ng	310638	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	80





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
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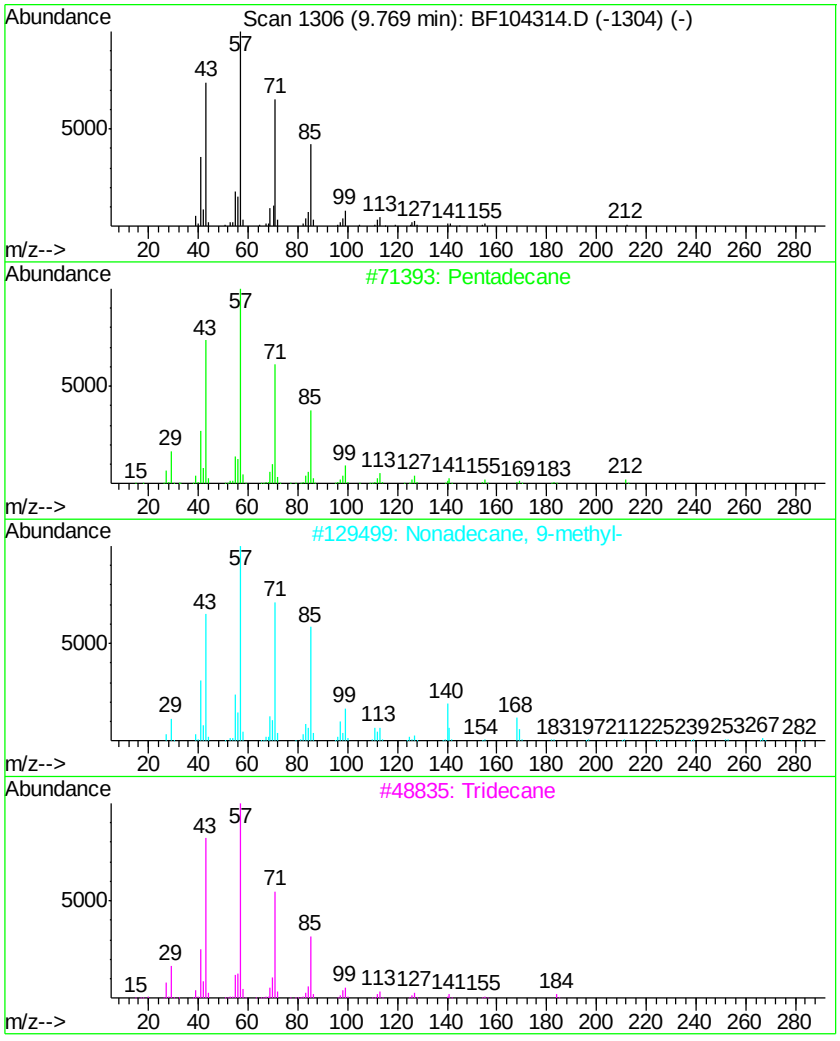
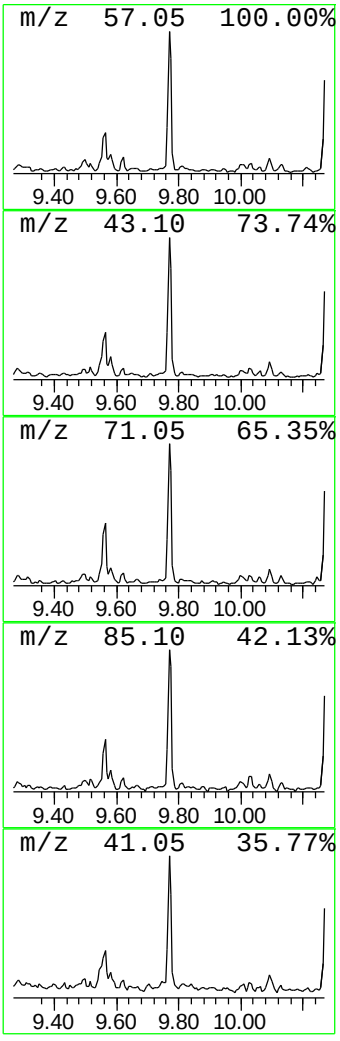
Peak Number 6 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.50 ng	197839	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	64





Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
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Sample : J2153-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-040418-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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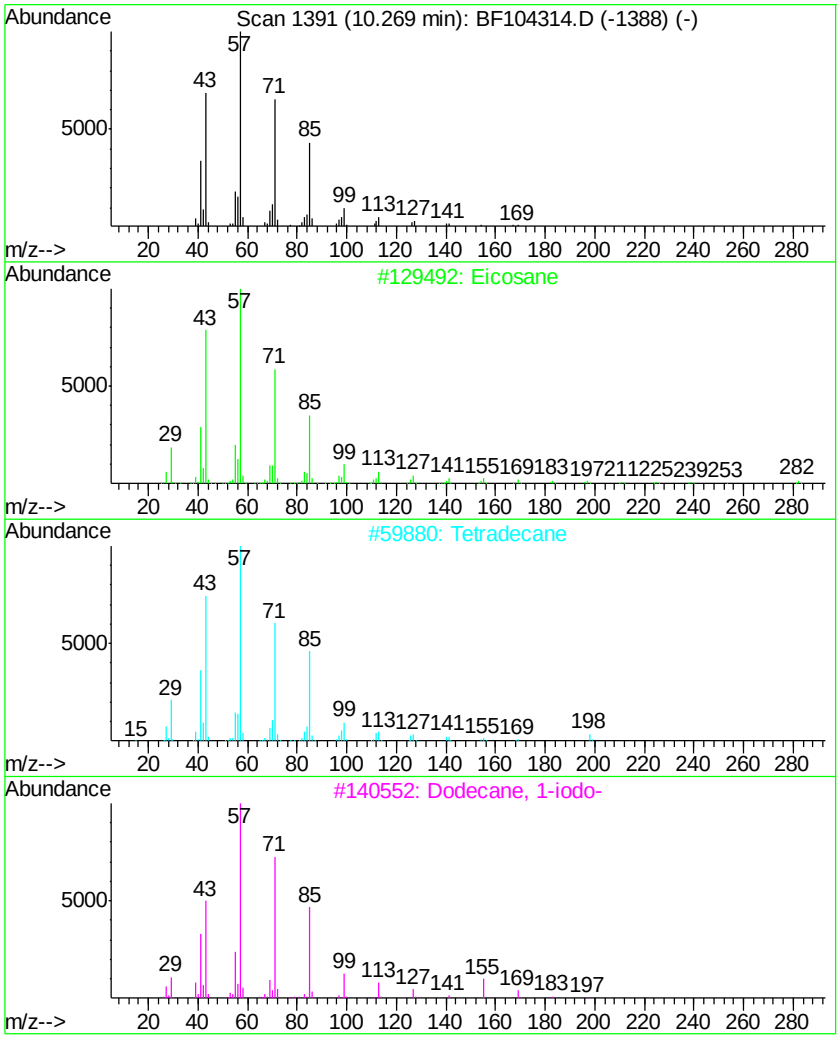
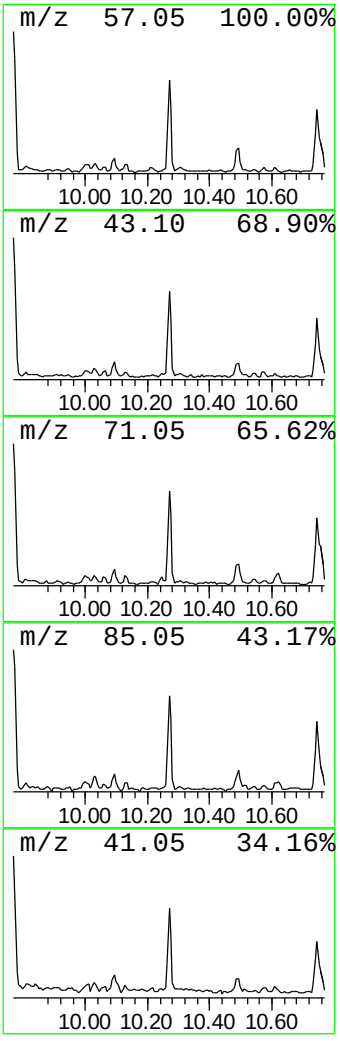
Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.23 ng	126181	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83





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Sample : J2153-03 5X
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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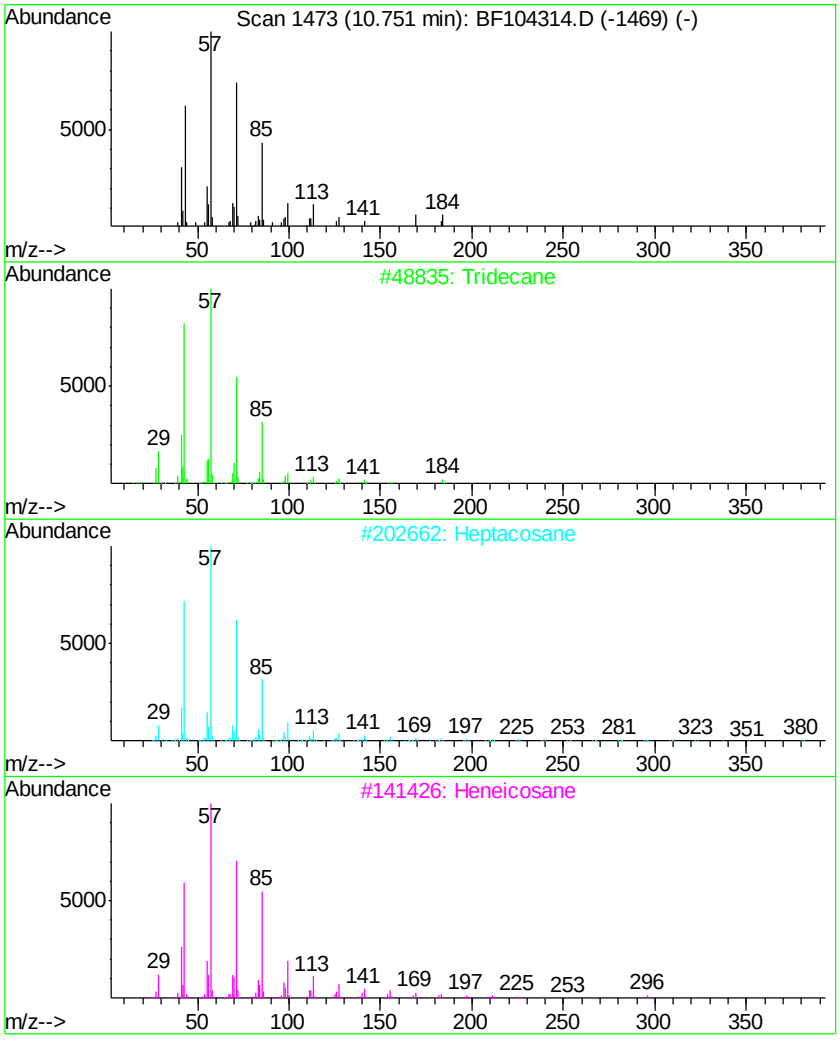
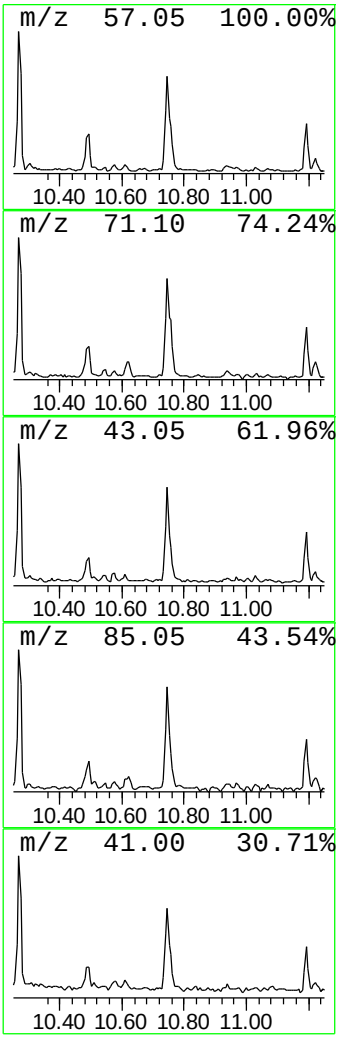
Peak Number 8 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.65 ng	129443	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF040618\
Data File : BF104314.D
Acq On : 6 Apr 2018 19:17
Operator : JU/SJ
Sample : J2153-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-040418-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
unknown6.56	6.56	18.7	ng	750374	1	6.80	803084	20.0
Nonane, 5-butyl-	8.67	4.8	ng	316312	2	8.09	1323470	20.0
Tetradecane	9.24	5.5	ng	310638	3	9.84	1130120	20.0
Pentadecane	9.77	3.5	ng	197839	3	9.84	1130120	20.0
Eicosane	10.27	2.2	ng	126181	3	9.84	1130120	20.0
Tridecane	10.75	2.6	ng	129443	4	11.33	977054	20.0