LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

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-BF061219.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	2.222	8	23	32	rVB3	86328	263344	3.41%	0.303%
2	2.410	50	55	63	rVB2	75517	141986	1.84%	0.164%
3	2.793	115	120	126	rVB	54044	88553	1.15%	0.102%
4	3.187	173	187	191	rBV3	30805	97284	1.26%	0.112%
5	3.340	204	213	219	rBV4	39312	91580	1.19%	0.106%
6	3.663	260	268	274	rBV	72728	120487	1.56%	0.139%
7	3.881	295	305	311	rBV4	38572	82310	1.07%	0.095%
8	4.246	362	367	372	rBV3	59552	98035	1.27%	0.113%
9	4.357	378	386	395	rBV2	171205	261465	3.39%	0.301%
10	4.834	463	467	472	rVB	67965	84026	1.09%	0.097%
11	5.251	534	538	544	rVB	3172642	2950569	38.20%	3.400%
12	5.816	629	634	637	rBV	3564821	3294815	42.66%	3.797%
13	6.104	680	683	687	rVB	1497885	1289638	16.70%	1.486%
14	6.281	709	713	719	rBV	2051705	2092046	27.09%	2.411%
15	6.334	719	722	731	rVB	124563	115485	1.50%	0.133%
16	6.416	731	736	739	rBV	5568445	5425688	70.25%	6.252%
17	6.604	760	768	771	rBV2	433933	553908	7.17%	0.638%
18	6.646	771	775	779	rVV	1909526	1564980	20.26%	1.803%
19	6.704	783	785	788	rBV	342487	308017	3.99%	0.355%
20	6.804	797	802	804	rBV	5631892	5547750	71.83%	6.393%
21	6.828	804	806	810	rVB	2744265	2183344	28.27%	2.516%
22	6.904	815	819	822	rBV	687244	540006	6.99%	0.622%
23	6.975	827	831	833	rBV	458072	443783	5.75%	0.511%
24	6.993	833	834	840	rVB	264016	200480	2.60%	0.231%
25	7.045	840	843	847	rBV2	97833	103138	1.34%	0.119%
26	7.210	859	871	882	rBV3	4097149	6767517	87.62%	7.799%
27	7.298	882	886	890	rBV3	236047	278993	3.61%	0.322%
28	7.340	890	893	896	rVV	245826	217471	2.82%	0.251%
29	7.422	901	907	915	rBV	670277	791334	10.25%	0.912%
30	7.540	923	927	930	rBV2	133501	142340	1.84%	0.164%
31	7.604	930	938	940	rBV3	837687	1004555	13.01%	1.158%
32	7.675	944	950	954	rBV2	2830899	3111809	40.29%	3.586%
33	7.769	963	966	969	rVB	538031	455561	5.90%	0.525%
34	7.804	969	972	975	rVB	118890	112889	1.46%	0.130%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

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-BF061219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.898	980	988	989	rBV2	203677	280069	3.63%	0.323%
36	7.928	989	993	995	rVV2	2723775	2783562	36.04%	3.208%
37	7.951	995	997	999	rVV2	992149	912557	11.82%	1.052%
38	7.981	999	1002	1005	rVB	541052	505138	6.54%	0.582%
39	8.022	1005	1009	1013	rVB2	88924	123724	1.60%	0.143%
40	8.063	1013	1016	1018	rBV	107075	91188	1.18%	0.105%
41	8.087	1018	1020	1023	rBV	176325	155105	2.01%	0.179%
42	8.128	1023	1027	1031	rBV	472995	407663	5.28%	0.470%
43	8.175	1031	1035	1037	rBV	330629	306566	3.97%	0.353%
44	8.210	1037	1041	1044	rBV2	172108	214963	2.78%	0.248%
45	8.316	1055	1059	1062	rVB2	304467	339048	4.39%	0.391%
46	8.398	1070	1073	1075	rVV	366213	330603	4.28%	0.381%
47	8.434	1075	1079	1083	rVV	805238	761185	9.86%	0.877%
48	8.492	1085	1089	1091	rVV2	189993	191972	2.49%	0.221%
49	8.516	1091	1093	1097	rVV2	150114	163728	2.12%	0.189%
50	8.587	1097	1105	1108	rVV2	743270	769545	9.96%	0.887%
51	8.640	1108	1114	1117	rVV2	599924	655926	8.49%	0.756%
52	8.734	1126	1130	1135	rBV	1896617	1861625	24.10%	2.145%
53	8.769	1135	1136	1141	rVB2	141407	177458	2.30%	0.204%
54	8.834	1141	1147	1148	rBV3	59401	84409	1.09%	0.097%
55	9.004	1171	1176	1179	rBV	7318187	7723467	100.00%	8.900%
56	9.151	1197	1201	1204	rBV	132460	129162	1.67%	0.149%
57	9.192	1204	1208	1213	rVB2	188958	327487	4.24%	0.377%
58	9.257	1214	1219	1224	rBV2	345006	497429	6.44%	0.573%
59	9.334	1227	1232	1235	rVV	679560	780755	10.11%	0.900%
60	9.363	1235	1237	1240	rVV3	434205	447801	5.80%	0.516%
61	9.392	1240	1242	1245	rVV	368786	340772	4.41%	0.393%
62	9.451	1249	1252	1257	rVB	298240	370228	4.79%	0.427%
63	9.534	1262	1266	1269	rBV	158719	140616	1.82%	0.162%
64	9.675	1284	1290	1293	rBV	2568409	2519145	32.62%	2.903%
65	9.716	1293	1297	1299	rVB3	90658	111438	1.44%	0.128%
66	9.775	1303	1307	1313	rVV3	141136	214544	2.78%	0.247%
67	9.875	1322	1324	1327	rBV2	147326	155866	2.02%	0.180%
68	9.992	1340	1344	1347	rBV4	85058	119403	1.55%	0.138%
69	10.098	1355	1362	1365	rBV5	56772	99185	1.28%	0.114%
70	10.457	1418	1423	1427	rBV	4257714	4328039	56.04%	4.988%
71	11.145	1536	1540	1544	rBV	2663644	2322729	30.07%	2.677%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
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Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

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-BF061219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.692	1630	1633	1642	rBV	562003	663682	8.59%	0.765%
73	12.398	1747	1753	1762	rBV7	38359	108613	1.41%	0.125%
74	12.475	1763	1766	1777	rVV	163520	207974	2.69%	0.240%
75	12.733	1805	1810	1813	rBV	7194690	7226885	93.57%	8.328%
76	13.669	1960	1969	1982	rBV4	166090	690742	8.94%	0.796%
77	13.769	1982	1986	1995	rVB	2004766	1802435	23.34%	2.077%
78	13.957	2015	2018	2026	rVB	156428	147078	1.90%	0.169%
79	14.263	2066	2070	2074	rBV	242674	217327	2.81%	0.250%
80	14.557	2116	2120	2125	rBV	322581	292817	3.79%	0.337%
81	14.857	2167	2171	2178	rBV	314933	336765	4.36%	0.388%
82	15.145	2215	2220	2225	rBV	1318845	1547116	20.03%	1.783%
83	15.198	2225	2229	2235	rVB	298676	348924	4.52%	0.402%
84	15.586	2290	2295	2303	rBV	217650	301646	3.91%	0.348%
85	16.033	2365	2371	2381	rBV2	122161	232900	3.02%	0.268%
86	16.551	2454	2459	2464	rBV2	43425	82873	1.07%	0.096%

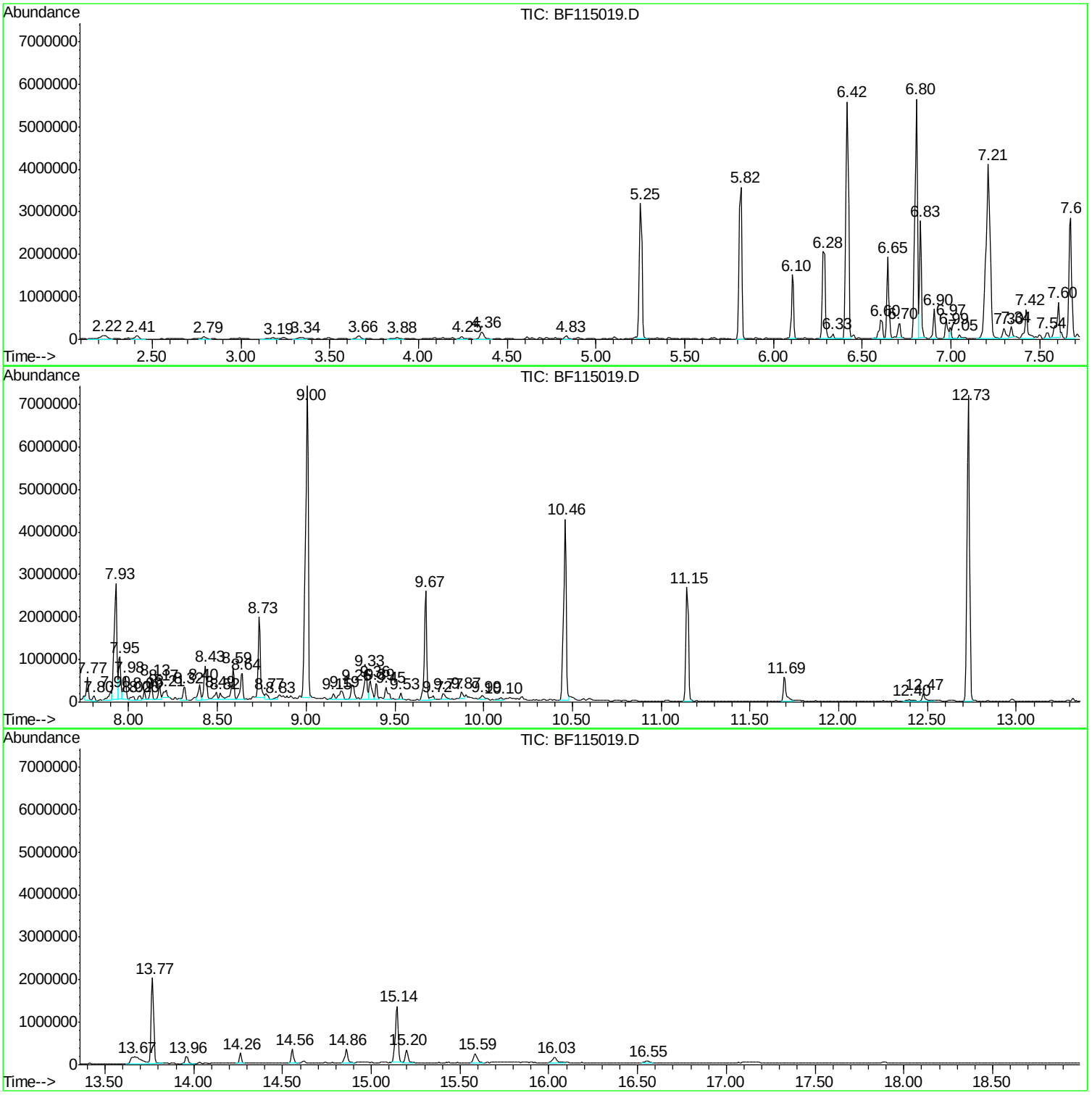
Sum of corrected areas: 86777063

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

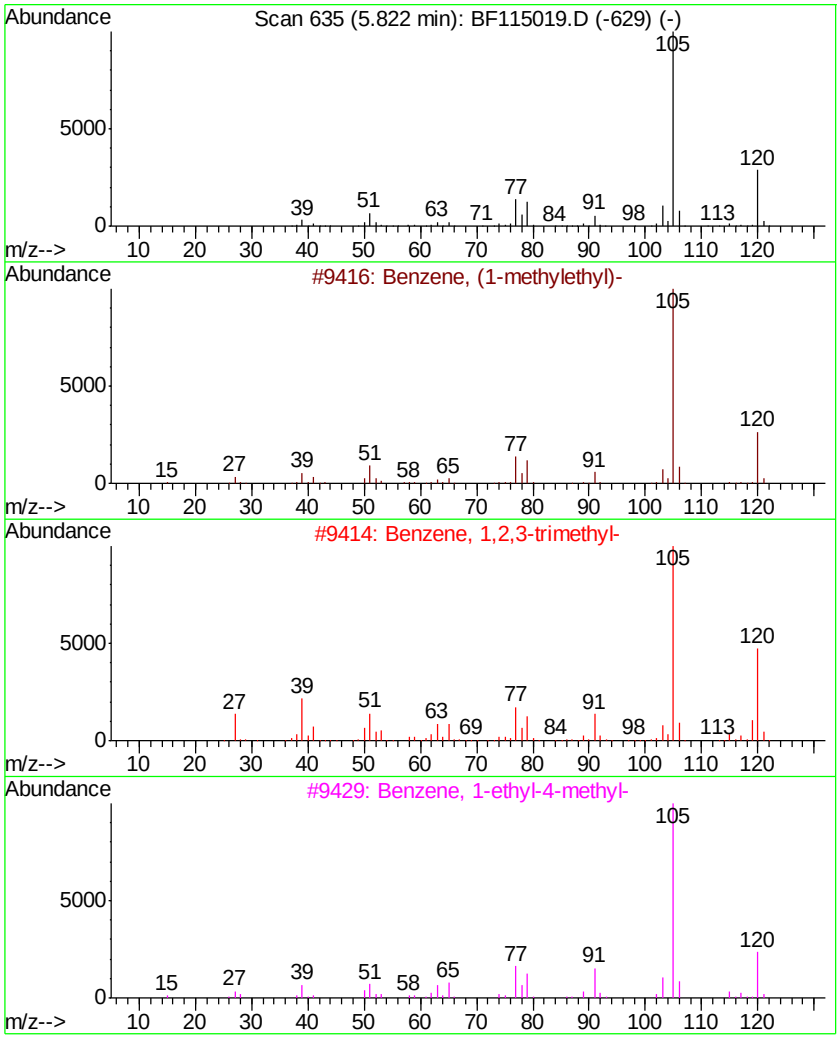
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

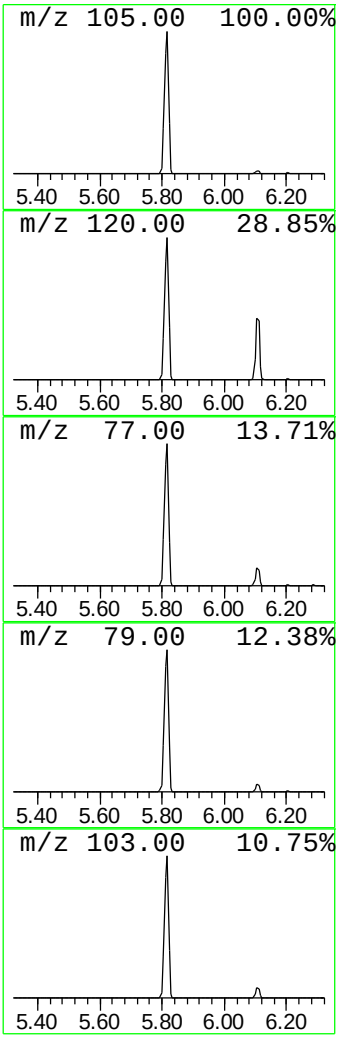
****

Peak Number 1 Benzene, (1-methylethyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	42.11 ng	3294820	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	78
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

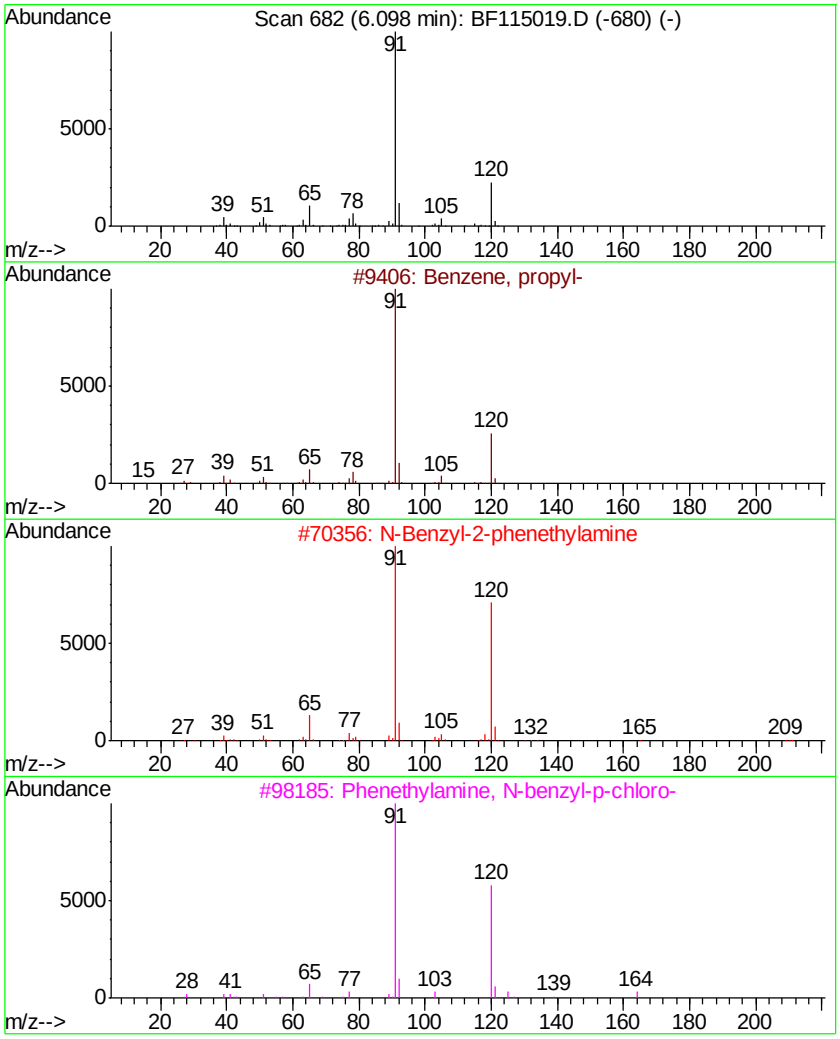
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

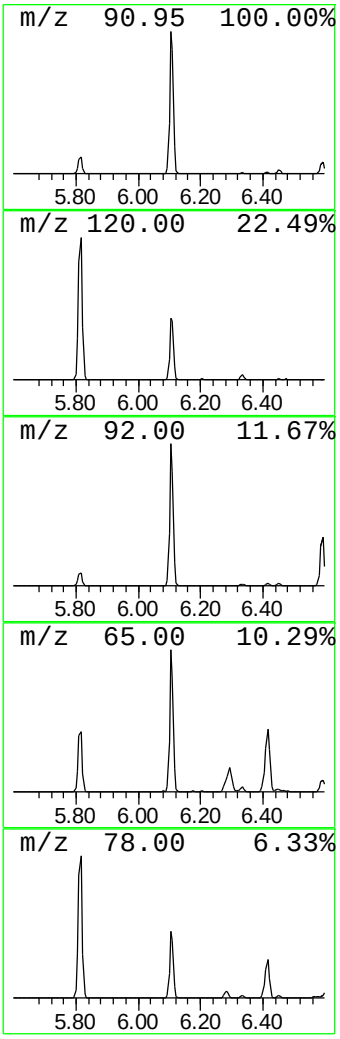
****

Peak Number 2 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	16.48 ng	1289640	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	n-Butylbenzylamine	163	C11H17N	002403-22-7	64
5	N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

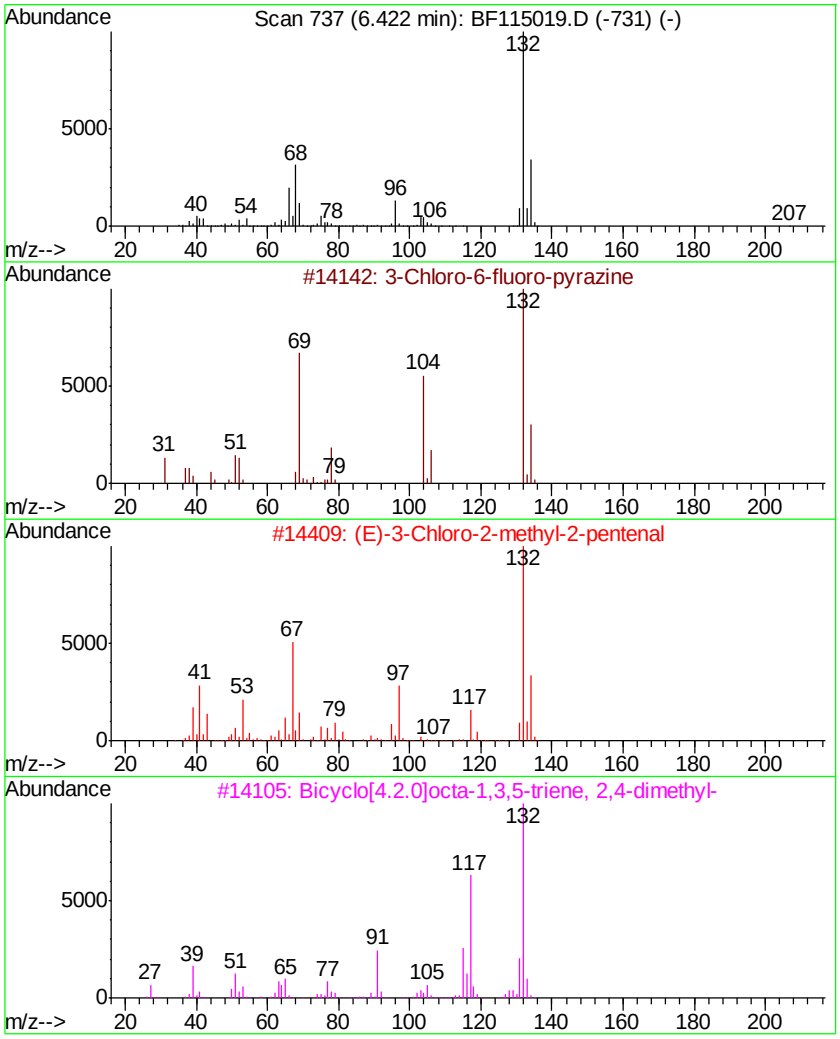
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

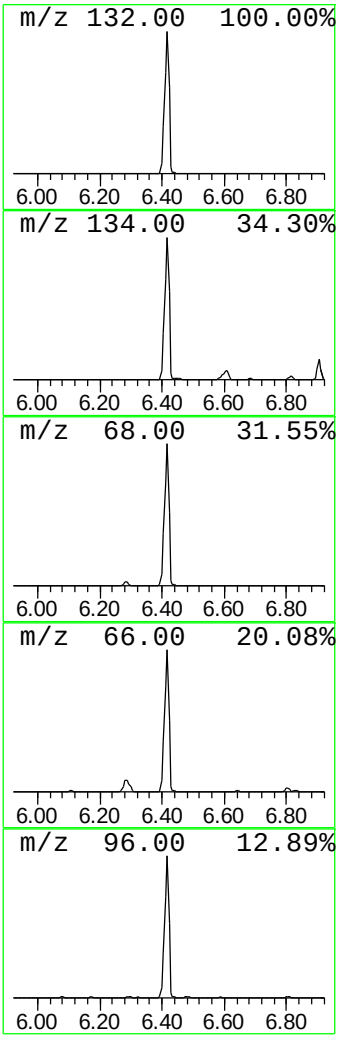
****

Peak Number 3 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	69.34 ng	5425690	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
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Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

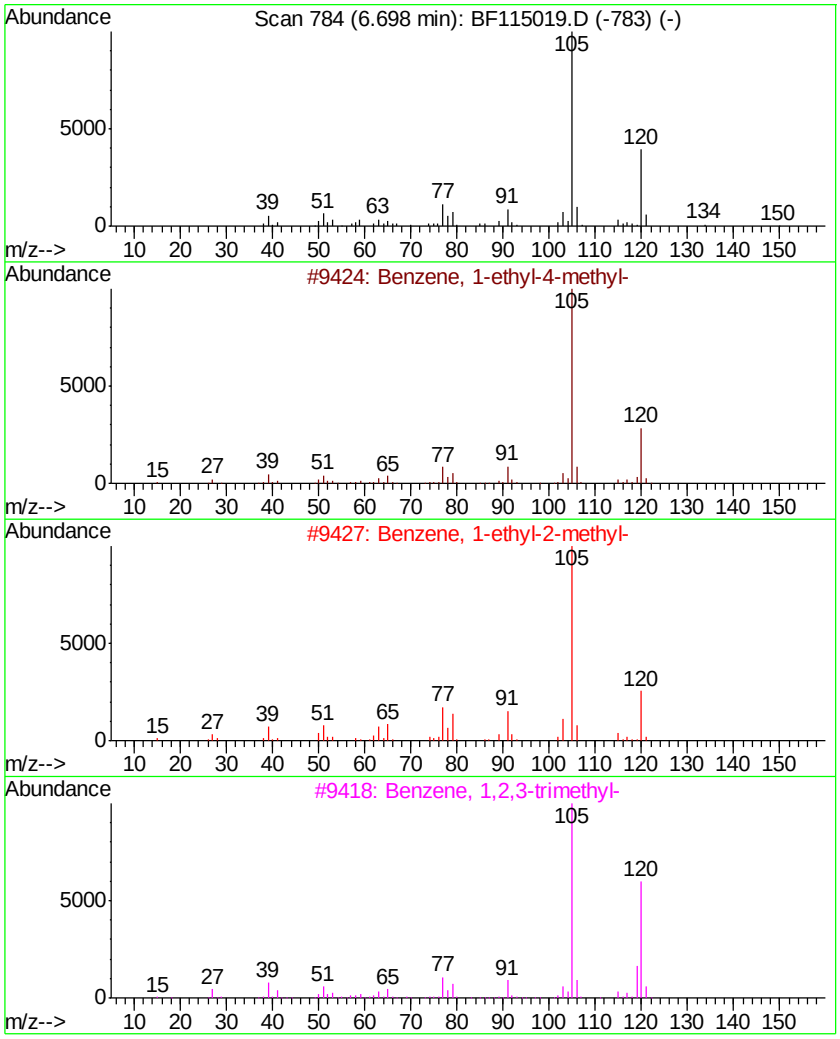
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

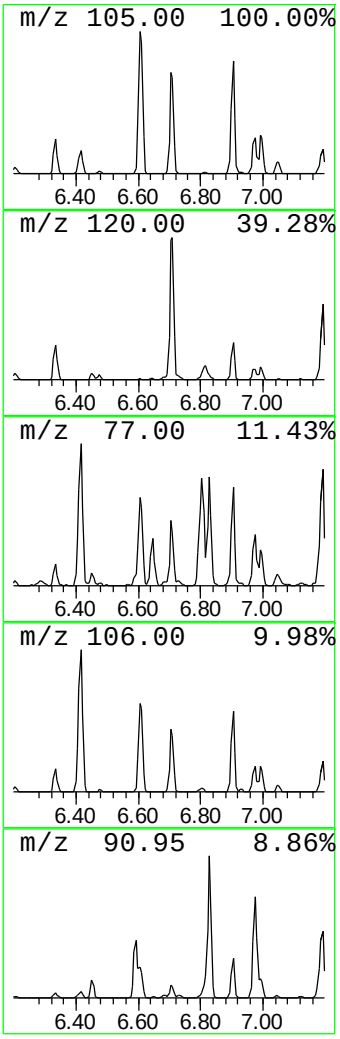
****

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	3.94 ng	308017	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

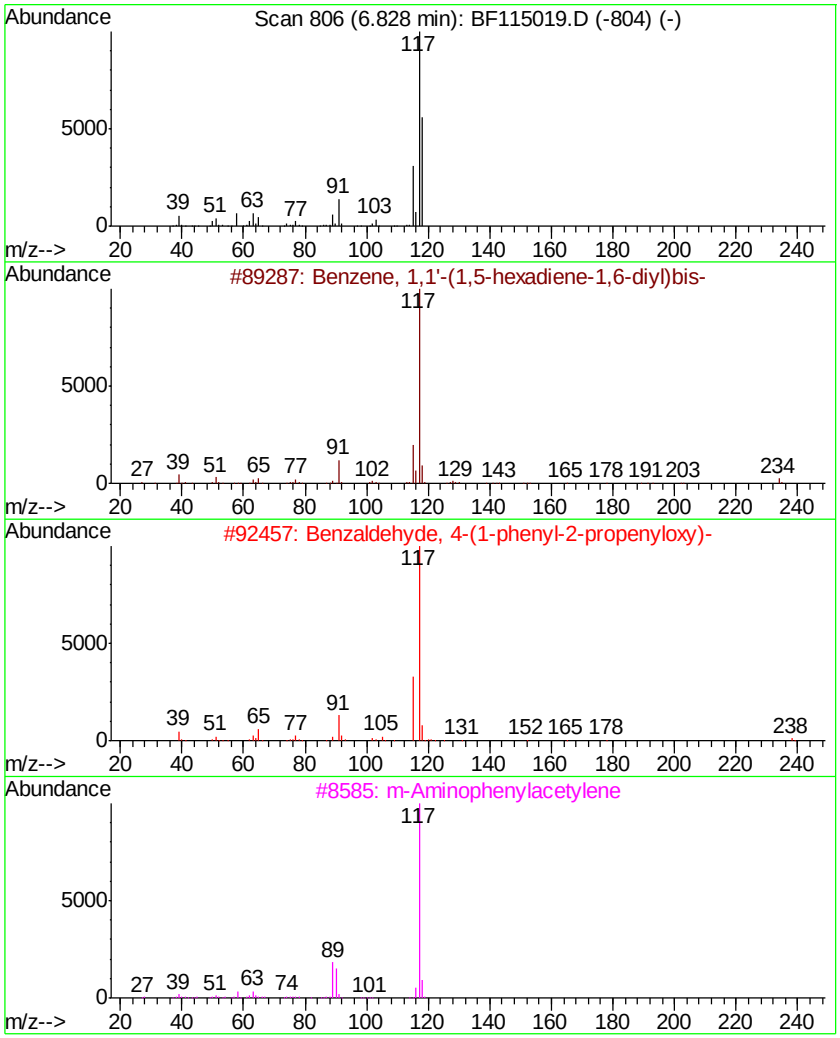
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

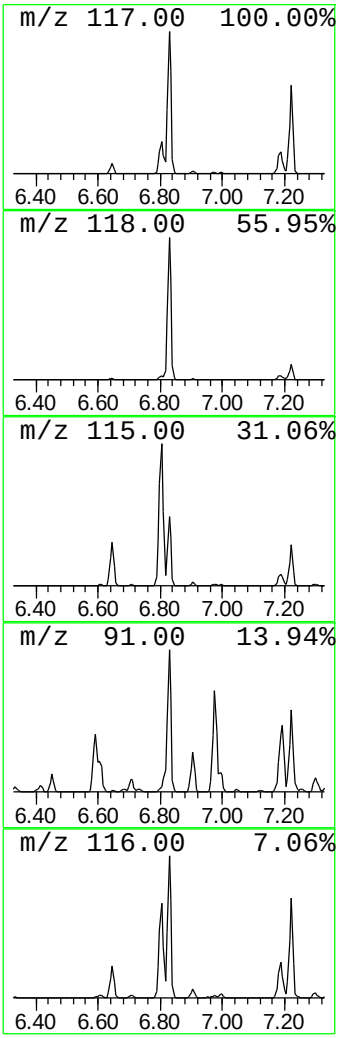
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	27.90 ng	2183340	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53
3	m-Aminophenylacetylene	117	C8H7N	054060-30-9	43
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

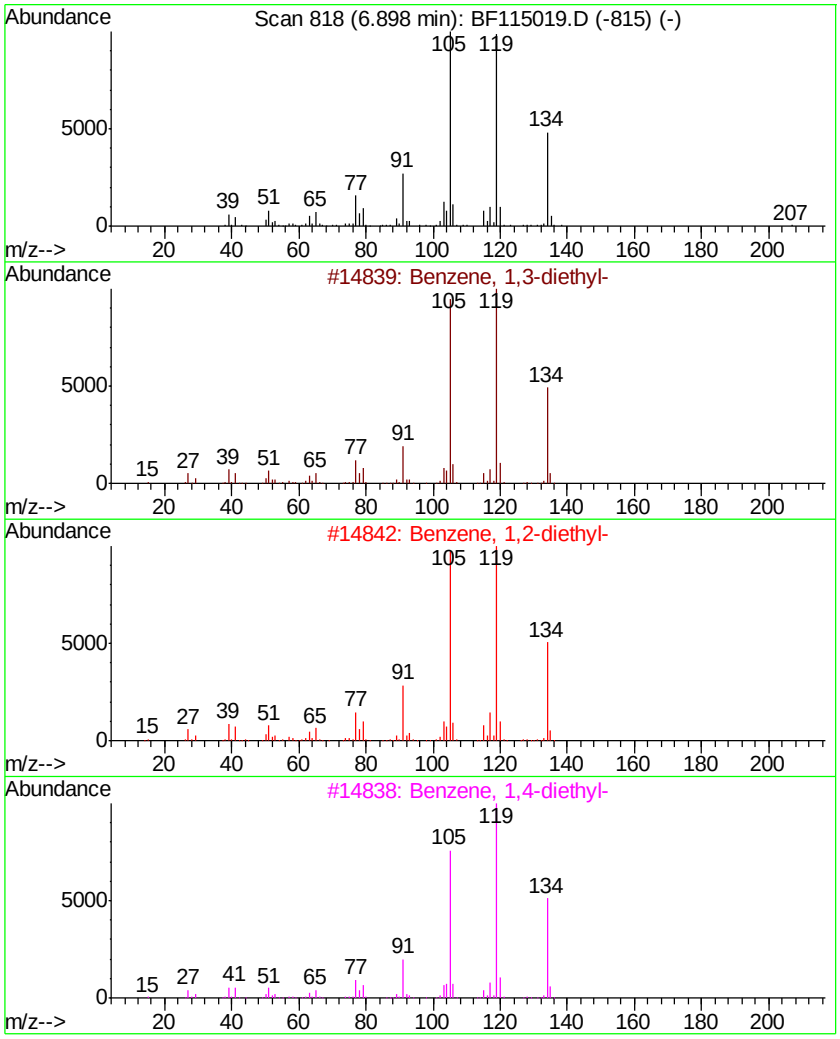
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

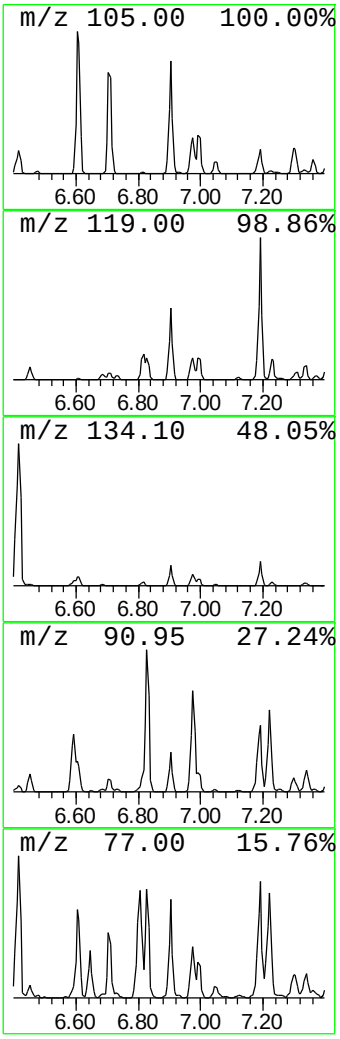
****

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	6.90 ng	540006	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





Library Search Compound Report

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Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

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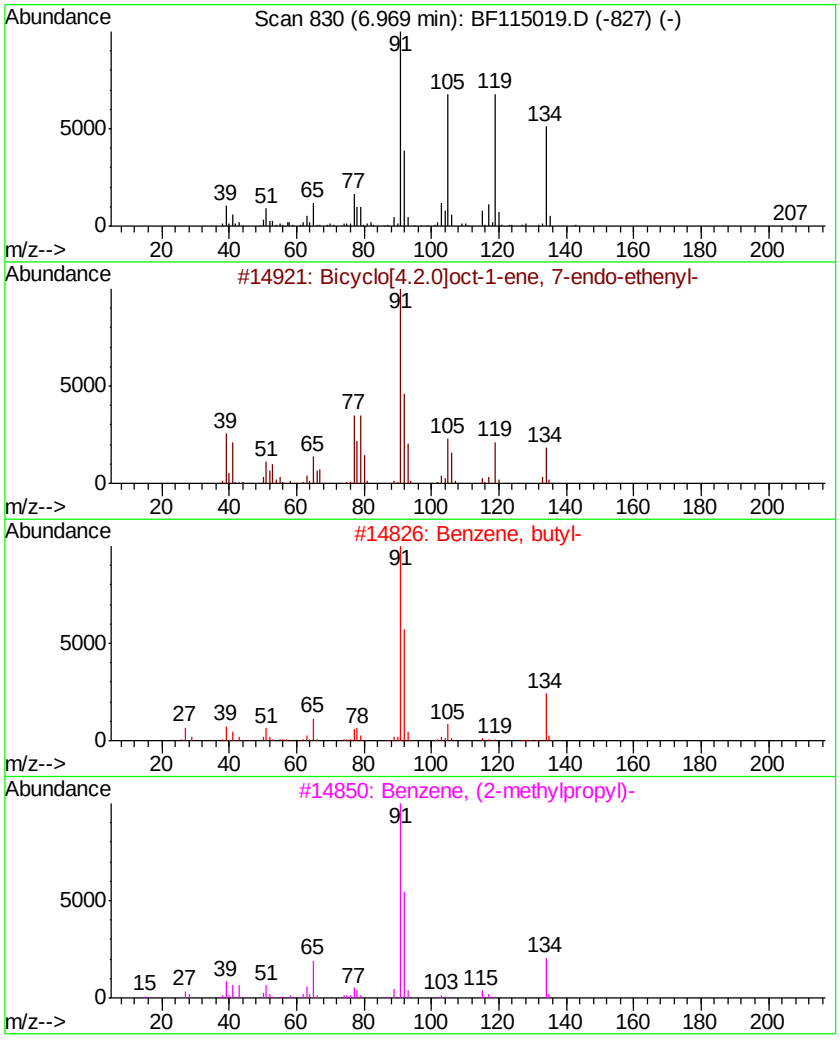
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

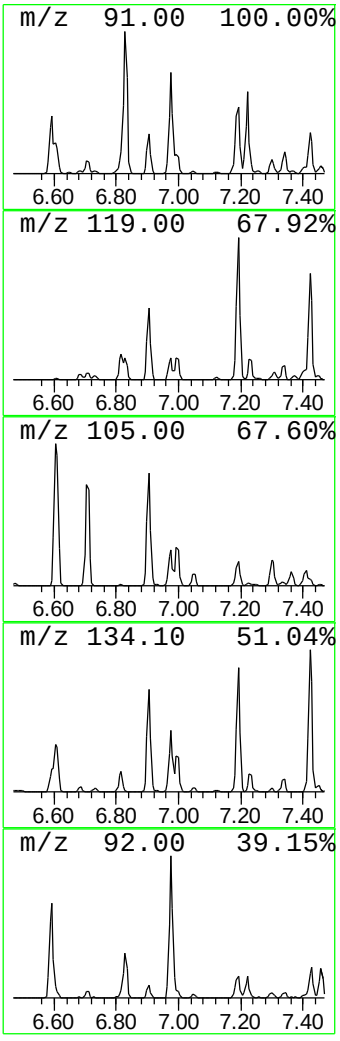
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Bicyclo[4.2.0]oct-1-ene, 7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	5.67 ng	443783	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]oct-1-ene, 7-endo-...	134	C10H14	1000142-18-3	78
2	Benzene, butyl-	134	C10H14	000104-51-8	52
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	49
4	4,6-Decadiyne	134	C10H14	016387-71-6	47
5	3-Methylene-bicyclo[3.2.1]oct-6-...	134	C9H10O	1000185-51-1	43





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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : DUP-01_061219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

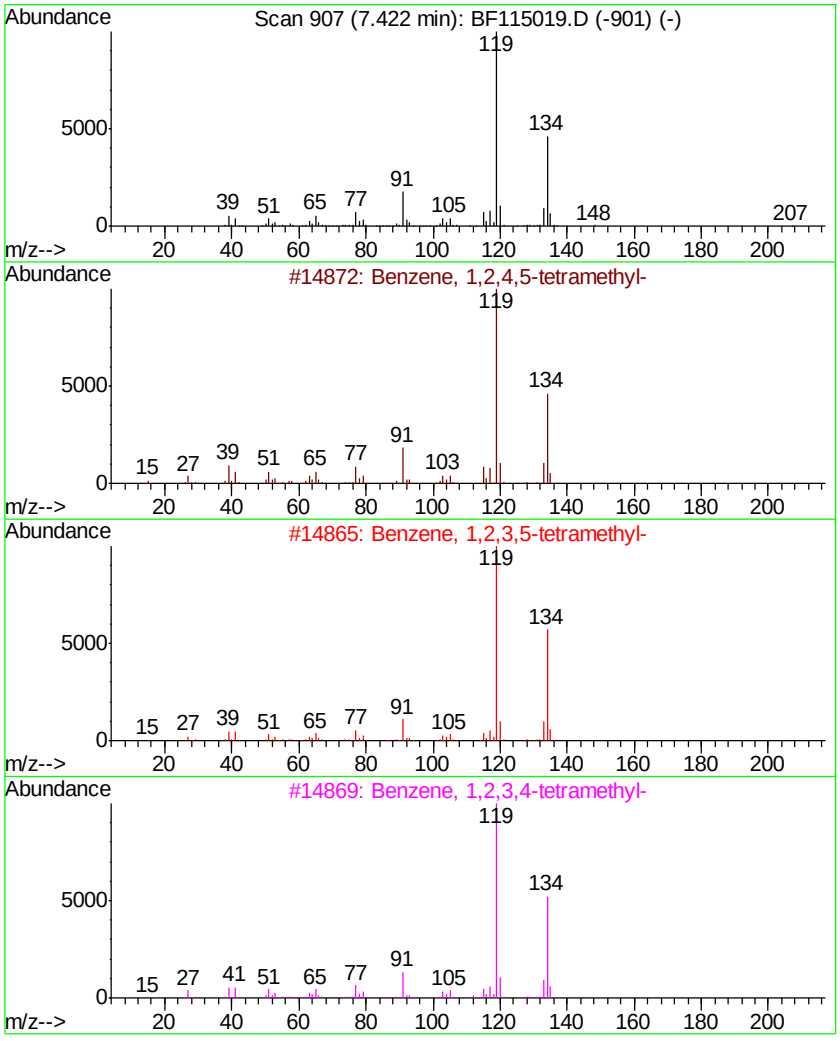
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

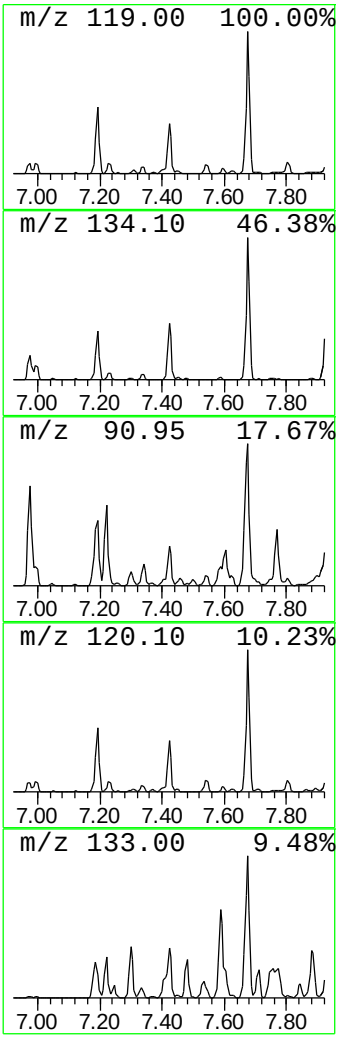
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	5.69 ng	791334	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : DUP-01_061219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

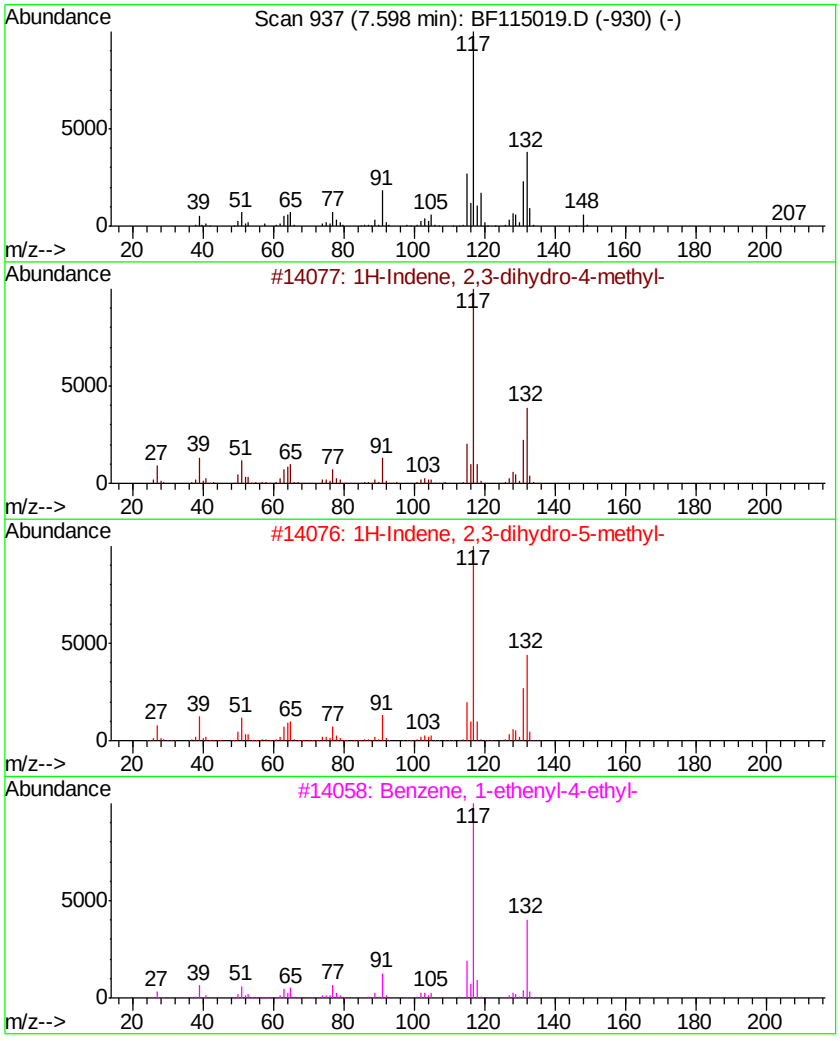
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

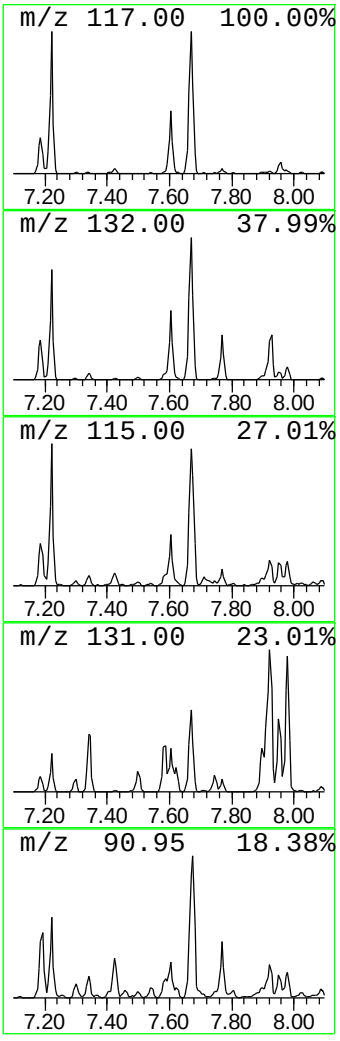
****

Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	7.22 ng	1004560	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

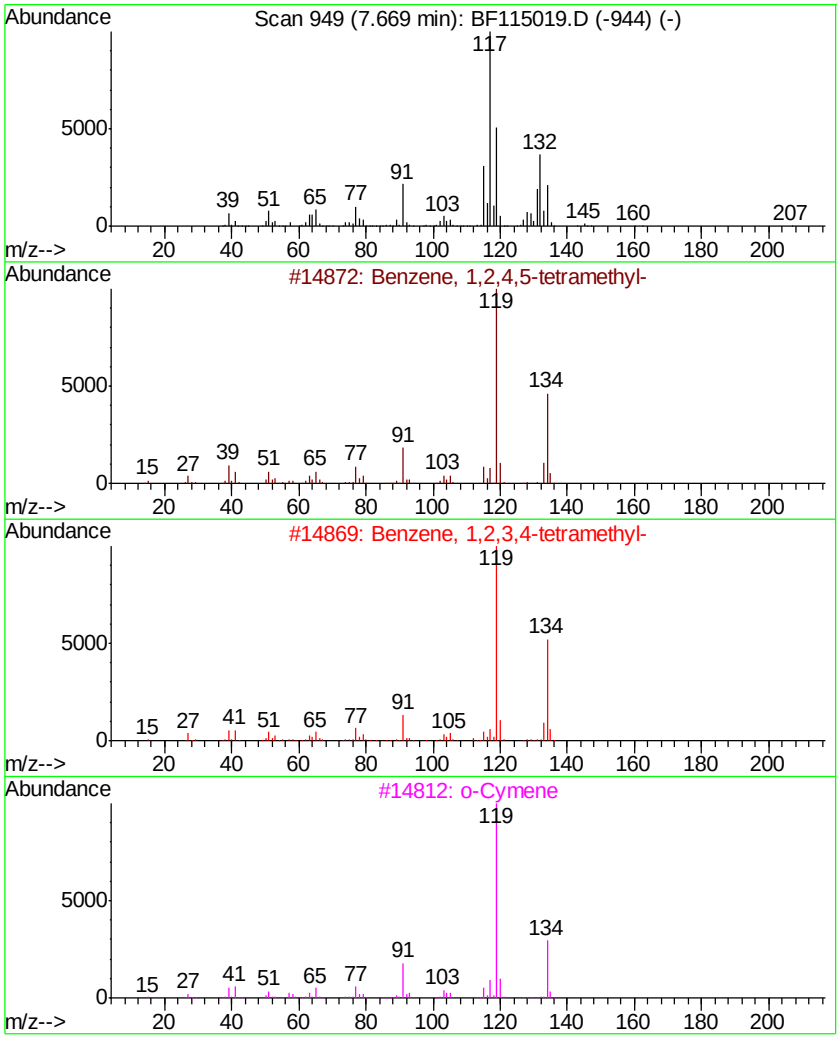
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

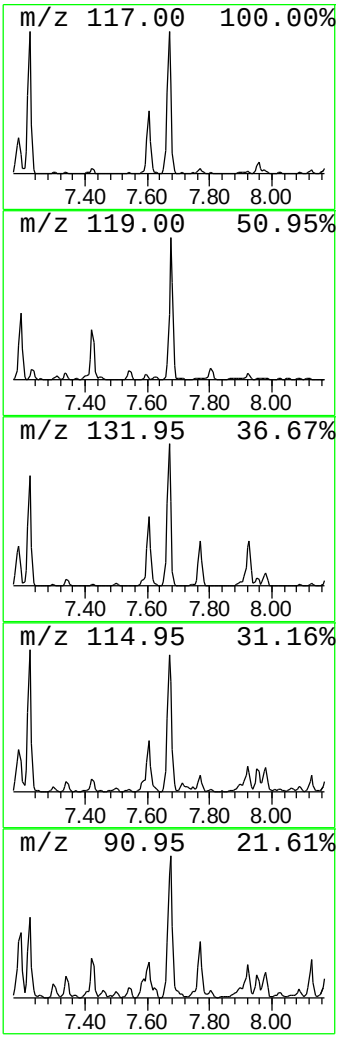
****

Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	22.36 ng	3111810	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	p-Cymene	134	C10H14	000099-87-6	60





Library Search Compound Report

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Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

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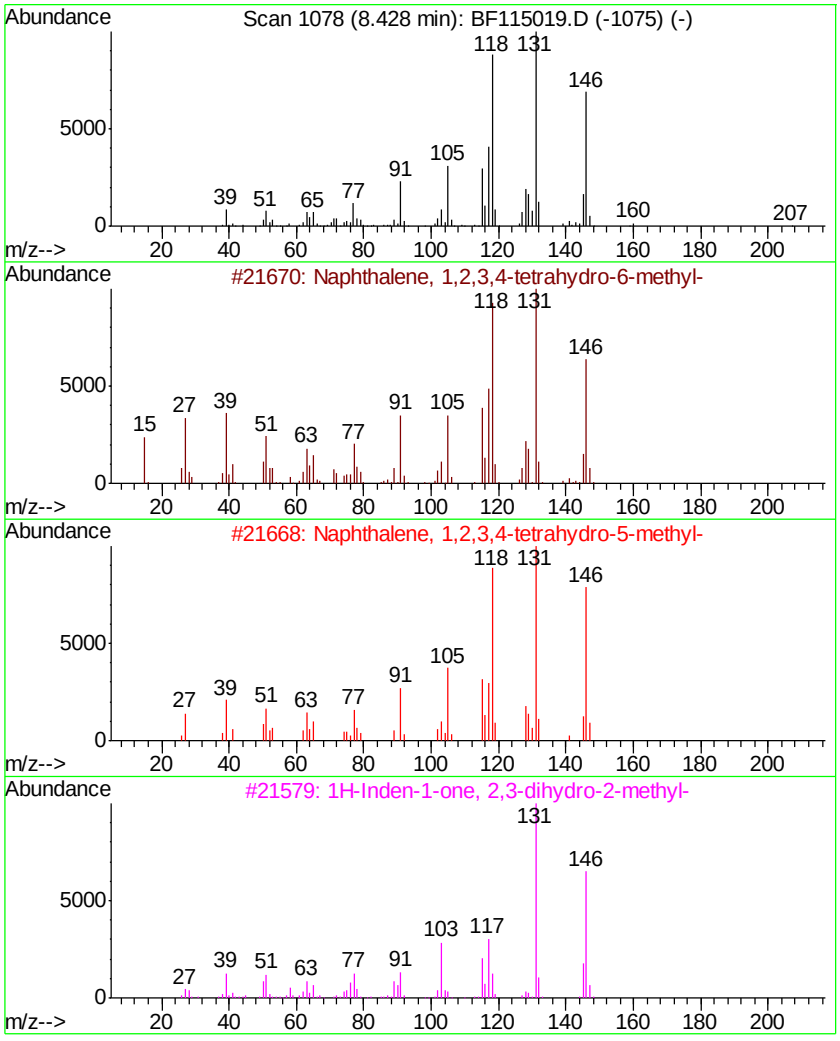
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

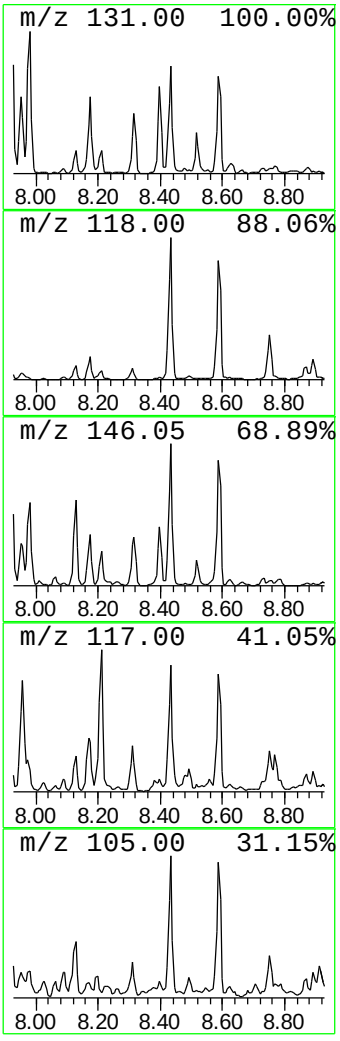
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	5.47 ng	761185	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

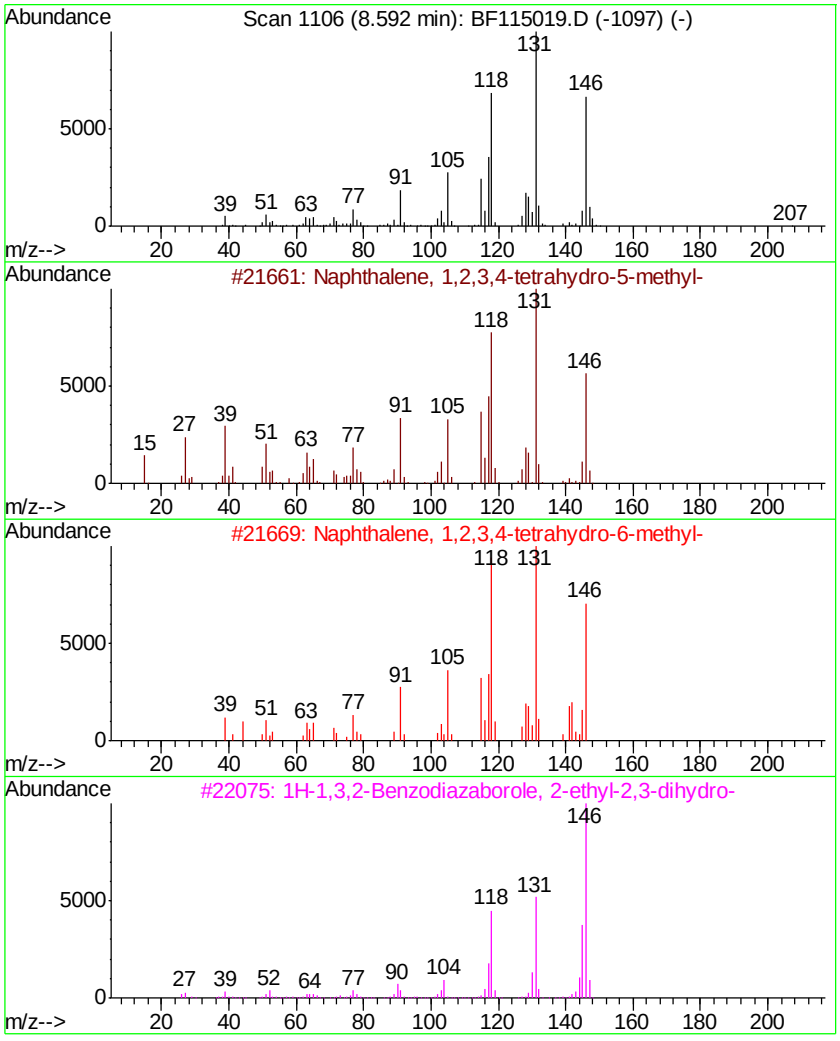
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

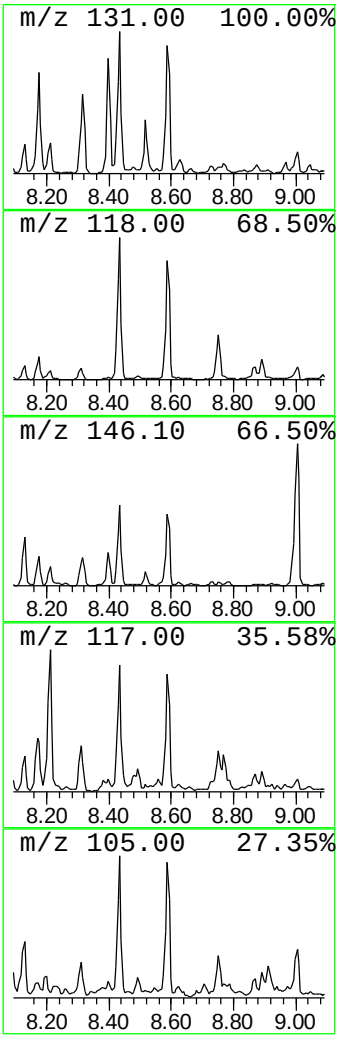
****

Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	5.53 ng	769545	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70





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Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

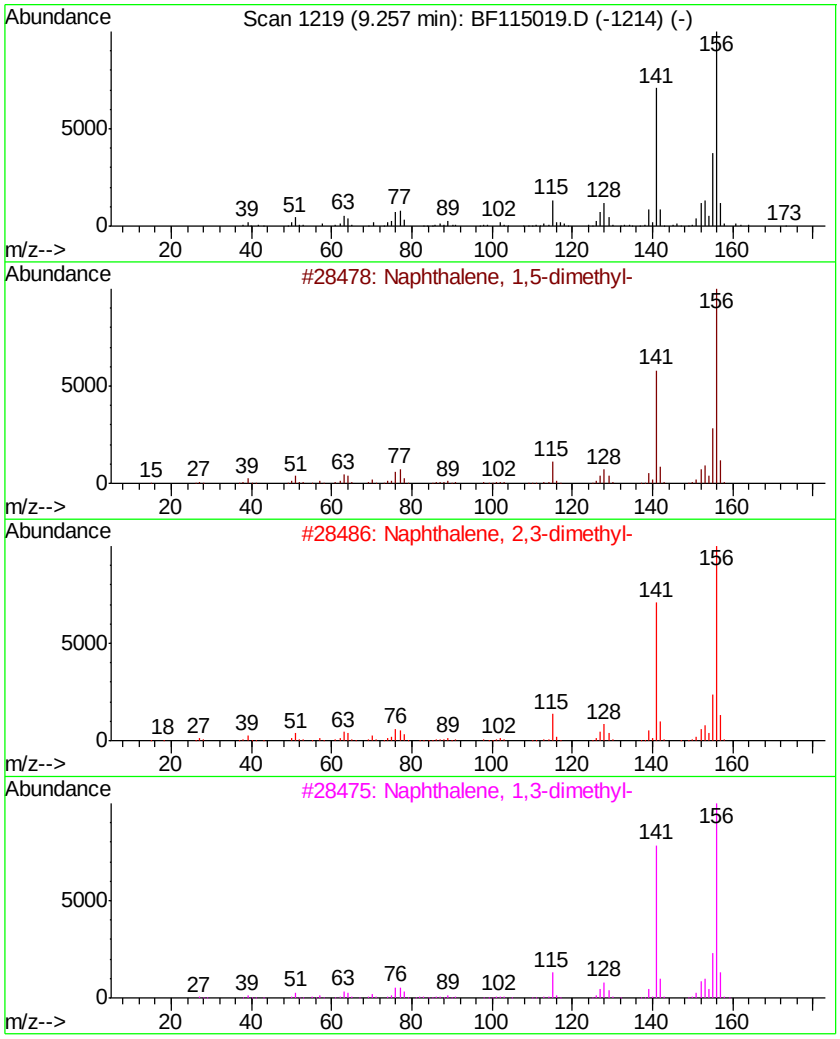
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

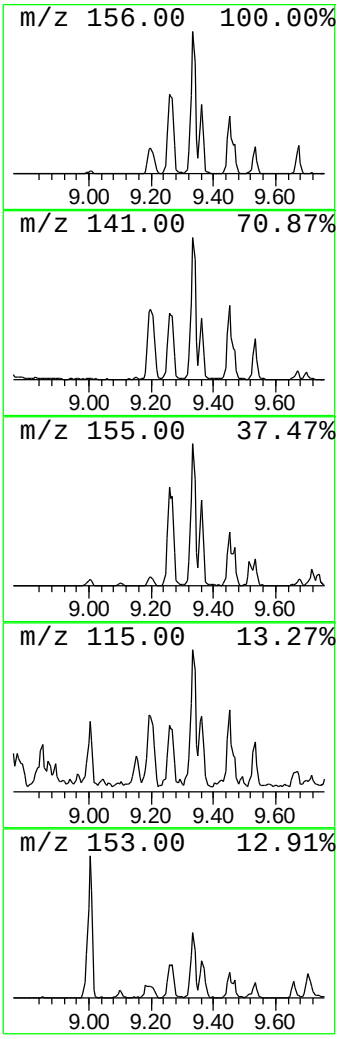
****

Peak Number 14 Naphthalene, 1,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	3.95 ng	497429	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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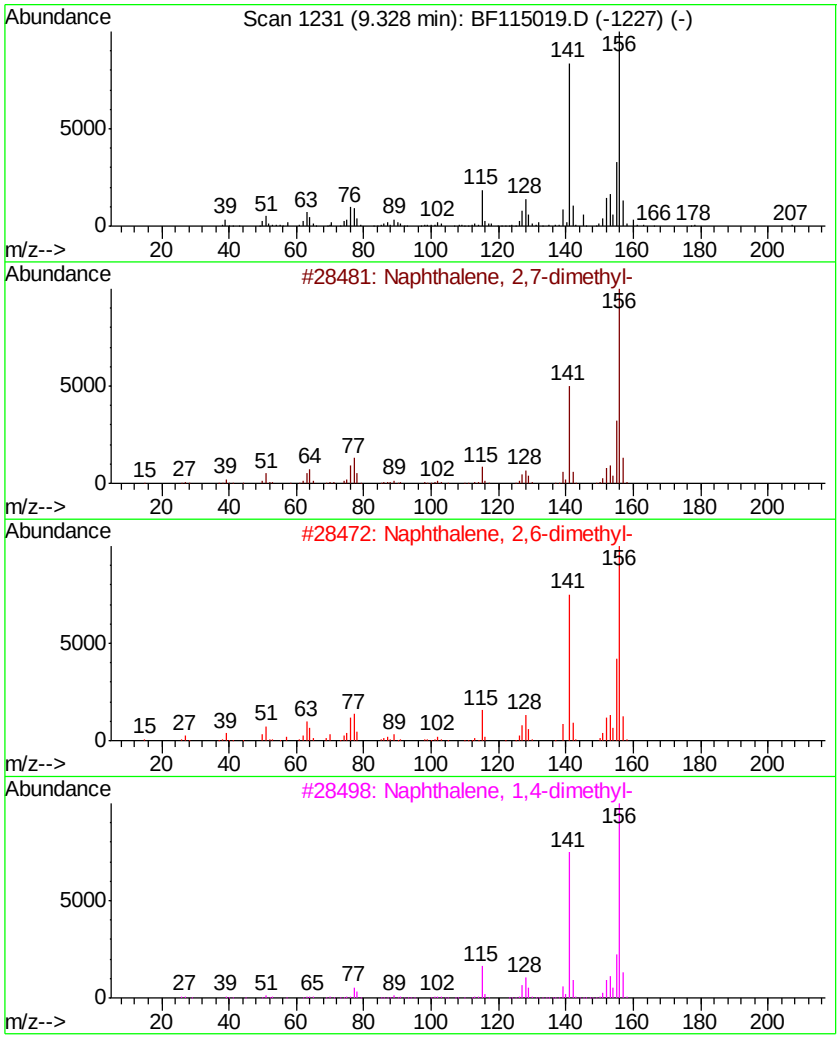
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

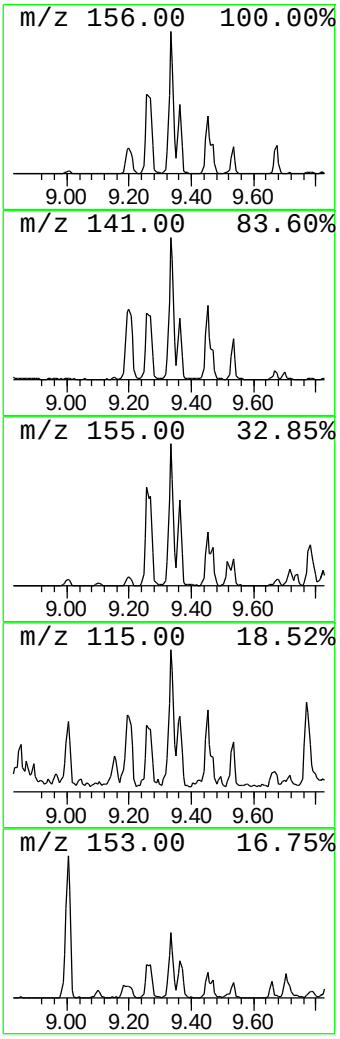
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	6.20 ng	780755	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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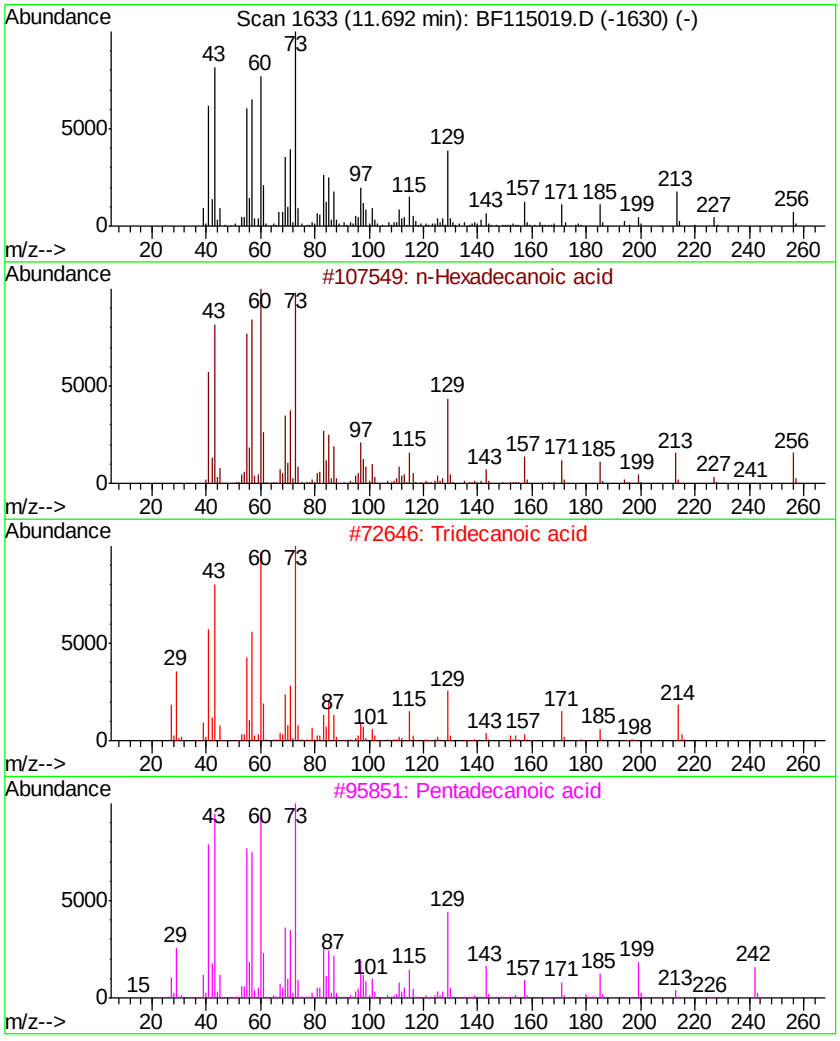
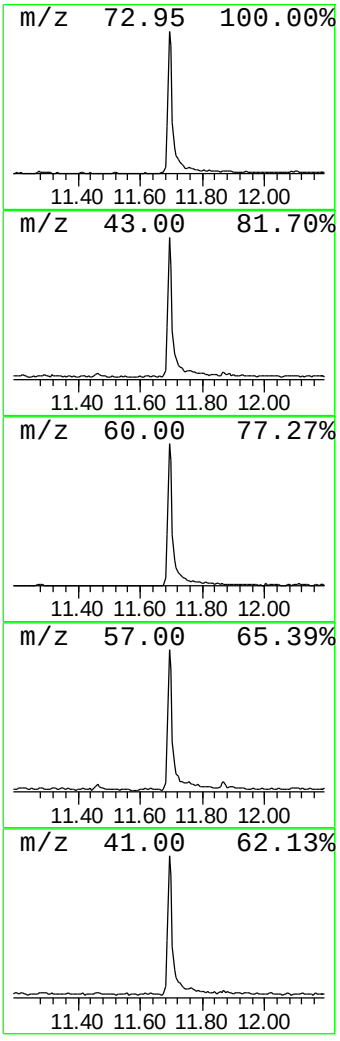
Peak Number 16 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	5.71 ng	663682	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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ClientSampleId : DUP-01_061219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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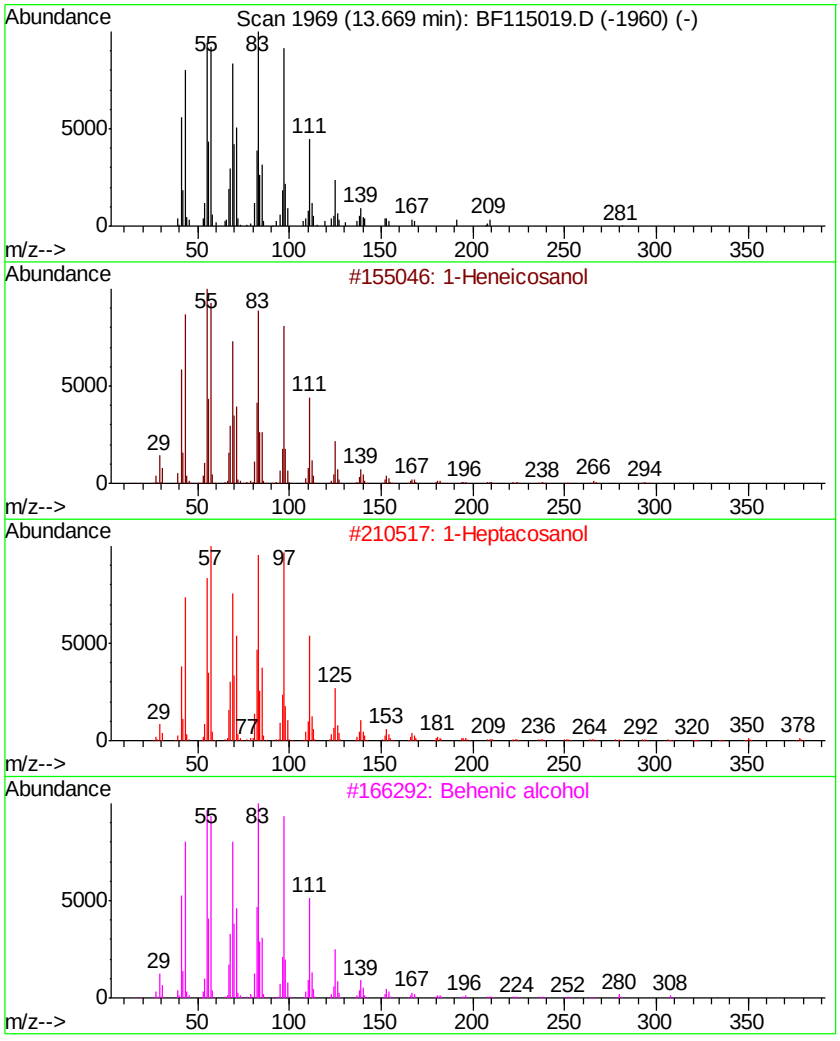
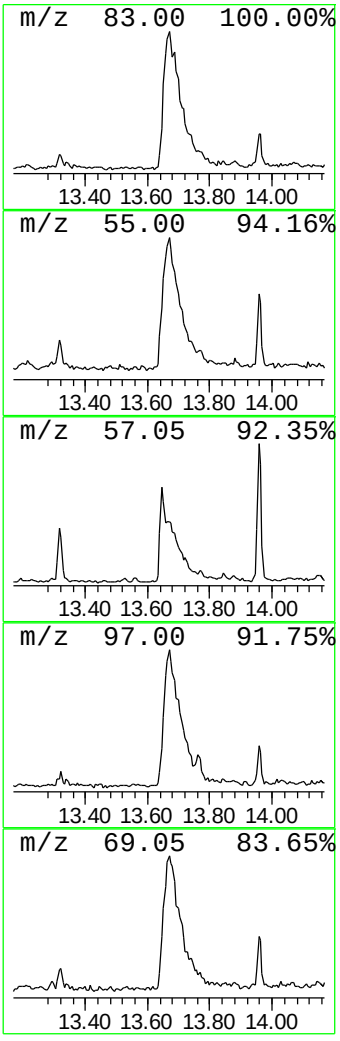
Peak Number 17 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	7.66 ng	690742	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91
5	1-Nonadecene	266	C19H38	018435-45-5	90





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

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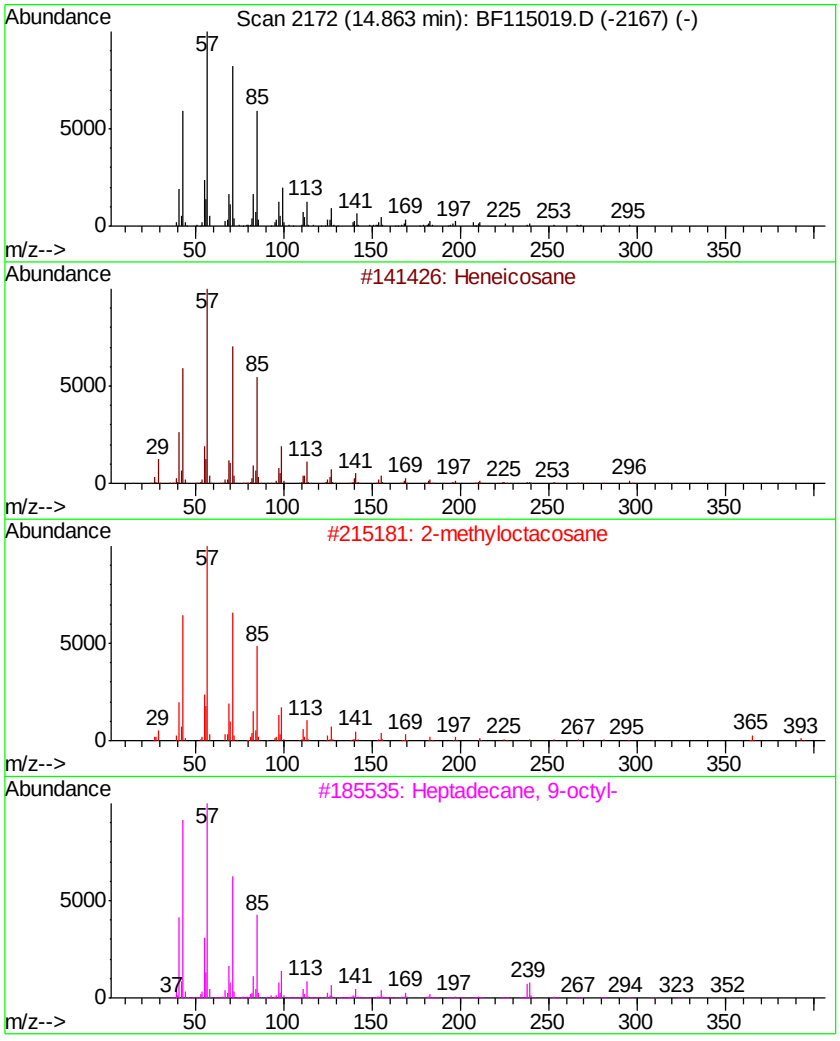
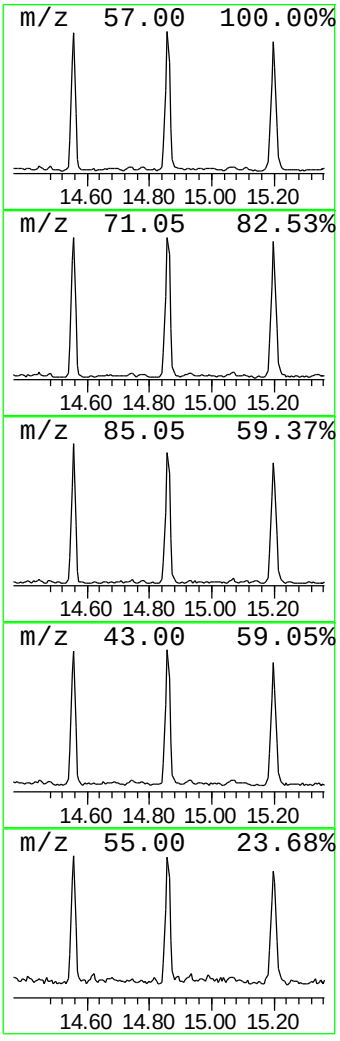
Peak Number 18 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.35 ng	336765	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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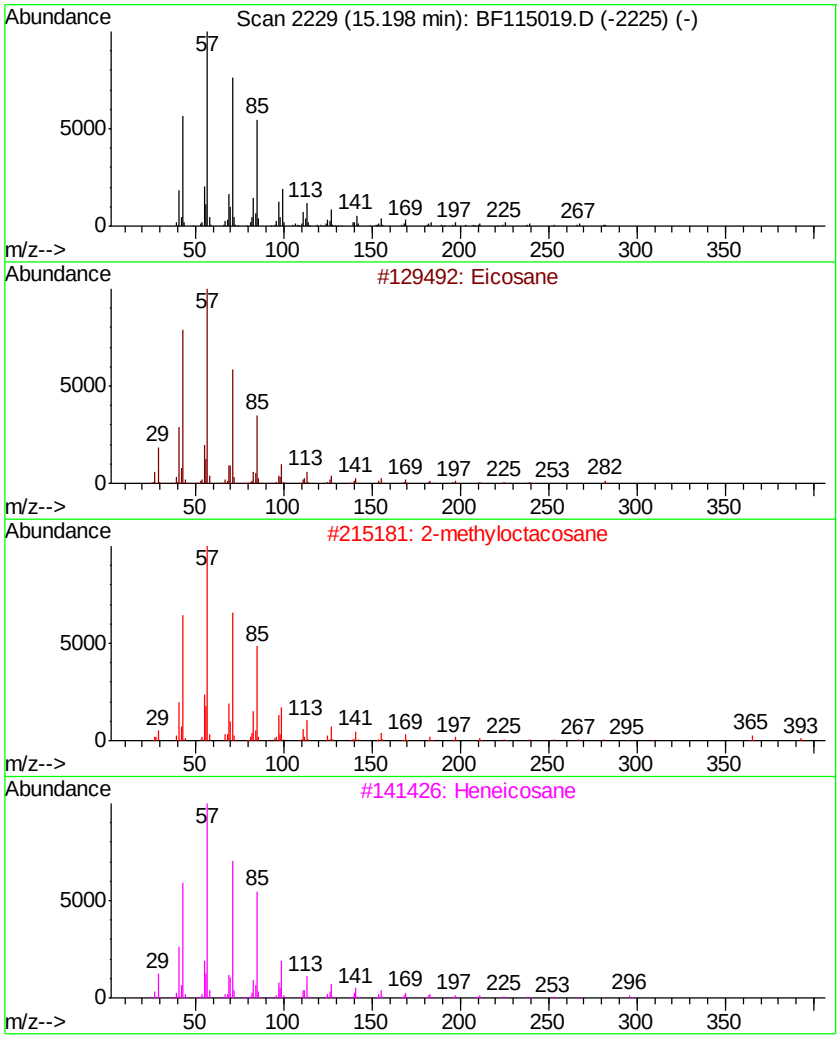
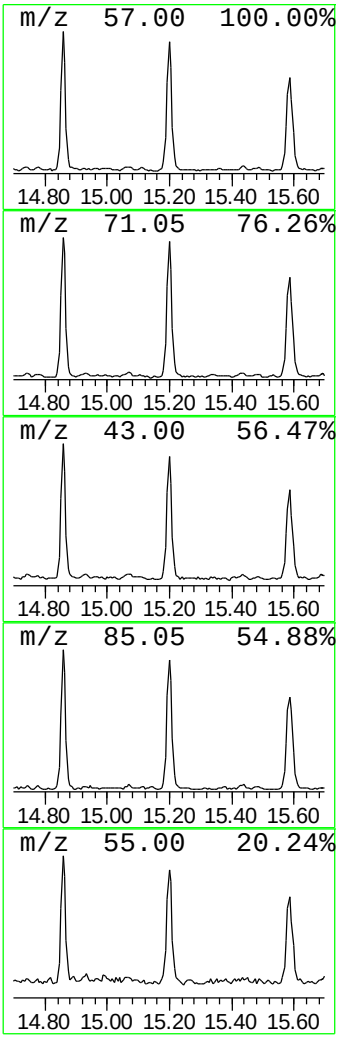
Peak Number 19 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	4.51 ng	348924	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Pentacosane	352	C25H52	000629-99-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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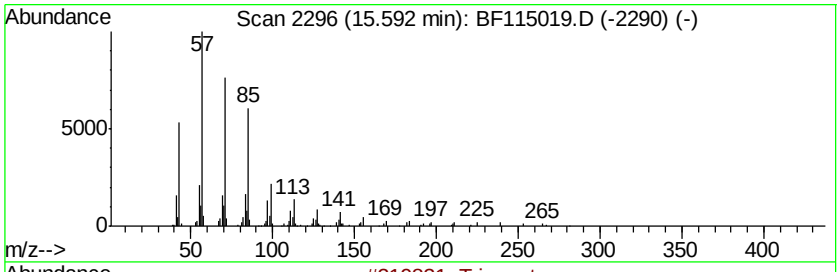
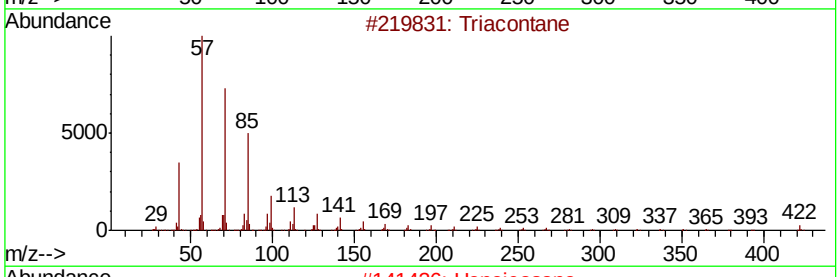
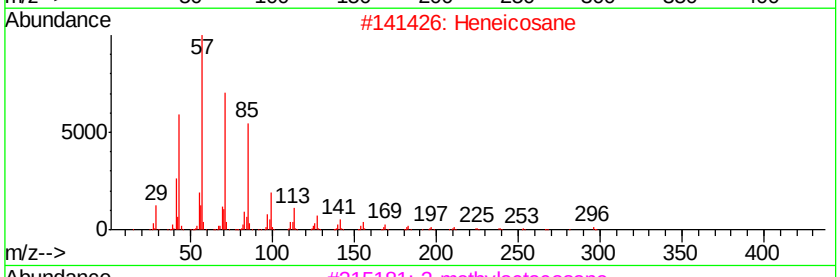
Peak Number 20 Triacontane Concentration Rank 20

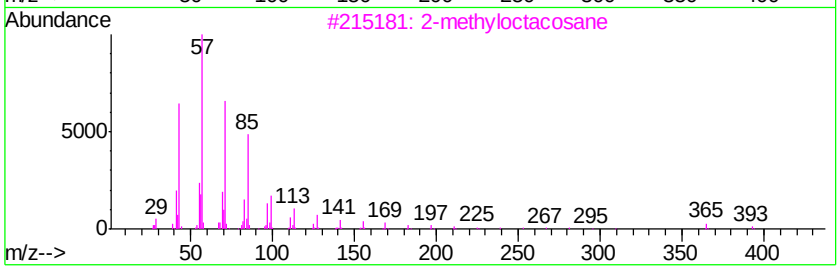
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	3.90 ng	301646	Perylene-d12	15.15

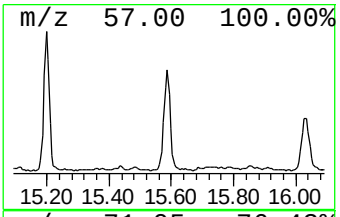
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91

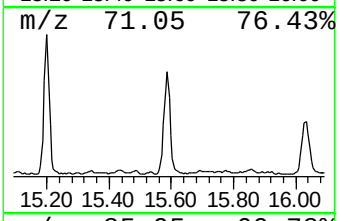


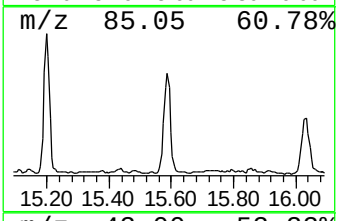


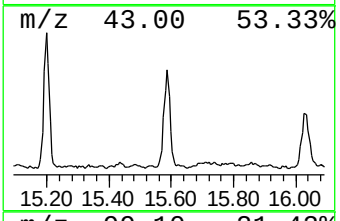


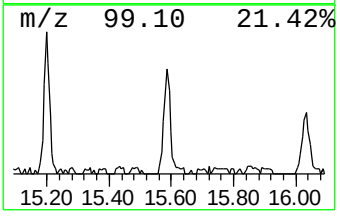












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
Data File : BF115019.D
Acq On : 13 Jun 2019 23:10
Operator : HP/JU
Sample : K3345-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01_061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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
Benzene, (1-methy...	5.82	42.1	ng	3294820	1	6.65	1564980	20.0
Benzene, propyl-	6.10	16.5	ng	1289640	1	6.65	1564980	20.0
unknown6.42	6.42	69.3	ng	5425690	1	6.65	1564980	20.0
Benzene, 1-ethyl-...	6.70	3.9	ng	308017	1	6.65	1564980	20.0
Benzene, 1,1'-(1,...	6.83	27.9	ng	2183340	1	6.65	1564980	20.0
Benzene, 1,3-diet...	6.90	6.9	ng	540006	1	6.65	1564980	20.0
Bicyclo[4.2.0]oct...	6.97	5.7	ng	443783	1	6.65	1564980	20.0
Benzene, 1,2,4,5-...	7.42	5.7	ng	791334	2	7.93	2783560	20.0
1H-Indene, 2,3-di...	7.60	7.2	ng	1004560	2	7.93	2783560	20.0
Benzene, 1,2,3,4-...	7.67	22.4	ng	3111810	2	7.93	2783560	20.0
Naphthalene, 1,2,...	8.43	5.5	ng	761185	2	7.93	2783560	20.0
Naphthalene, 1,2,...	8.59	5.5	ng	769545	2	7.93	2783560	20.0
Naphthalene, 1,5-...	9.26	4.0	ng	497429	3	9.67	2519150	20.0
Naphthalene, 2,7-...	9.33	6.2	ng	780755	3	9.67	2519150	20.0
n-Hexadecanoic acid	11.69	5.7	ng	663682	4	11.15	2322730	20.0
1-Heneicosanol	13.67	7.7	ng	690742	5	13.77	1802440	20.0
Heneicosane	14.86	4.3	ng	336765	6	15.15	1547120	20.0
Eicosane	15.20	4.5	ng	348924	6	15.15	1547120	20.0
Triacontane	15.59	3.9	ng	301646	6	15.15	1547120	20.0