LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091063.D
Acq On : 7 Nov 2016 18:33
Operator : UM/SJ
Sample : H5543-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

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-BF110316.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	1.767	5	7	31	rVV	2180848	5264876	71.73%	5.504%
2	2.064	31	33	58	rVB2	107601	476749	6.50%	0.498%
3	4.098	208	211	220	rBV	364688	596794	8.13%	0.624%
4	4.807	270	273	283	rBV	827656	1288432	17.55%	1.347%
5	5.264	310	313	315	rBV	3110930	3743479	51.00%	3.913%
6	6.327	403	406	408	rBV	3600487	4670092	63.63%	4.882%
7	6.441	413	416	418	rVV	4127923	4572159	62.29%	4.779%
8	6.510	420	422	425	rVB	244534	240398	3.28%	0.251%
9	6.670	433	436	437	rBV	1166296	1070141	14.58%	1.119%
10	6.693	437	438	440	rVB	167263	133168	1.81%	0.139%
11	6.727	440	441	446	rVB3	35215	81510	1.11%	0.085%
12	6.819	447	449	452	rVB	2309748	3212132	43.76%	3.358%
13	6.956	458	461	463	rVB2	67467	115674	1.58%	0.121%
14	7.024	465	467	469	rVB	87836	79564	1.08%	0.083%
15	7.242	483	486	488	rBV	2536340	2643895	36.02%	2.764%
16	7.287	488	490	492	rVB	63428	88877	1.21%	0.093%
17	7.950	546	548	551	rBV	1167814	1438922	19.60%	1.504%
18	9.036	640	643	646	rVV	4481061	4228615	57.61%	4.420%
19	9.127	648	651	654	rBV	194289	207141	2.82%	0.217%
20	9.310	662	667	669	rBV2	32855	81256	1.11%	0.085%
21	9.436	676	678	680	rVV	1643309	1555147	21.19%	1.626%
22	9.528	685	686	688	rBV	106275	107067	1.46%	0.112%
23	9.653	696	697	699	rBV	537870	538466	7.34%	0.563%
24	9.710	699	702	704	rBV	2137373	1965273	26.77%	2.054%
25	9.893	714	718	719	rBV	136808	257306	3.51%	0.269%
26	9.916	719	720	721	rVV	192101	148626	2.02%	0.155%
27	9.950	721	723	724	rVB2	73140	81127	1.11%	0.085%
28	9.973	724	725	727	rVB	277101	377198	5.14%	0.394%
29	10.019	727	729	730	rBV	132290	186145	2.54%	0.195%
30	10.042	730	731	733	rVB	136497	117436	1.60%	0.123%
31	10.110	733	737	739	rBV3	146259	421427	5.74%	0.441%
32	10.156	739	741	743	rBV	1974060	1862614	25.38%	1.947%
33	10.270	748	751	753	rBV3	189065	426733	5.81%	0.446%
34	10.373	757	760	763	rBV	1522723	2804494	38.21%	2.932%

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Acq On : 7 Nov 2016 18:33
Operator : UM/SJ
Sample : H5543-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.430	763	765	766	rVB	453188	381387	5.20%	0.399%
36	10.465	766	768	769	rBV	564218	635161	8.65%	0.664%
37	10.499	769	771	773	rBV2	2225773	2349085	32.00%	2.456%
38	10.533	773	774	775	rBV	196313	175769	2.39%	0.184%
39	10.636	780	783	786	rBV	4051450	7340022	100.00%	7.673%
40	10.693	786	788	790	rVB3	221979	406513	5.54%	0.425%
41	10.831	797	800	801	rBV	817448	1298891	17.70%	1.358%
42	10.888	804	805	806	rBV	470847	524827	7.15%	0.549%
43	10.922	806	808	810	rVV	811022	1197995	16.32%	1.252%
44	10.956	810	811	813	rVV2	905076	1332466	18.15%	1.393%
45	11.002	813	815	817	rVV2	520493	1095150	14.92%	1.145%
46	11.082	820	822	824	rVV	4180800	5852650	79.74%	6.118%
47	11.116	824	825	828	rVV	3244100	3111094	42.39%	3.252%
48	11.196	830	832	833	rVV	1767029	1816129	24.74%	1.898%
49	11.253	836	837	842	rVB2	651921	1509274	20.56%	1.578%
50	11.391	847	849	850	rVV	544517	589140	8.03%	0.616%
51	11.459	853	855	857	rVV	776349	897758	12.23%	0.938%
52	11.505	857	859	862	rVB	3234748	2897891	39.48%	3.029%
53	11.665	871	873	874	rBV2	262440	325570	4.44%	0.340%
54	11.768	880	882	883	rVB	212505	220255	3.00%	0.230%
55	11.802	883	885	890	rVB2	451623	908445	12.38%	0.950%
56	11.882	890	892	893	rBV	87417	103872	1.42%	0.109%
57	11.905	893	894	898	rVB	945909	970060	13.22%	1.014%
58	12.248	922	924	925	rBV	125865	158365	2.16%	0.166%
59	12.294	927	928	930	rVB	223049	187619	2.56%	0.196%
60	12.328	930	931	935	rVB3	95818	127282	1.73%	0.133%
61	12.396	935	937	940	rBV	887103	965946	13.16%	1.010%
62	12.625	954	957	959	rBV	1015597	976487	13.30%	1.021%
63	12.671	959	961	964	rVB3	101252	170610	2.32%	0.178%
64	12.785	968	971	973	rVV	2970058	3992773	54.40%	4.174%
65	12.854	974	977	982	rBV4	61671	129888	1.77%	0.136%
66	12.956	982	986	988	rVB2	129716	236496	3.22%	0.247%
67	13.025	990	992	993	rVV	146680	132379	1.80%	0.138%
68	13.059	993	995	999	rVV	144407	168569	2.30%	0.176%
69	13.151	1001	1003	1004	rVV	108085	114150	1.56%	0.119%
70	13.368	1019	1022	1023	rBV	119530	147480	2.01%	0.154%
71	13.471	1029	1031	1034	rVB3	66126	123257	1.68%	0.129%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.574	1037	1040	1041	rBV2	107401	169889	2.31%	0.178%
73	13.688	1047	1050	1058	rVB2	336852	626702	8.54%	0.655%
74	13.825	1059	1062	1067	rVB2	1355613	2092829	28.51%	2.188%
75	14.008	1076	1078	1081	rVB2	129573	156135	2.13%	0.163%
76	14.214	1094	1096	1097	rBV	94339	110014	1.50%	0.115%
77	14.317	1103	1105	1110	rVB3	139895	263642	3.59%	0.276%
78	14.408	1111	1113	1116	rVB2	97554	136754	1.86%	0.143%
79	14.602	1128	1130	1133	rBV2	96213	168554	2.30%	0.176%
80	14.819	1147	1149	1155	rVB	333824	668959	9.11%	0.699%
81	14.911	1155	1157	1159	rBV2	92847	141243	1.92%	0.148%
82	15.094	1171	1173	1176	rBV	186533	282285	3.85%	0.295%
83	15.151	1176	1178	1180	rVB	270060	356841	4.86%	0.373%
84	15.208	1180	1183	1185	rBV	849717	1092657	14.89%	1.142%
85	15.631	1218	1220	1222	rBV	62615	81333	1.11%	0.085%
86	16.202	1267	1270	1277	rVB7	79345	233402	3.18%	0.244%
87	16.500	1293	1296	1301	rVB	119221	228523	3.11%	0.239%
88	16.888	1327	1330	1334	rBV	88610	200296	2.73%	0.209%

Sum of corrected areas: 95663696

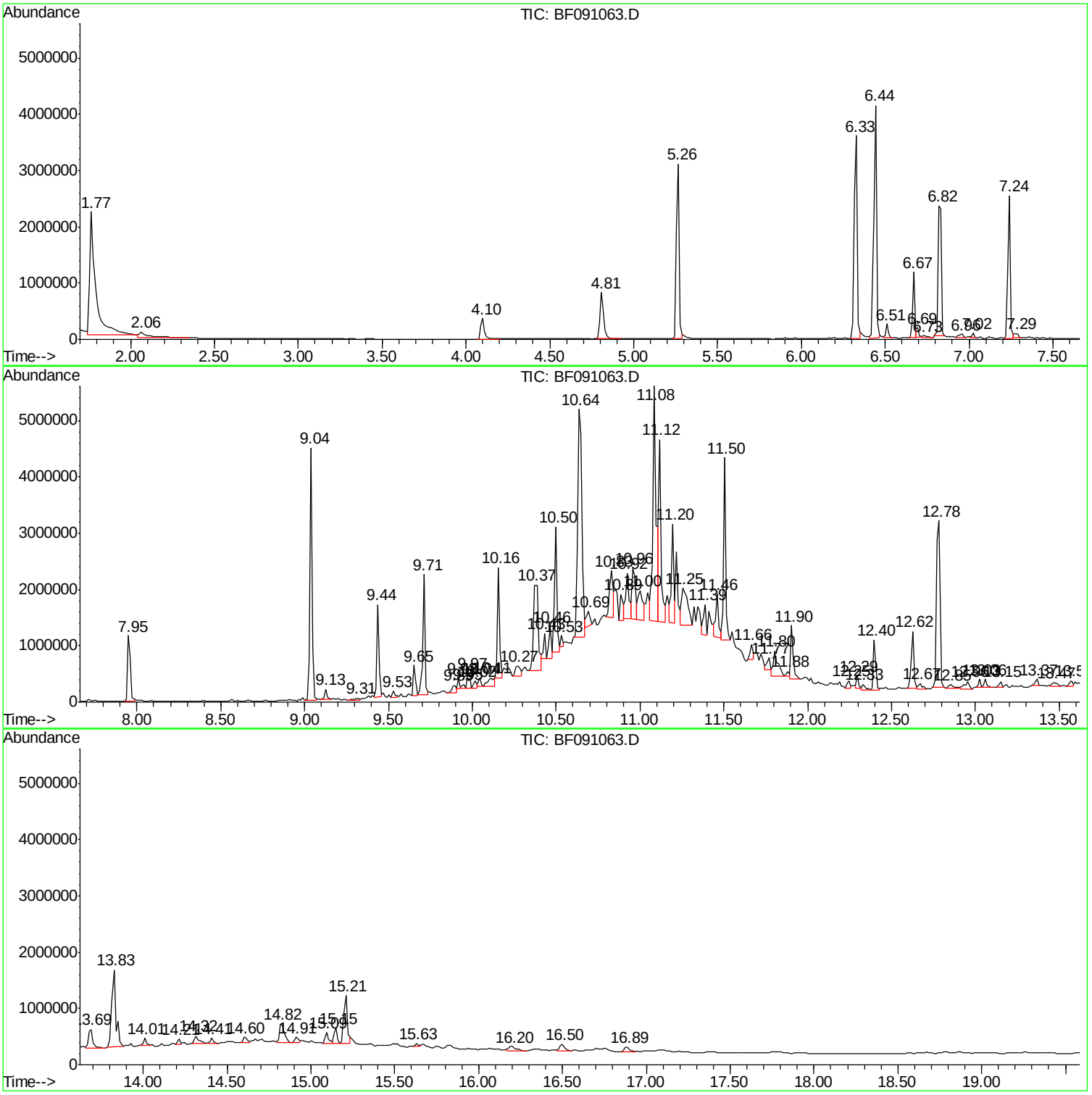
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091063.D
Acq On : 7 Nov 2016 18:33
Operator : UM/SJ
Sample : H5543-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091063.D
Acq On : 7 Nov 2016 18:33
Operator : UM/SJ
Sample : H5543-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

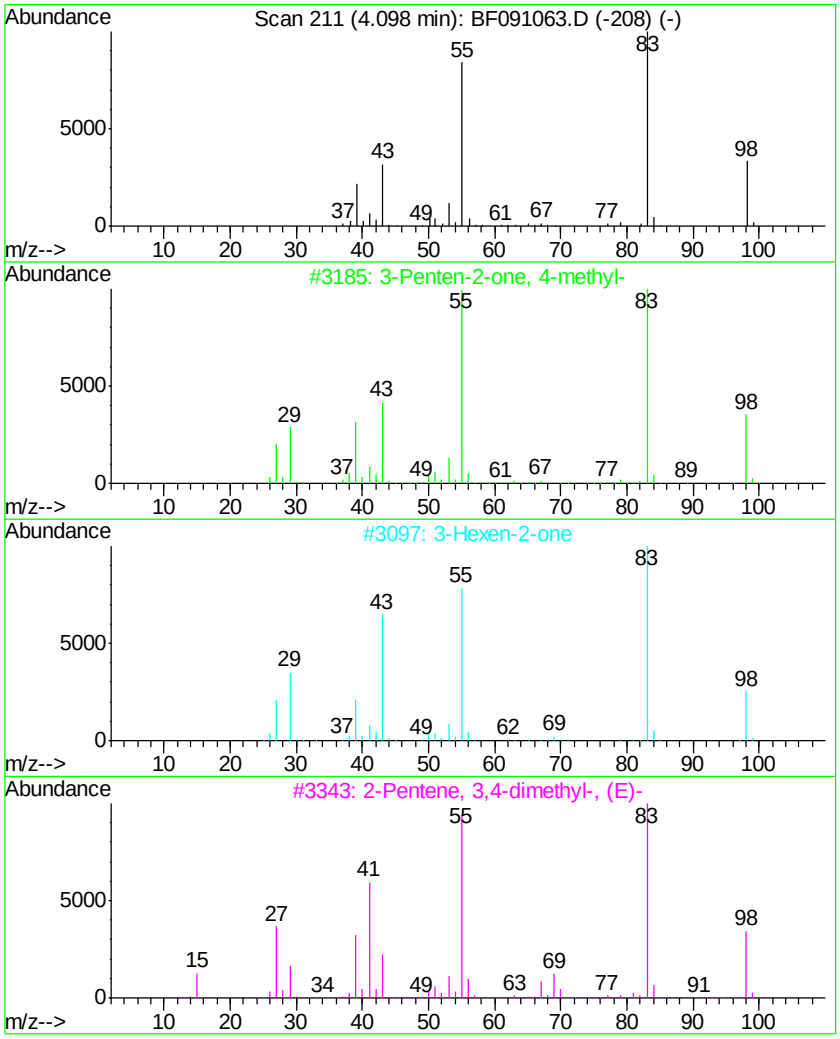
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

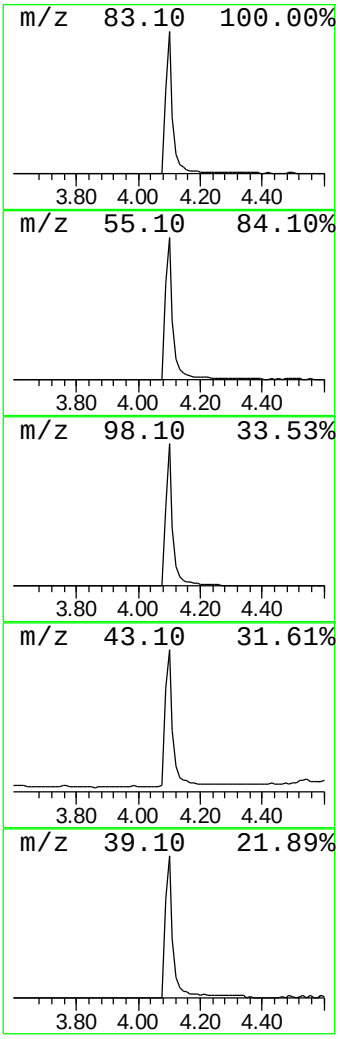
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	11.15 ng	596794	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
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Acq On : 7 Nov 2016 18:33
Operator : UM/SJ
Sample : H5543-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

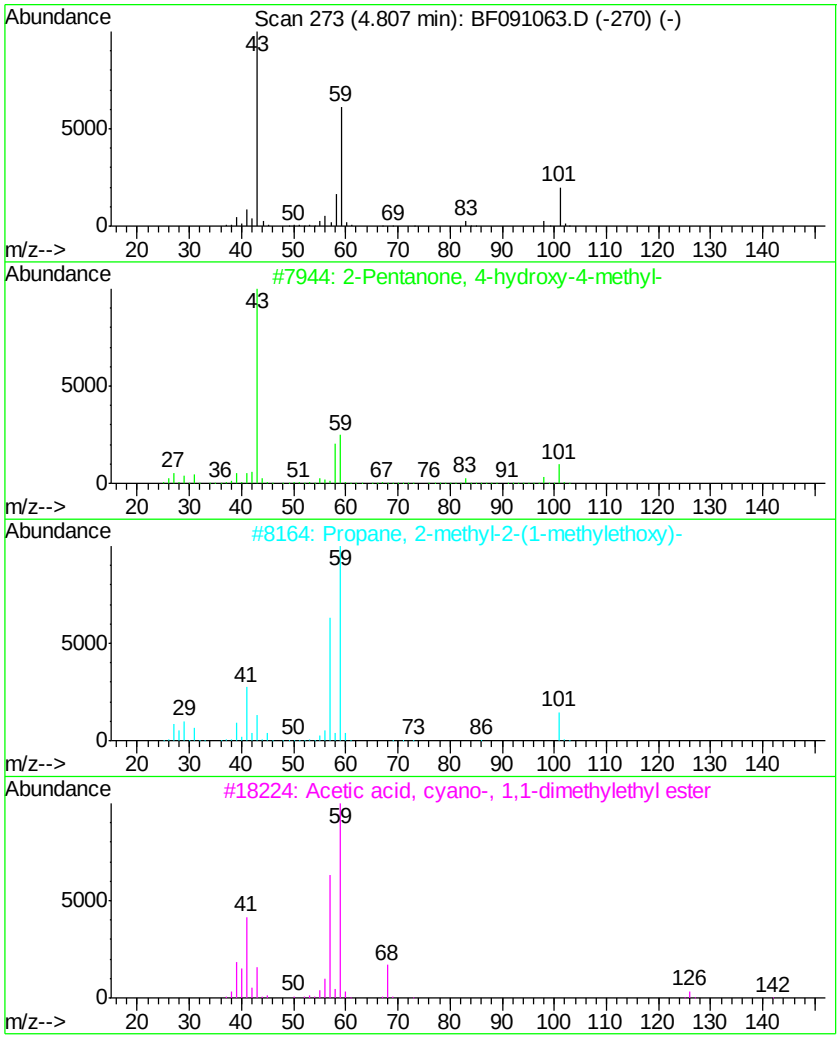
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

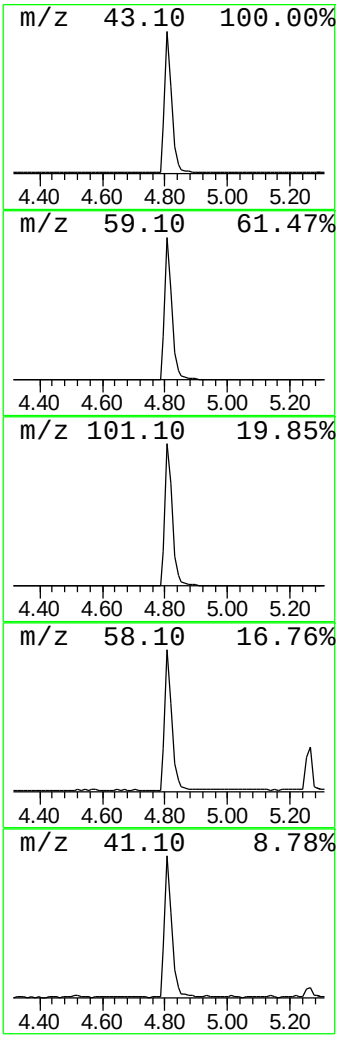
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	24.08 ng	1288430	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

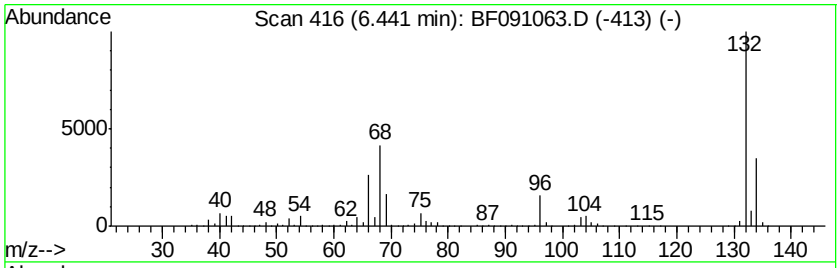
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

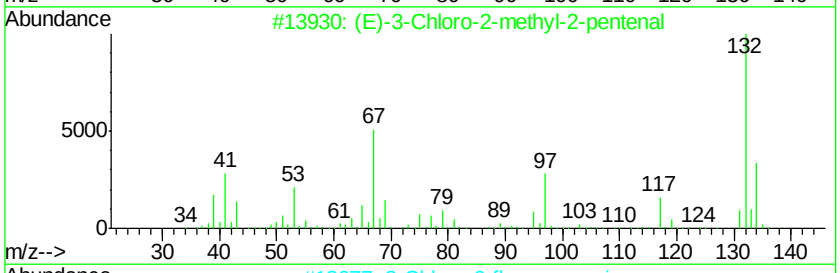
****

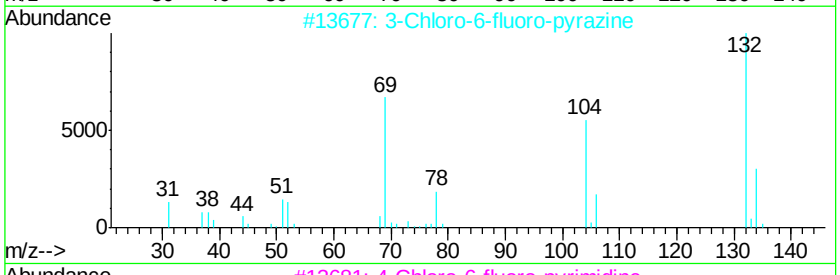
Peak Number 5 unknown6.44 Concentration Rank 2

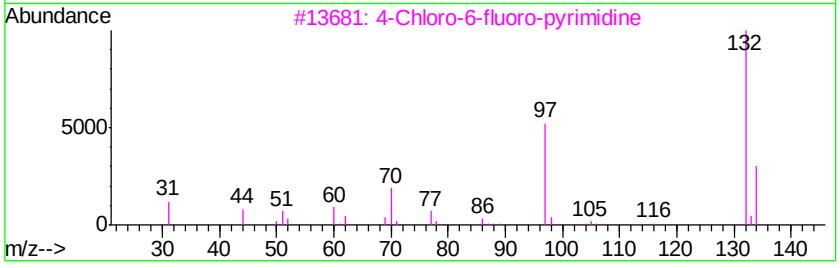
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	85.45 ng	4572160	1,4-Dichlorobenzene-d4	6.67

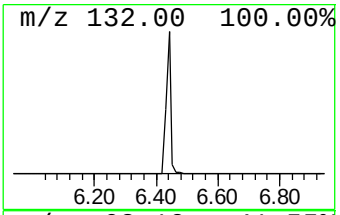
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9

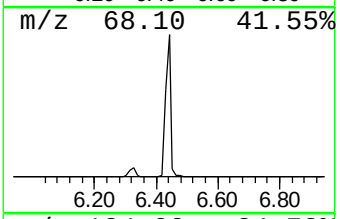


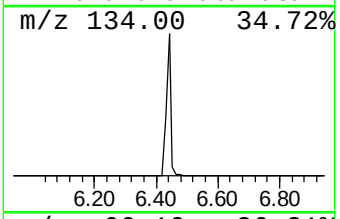


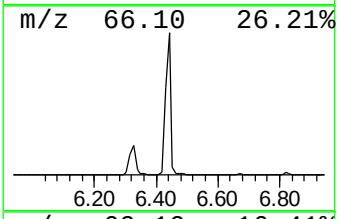


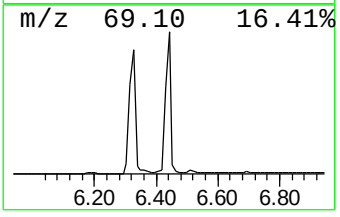












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Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

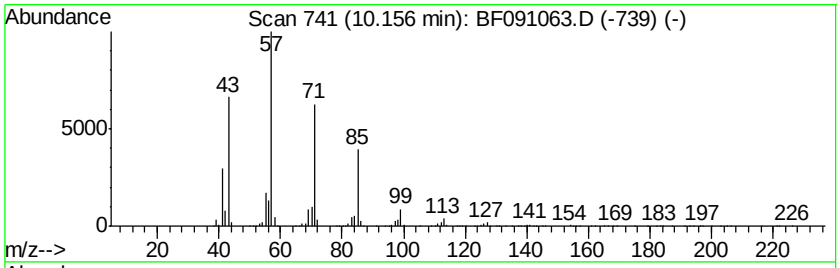
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

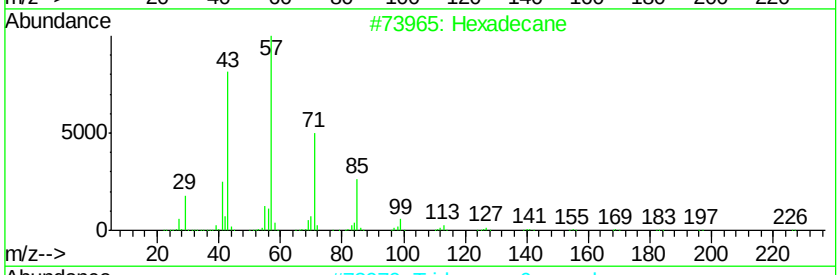
****

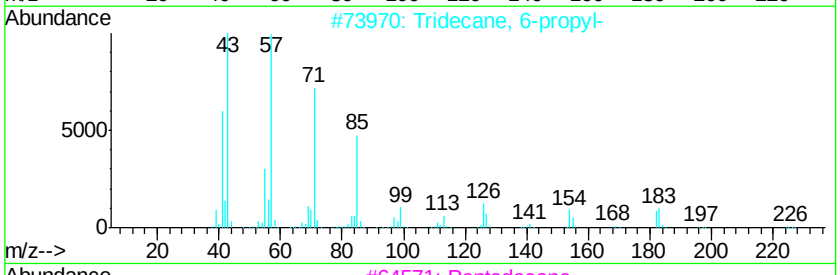
Peak Number 7 Hexadecane Concentration Rank 10

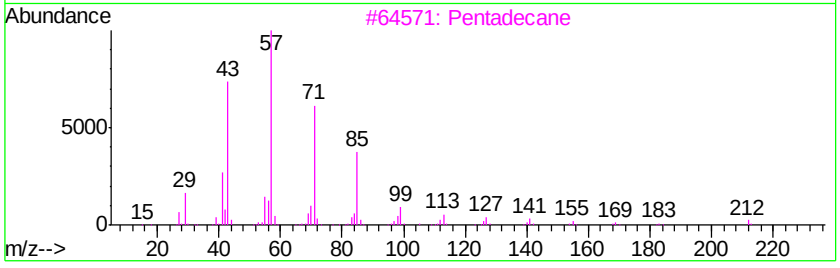
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	18.96 ng	1862610	Acenaphthene-d10	9.71

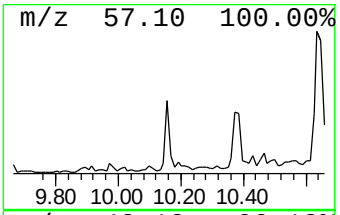
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
3	Pentadecane	212	C15H32	000629-62-9	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	80

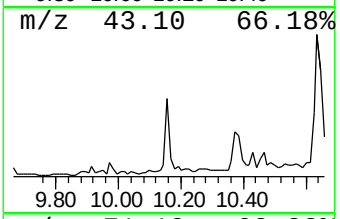


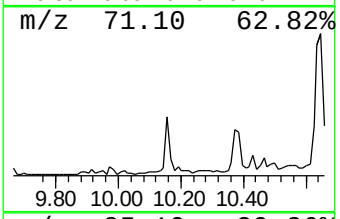


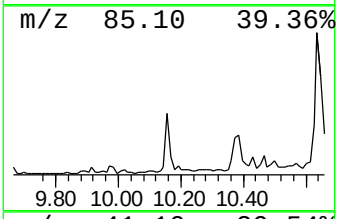


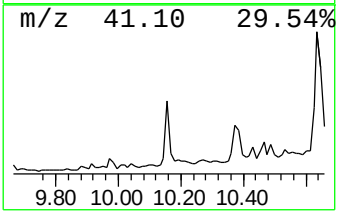












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Acq On : 7 Nov 2016 18:33
Operator : UM/SJ
Sample : H5543-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : SB-109-0.5-1.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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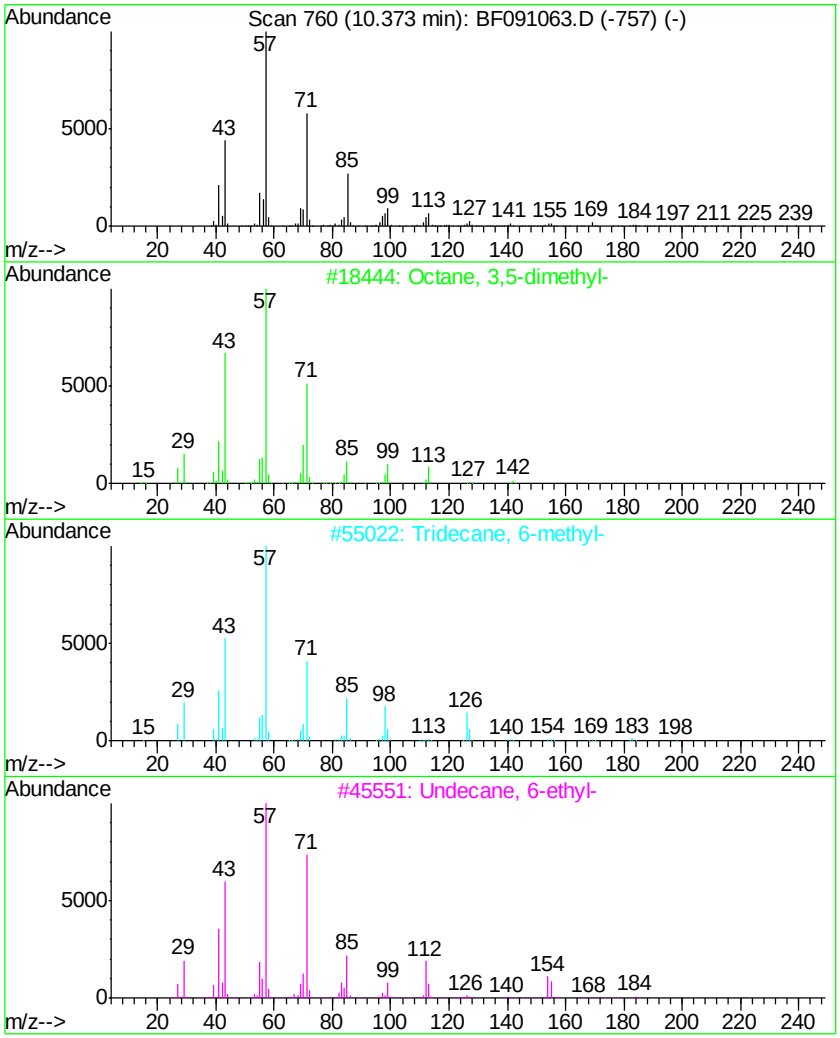
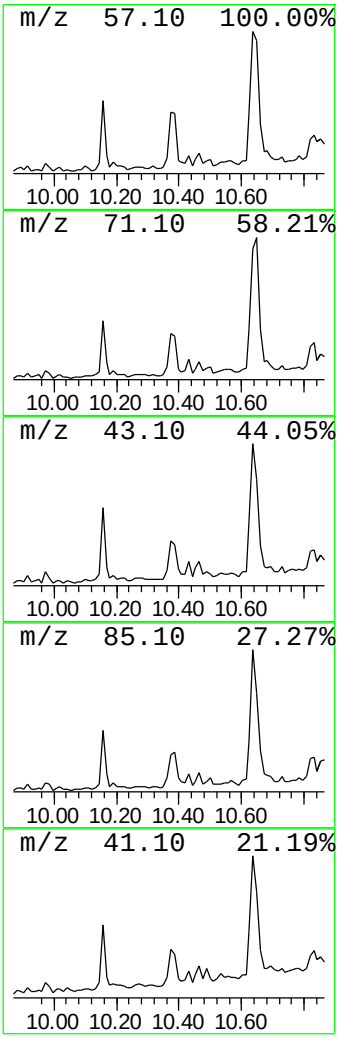
Peak Number 8 Octane, 3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	28.54 ng	2804490	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	83
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	68
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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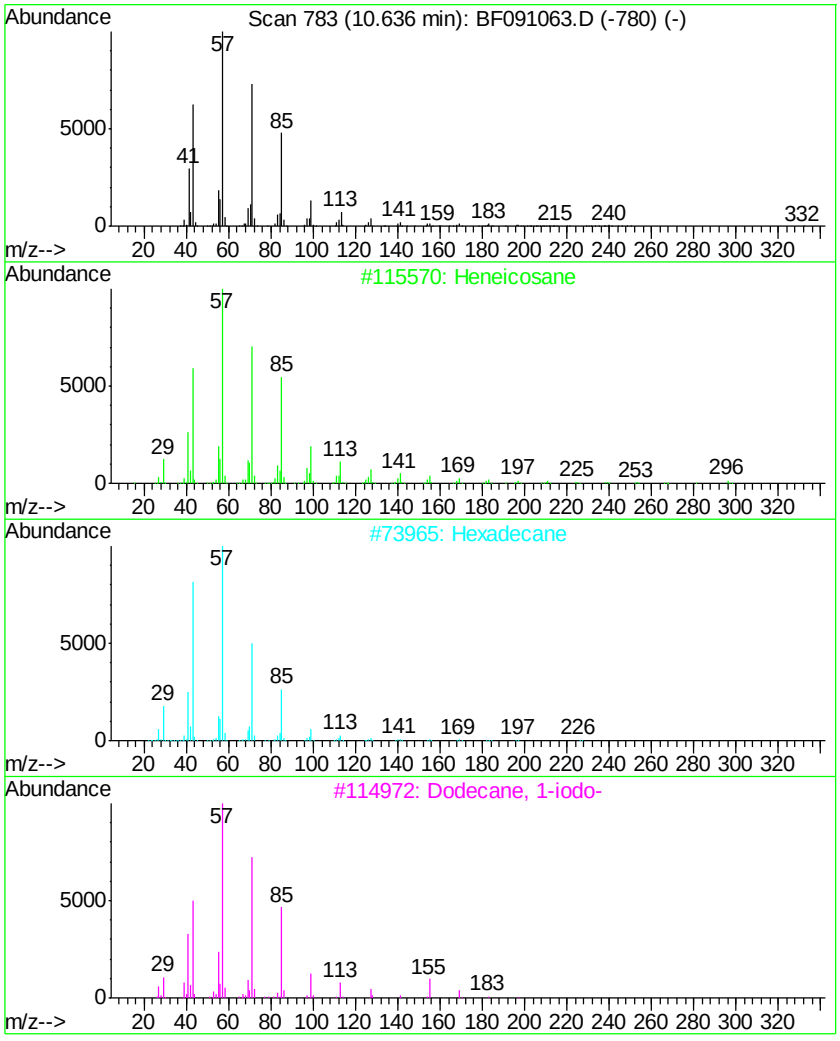
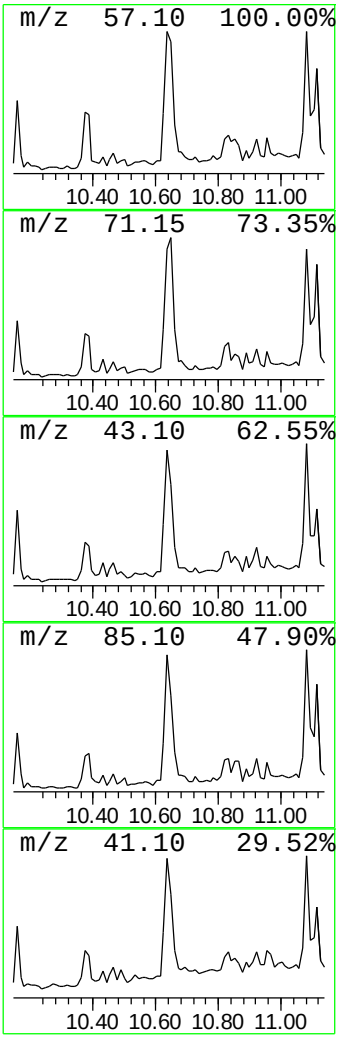
Peak Number 9 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	80.83 ng	7340020	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5	Decane, 5-propyl-	184	C13H28	017312-62-8	68





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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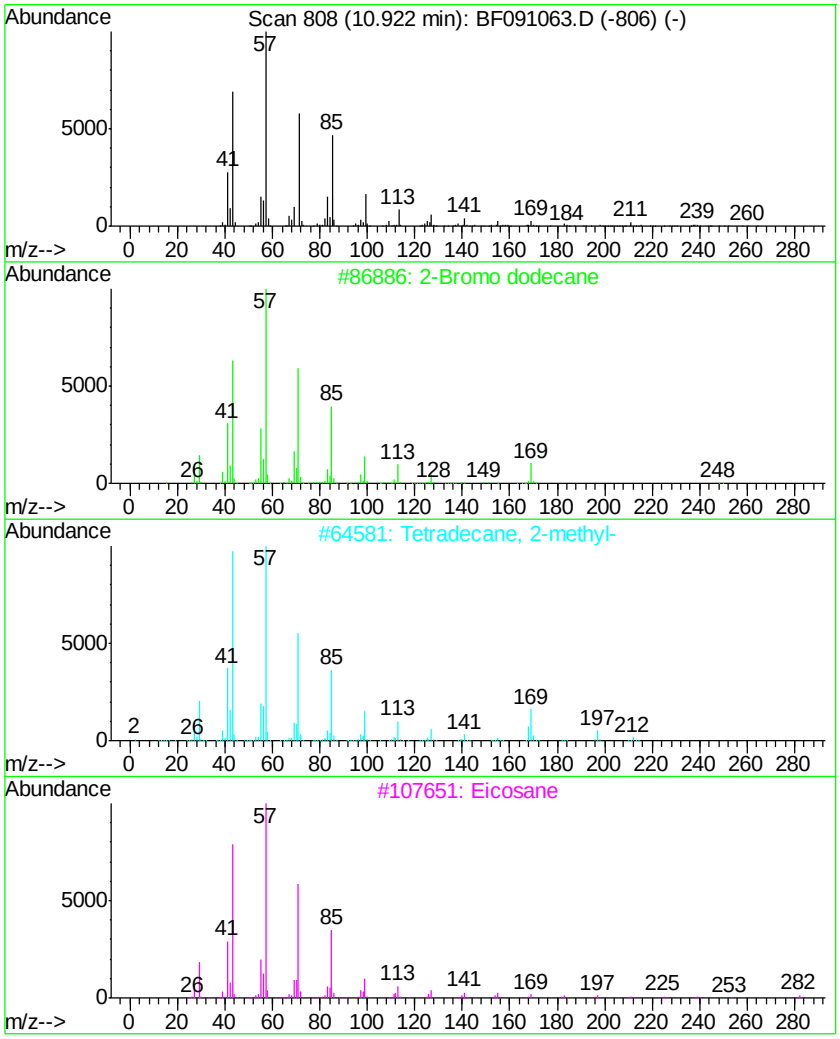
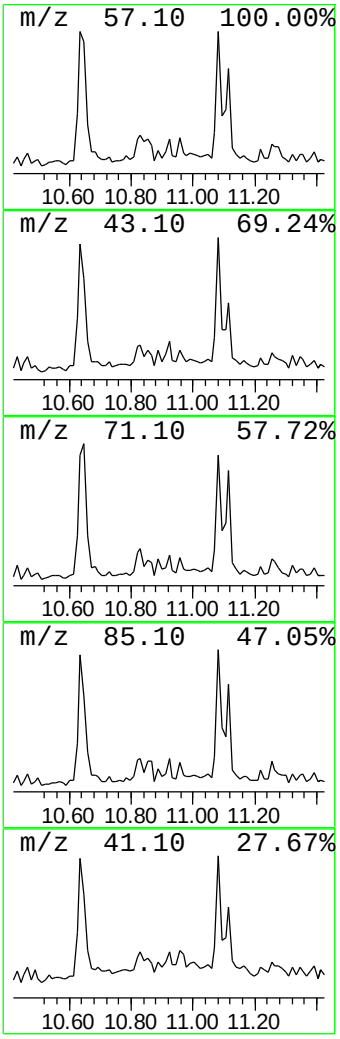
Peak Number 11 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	13.19 ng	1198000	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	78
3	Eicosane	282	C20H42	000112-95-8	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64





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Sample : H5543-01
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ClientSampleId : SB-109-0.5-1.0

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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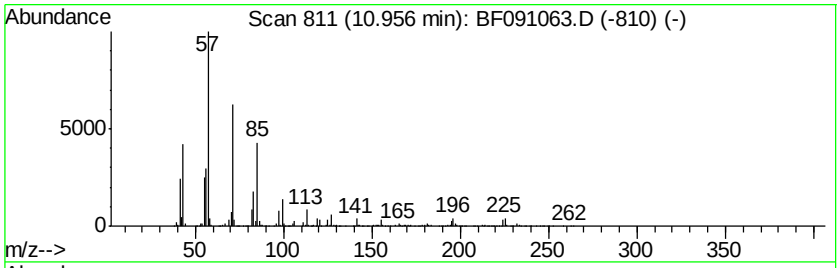
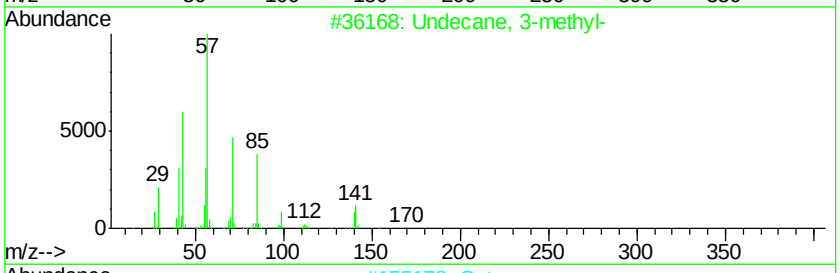
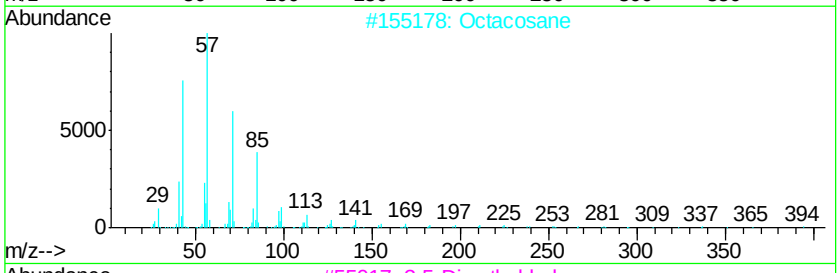
Peak Number 12 Undecane, 3-methyl- Concentration Rank 11

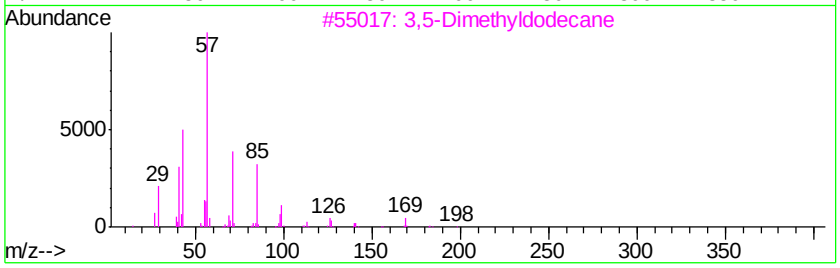
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	14.67 ng	1332470	Phenanthrene-d10	11.20

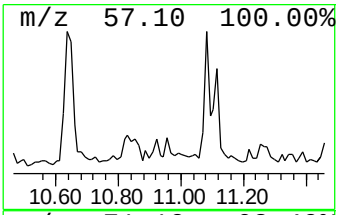
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	78
2	Octacosane	394	C28H58	000630-02-4	72
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5	Octadecane	254	C18H38	000593-45-3	64

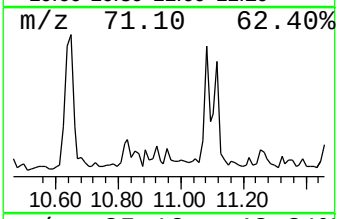


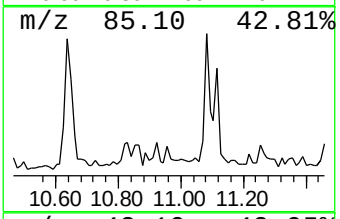


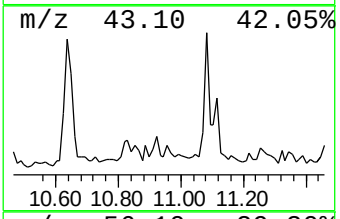


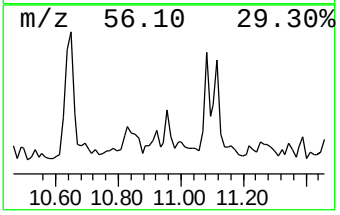












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Acq On : 7 Nov 2016 18:33
Operator : UM/SJ
Sample : H5543-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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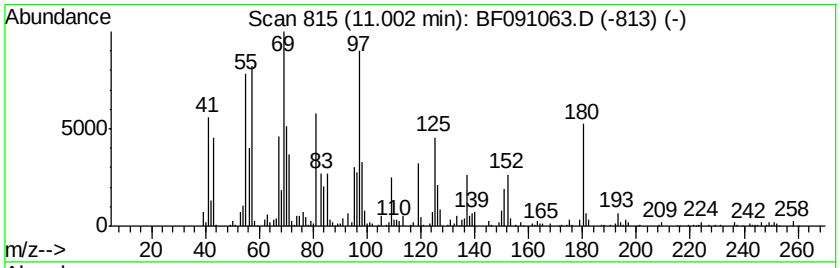
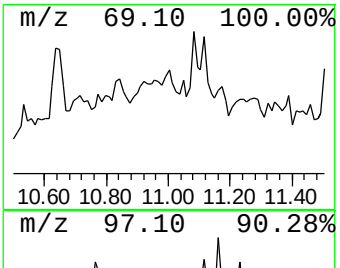
Peak Number 13 unknown11.00 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	12.06 ng	1095150	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8-Dimethylbicyclo[3.3.1]nonane...	180	C11H16O2	139914-54-8	41
2	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	35
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	14
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	14
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	14





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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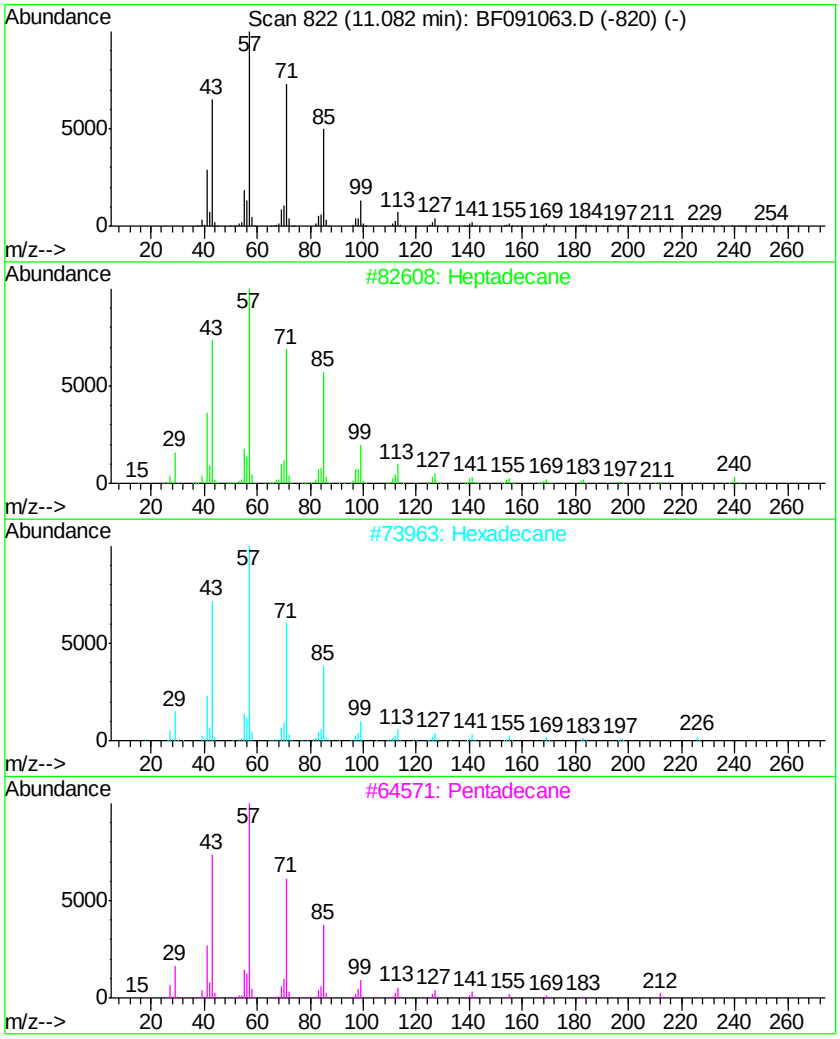
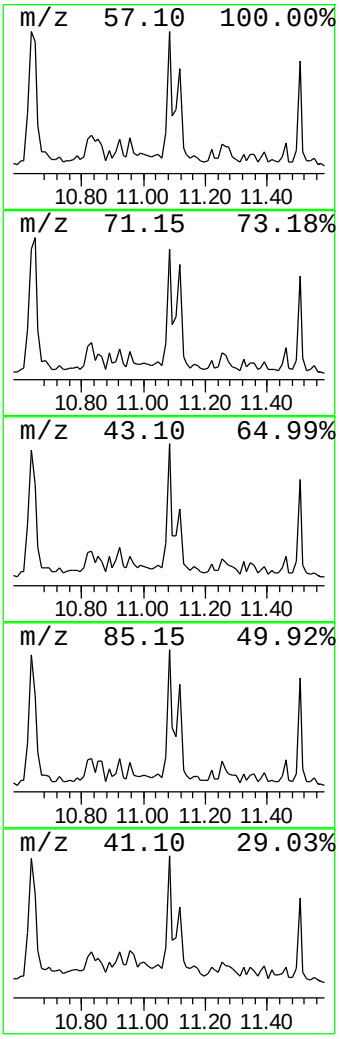
Peak Number 14 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	64.45 ng	5852650	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	92
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST02.L
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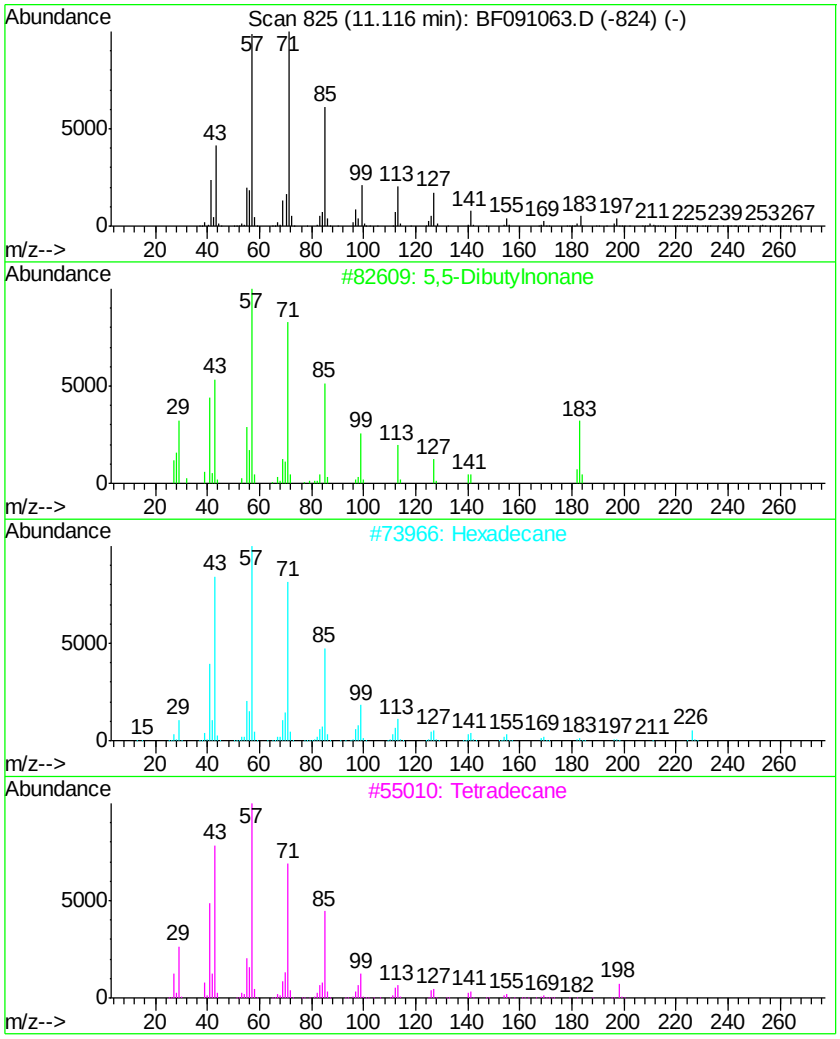
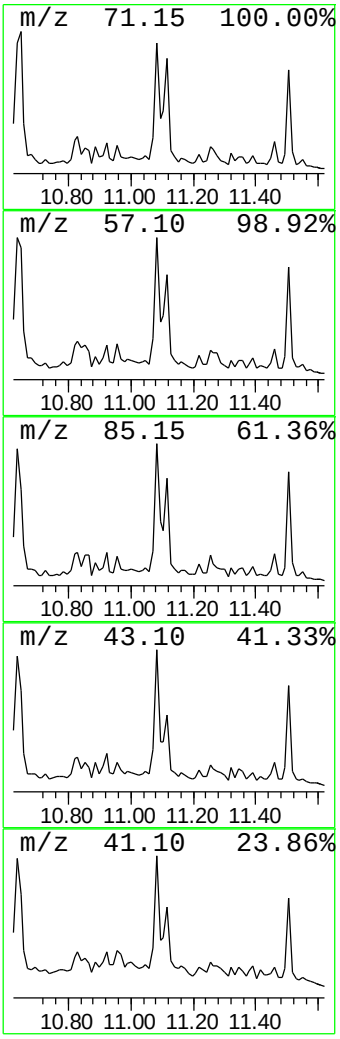
Peak Number 15 5,5-Dibutylnonane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	34.26 ng	3111090	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dibutylnonane	240	C17H36	006008-17-9	86
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
5	Hexacosane	366	C26H54	000630-01-3	72





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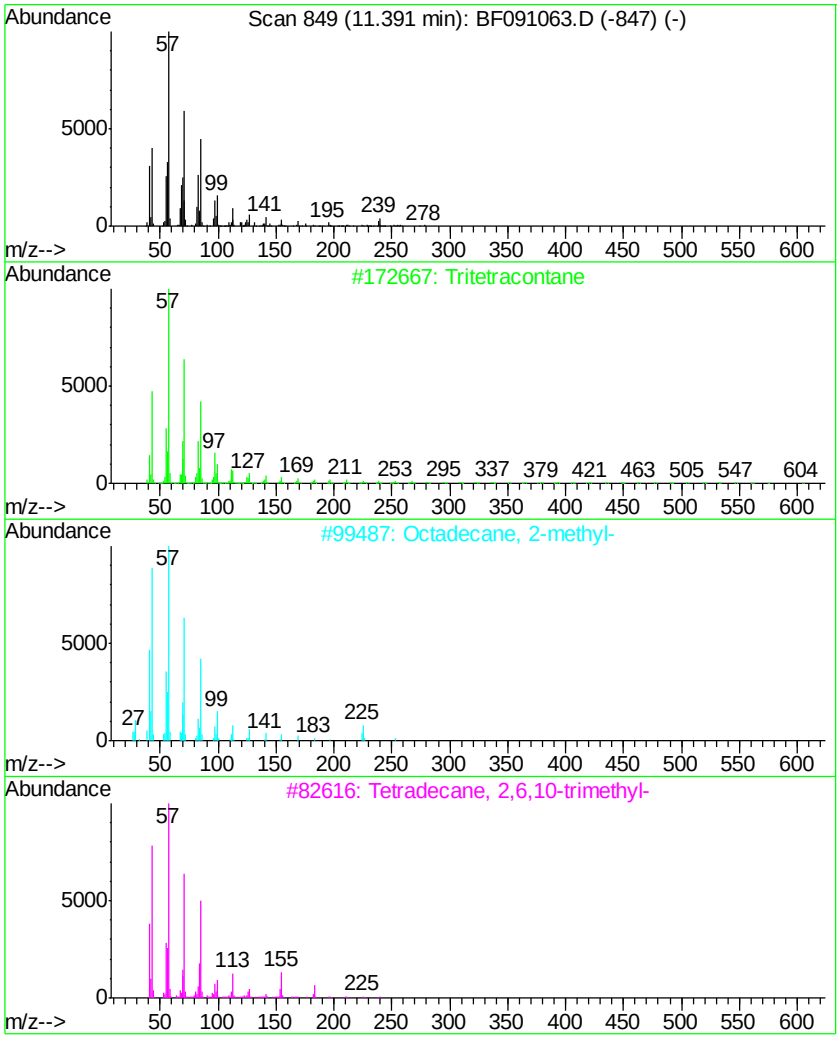
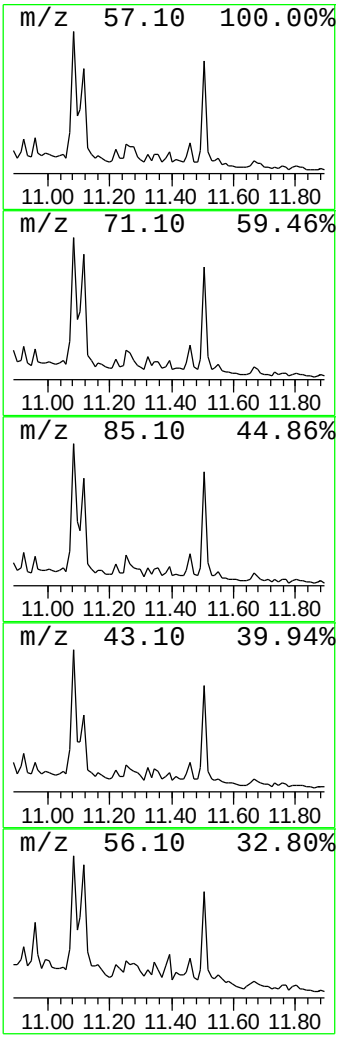
Peak Number 16 Tritetracontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	6.49 ng	589140	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	72
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	70
4	Heneicosane	296	C21H44	000629-94-7	68
5	Tetratriacontane	479	C34H70	014167-59-0	64





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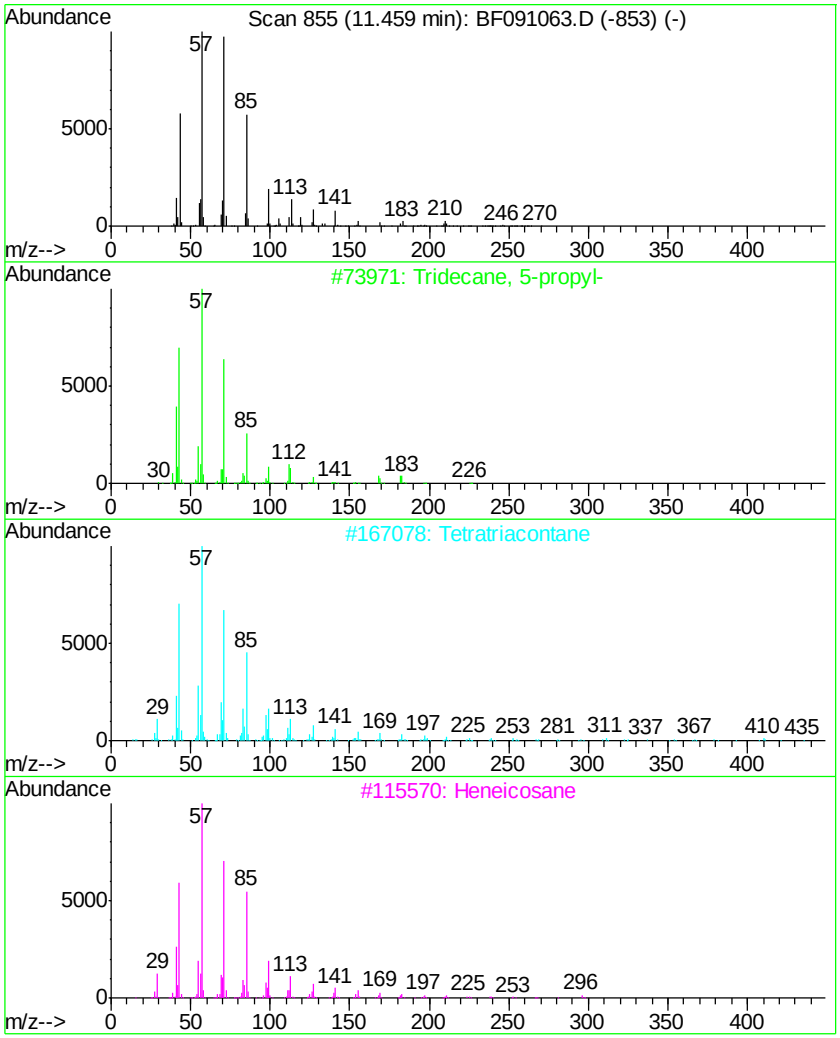
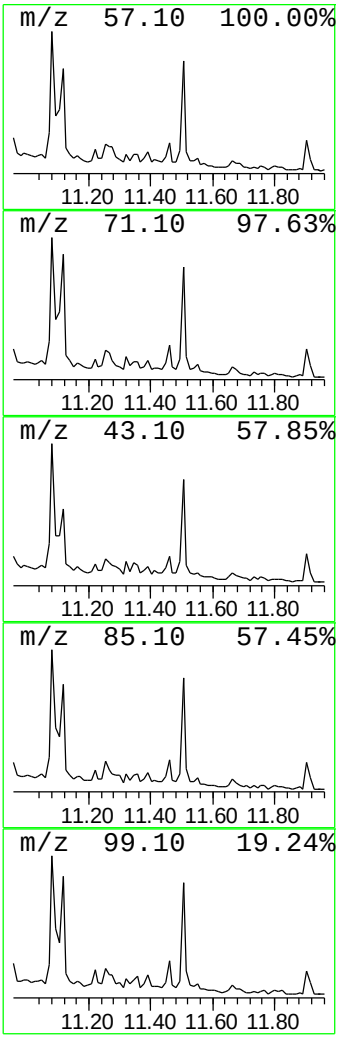
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	9.89 ng	897758	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Tetratriacontane	479	C34H70	014167-59-0	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80





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Sample : H5543-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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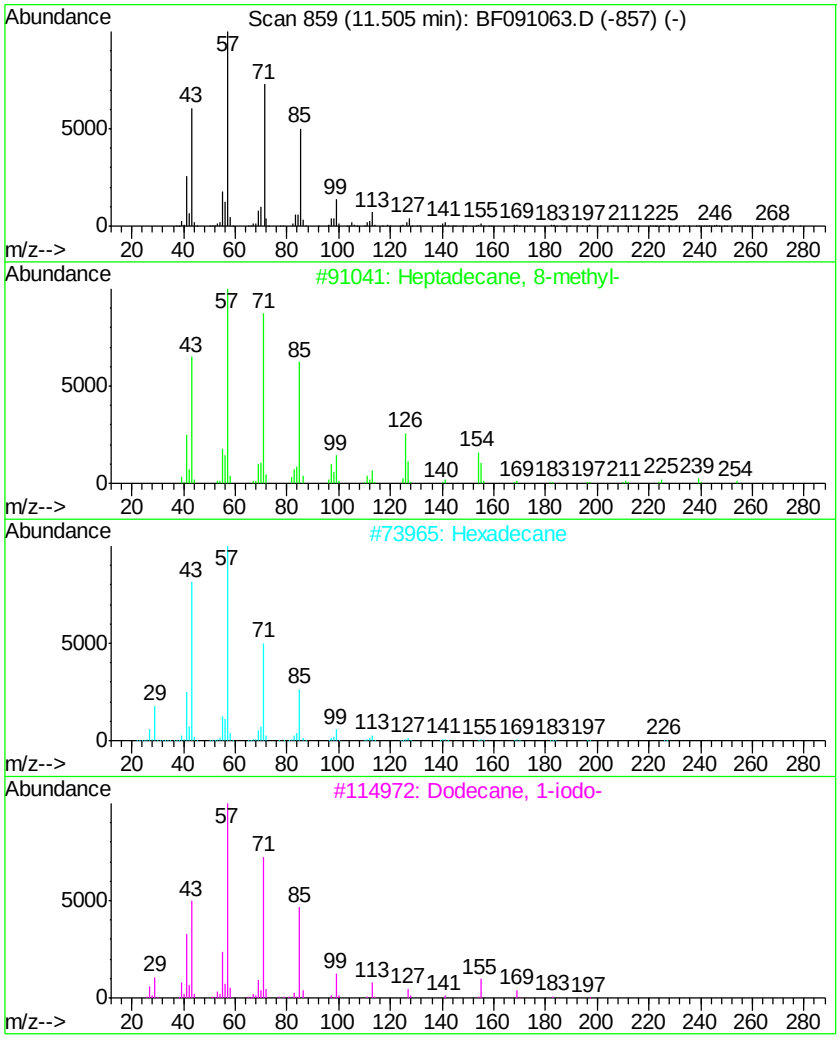
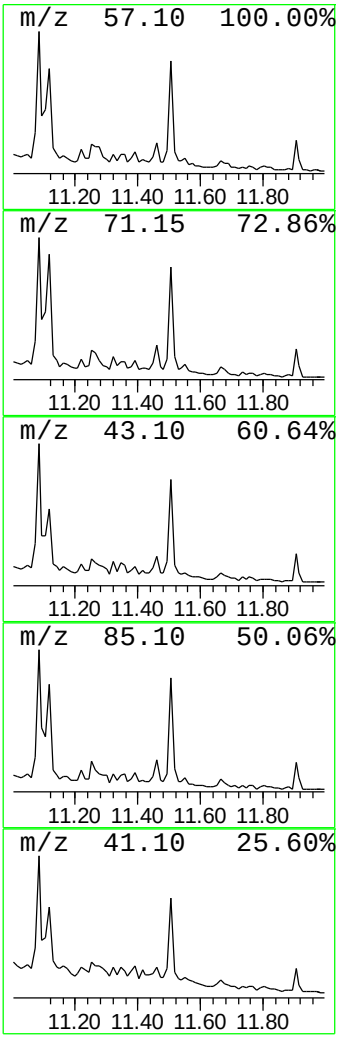
Peak Number 18 Heptadecane, 8-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	31.91 ng	2897890	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	83
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091063.D
Acq On : 7 Nov 2016 18:33
Operator : UM/SJ
Sample : H5543-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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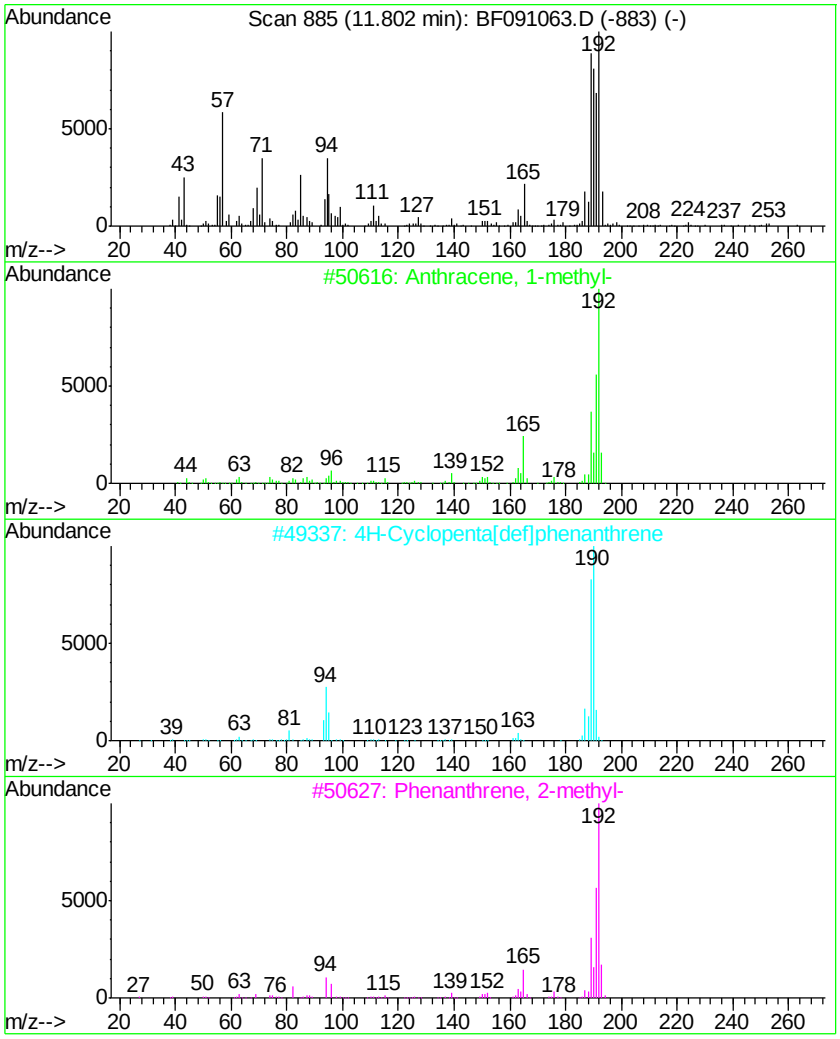
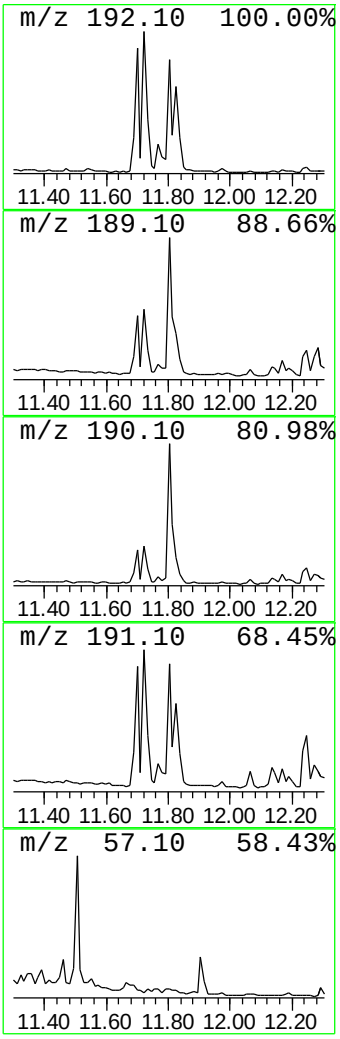
Peak Number 19 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	10.00 ng	908445	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091063.D
Acq On : 7 Nov 2016 18:33
Operator : UM/SJ
Sample : H5543-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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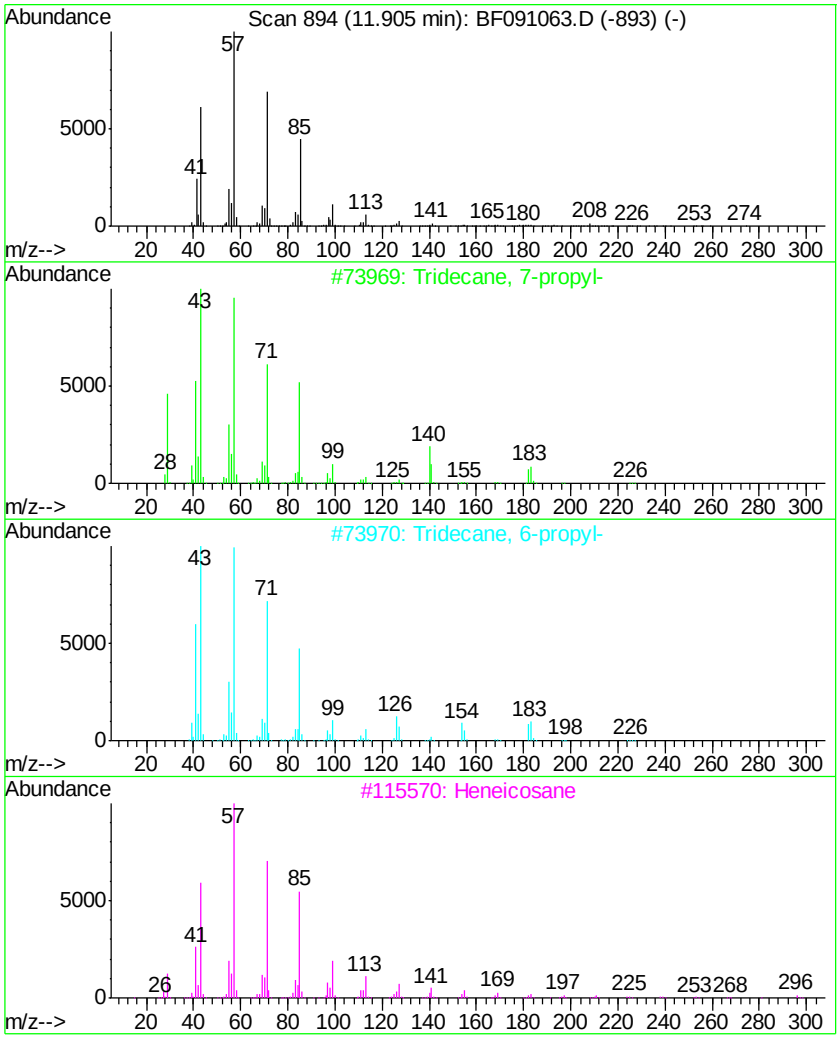
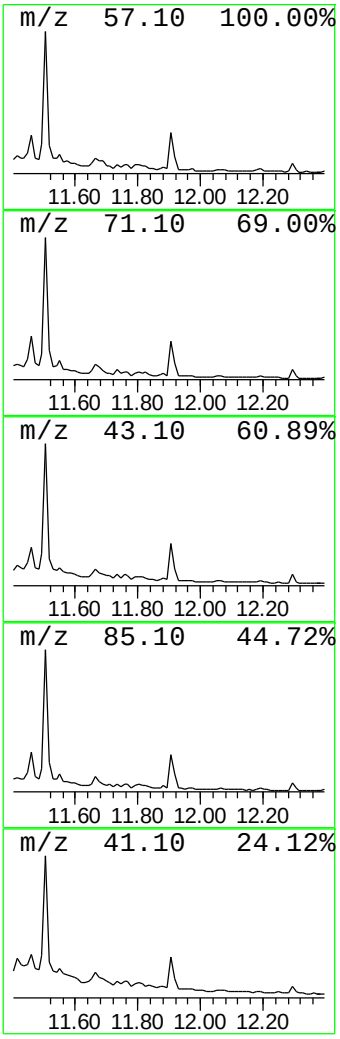
Peak Number 20 Tridecane, 7-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	10.68 ng	970060	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	94
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptacosane	380	C27H56	000593-49-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
Data File : BF091063.D
Acq On : 7 Nov 2016 18:33
Operator : UM/SJ
Sample : H5543-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-109-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.10	11.2	ng	596794	1	6.67	1070140	20.0
2-Pentanone, 4-hy...	4.81	24.1	ng	1288430	1	6.67	1070140	20.0
unknown6.44	6.44	85.5	ng	4572160	1	6.67	1070140	20.0
Hexadecane	10.16	19.0	ng	1862610	3	9.71	1965270	20.0
Octane, 3,5-dimet...	10.37	28.5	ng	2804490	3	9.71	1965270	20.0
Heneicosane	10.64	80.8	ng	7340020	4	11.20	1816130	20.0
2-Bromo dodecane	10.92	13.2	ng	1198000	4	11.20	1816130	20.0
Undecane, 3-methyl-	10.96	14.7	ng	1332470	4	11.20	1816130	20.0
unknown11.00	11.00	12.1	ng	1095150	4	11.20	1816130	20.0
Heptadecane	11.08	64.5	ng	5852650	4	11.20	1816130	20.0
5,5-Dibutylnonane	11.12	34.3	ng	3111090	4	11.20	1816130	20.0
Tritetracontane	11.39	6.5	ng	589140	4	11.20	1816130	20.0
Tridecane, 5-propyl-	11.46	9.9	ng	897758	4	11.20	1816130	20.0
Heptadecane, 8-me...	11.50	31.9	ng	2897890	4	11.20	1816130	20.0
Anthracene, 1-met...	11.80	10.0	ng	908445	4	11.20	1816130	20.0
Tridecane, 7-propyl-	11.90	10.7	ng	970060	4	11.20	1816130	20.0