LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101835.D
Acq On : 29 Dec 2017 18:00
Operator : SJ/JU
Sample : I7023-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-6

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.757	271	284	293	rBV2	199228	444848	9.15%	0.277%
2	4.057	324	335	339	rBV	221327	373301	7.68%	0.233%
3	4.399	383	393	402	rVB3	232210	424011	8.72%	0.264%
4	4.810	455	463	468	rBV	410291	507100	10.43%	0.316%
5	4.893	468	477	478	rBV3	394210	646166	13.30%	0.403%
6	4.916	478	481	485	rVB	561896	657872	13.54%	0.410%
7	4.963	485	489	494	rBV	558252	658651	13.55%	0.411%
8	5.010	494	497	506	rVB2	262937	506442	10.42%	0.316%
9	5.169	519	524	528	rBV2	764916	982279	20.21%	0.613%
10	5.257	534	539	541	rBV2	807555	981372	20.19%	0.612%
11	5.275	541	542	546	rVB	395064	330143	6.79%	0.206%
12	5.357	553	556	558	rVV	1128961	1031783	21.23%	0.644%
13	5.410	562	565	570	rBV	2858161	3221297	66.28%	2.009%
14	5.451	570	572	575	rVB	302392	293068	6.03%	0.183%
15	5.534	582	586	591	rBV3	538475	824317	16.96%	0.514%
16	5.581	591	594	597	rVV	911560	839203	17.27%	0.523%
17	5.622	597	601	607	rVB2	649051	872202	17.95%	0.544%
18	5.687	607	612	616	rVB2	238153	382007	7.86%	0.238%
19	5.787	623	629	633	rBV4	870847	1351459	27.81%	0.843%
20	5.834	633	637	640	rBV2	621107	930306	19.14%	0.580%
21	5.922	648	652	657	rVV3	1074591	1631111	33.56%	1.017%
22	5.969	657	660	662	rVB	465223	447562	9.21%	0.279%
23	6.016	662	668	674	rBV3	2854079	4357619	89.66%	2.718%
24	6.069	674	677	680	rVB	1412311	1265162	26.03%	0.789%
25	6.104	680	683	686	rBV4	378559	527774	10.86%	0.329%
26	6.151	690	691	695	rVB2	359644	321799	6.62%	0.201%
27	6.204	695	700	703	rBV2	1658365	2107787	43.37%	1.315%
28	6.245	703	707	709	rBV2	942499	1446829	29.77%	0.902%
29	6.269	709	711	714	rVB	2039220	1580055	32.51%	0.985%
30	6.304	714	717	721	rBV3	2031772	2875512	59.17%	1.793%
31	6.357	724	726	728	rBV	899893	733408	15.09%	0.457%
32	6.381	728	730	734	rVB2	1259720	1238202	25.48%	0.772%
33	6.440	734	740	743	rBV2	3206257	4240584	87.25%	2.645%
34	6.469	743	745	748	rVB2	866861	787334	16.20%	0.491%

LSC Area Percent Report

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Acq On : 29 Dec 2017 18:00
Operator : SJ/JU
Sample : I7023-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-6

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.516	748	753	757	rBV5	1435869	2749073	56.57%	1.715%
36	6.563	757	761	765	rVB2	3546608	4392582	90.38%	2.740%
37	6.610	765	769	771	rBV2	1548702	2023035	41.63%	1.262%
38	6.657	775	777	779	rBV2	361385	342202	7.04%	0.213%
39	6.716	779	787	788	rBV5	727082	1487547	30.61%	0.928%
40	6.734	788	790	792	rVV2	926330	940061	19.34%	0.586%
41	6.757	792	794	796	rVV	775727	808507	16.64%	0.504%
42	6.793	796	800	804	rVV2	2894786	3497538	71.97%	2.181%
43	6.834	804	807	810	rVB3	948959	988409	20.34%	0.616%
44	6.863	810	812	814	rBV3	506506	581481	11.96%	0.363%
45	6.887	814	816	819	rVB	766379	729973	15.02%	0.455%
46	6.922	819	822	824	rBV	2542794	3000986	61.75%	1.872%
47	6.945	824	826	833	rVB3	2416311	3262061	67.12%	2.035%
48	7.004	833	836	838	rBV2	858637	872641	17.96%	0.544%
49	7.057	838	845	847	rBV4	2596564	4394616	90.42%	2.741%
50	7.081	847	849	851	rVV	1128645	1207375	24.84%	0.753%
51	7.104	851	853	859	rVB2	2585469	3981230	81.92%	2.483%
52	7.175	859	865	868	rBV2	2514961	3835194	78.91%	2.392%
53	7.251	875	878	880	rBV2	1341096	1549838	31.89%	0.967%
54	7.275	880	882	884	rVV	1211372	1065055	21.91%	0.664%
55	7.322	884	890	893	rVV2	2882973	4532201	93.26%	2.827%
56	7.363	893	897	902	rVB4	2799599	4603529	94.72%	2.871%
57	7.428	902	908	911	rBV6	2433760	4232601	87.09%	2.640%
58	7.475	911	916	917	rBV2	1599636	2310091	47.53%	1.441%
59	7.534	923	926	928	rBV2	723631	912075	18.77%	0.569%
60	7.563	928	931	933	rVV2	2244810	2768633	56.97%	1.727%
61	7.587	933	935	939	rVB2	2075179	2301460	47.36%	1.435%
62	7.692	945	953	954	rBV5	2284347	4860001	100.00%	3.031%
63	7.751	960	963	966	rVB2	1946928	2620115	53.91%	1.634%
64	7.787	966	969	971	rBV4	1228022	1378523	28.36%	0.860%
65	7.816	971	974	977	rVV3	1785557	2345831	48.27%	1.463%
66	7.869	980	983	984	rBV	785534	693101	14.26%	0.432%
67	7.887	984	986	989	rVB4	1146574	1245825	25.63%	0.777%
68	7.945	993	996	999	rVB2	1619018	1770880	36.44%	1.105%
69	7.975	999	1001	1004	rBV	581866	566116	11.65%	0.353%
70	8.034	1004	1011	1012	rBV5	1740869	3271813	67.32%	2.041%
71	8.104	1020	1023	1025	rBV3	1113694	1586711	32.65%	0.990%

LSC Area Percent Report

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Sample : I7023-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-6

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.163	1031	1033	1036	rVB2	1086437	995035	20.47%	0.621%
73	8.228	1041	1044	1046	rBV2	1204029	1519950	31.27%	0.948%
74	8.275	1050	1052	1055	rVB2	1415460	1501891	30.90%	0.937%
75	8.422	1075	1077	1081	rVB4	1257913	1325068	27.26%	0.826%
76	8.592	1103	1106	1108	rBV2	1237725	1281869	26.38%	0.800%
77	9.434	1246	1249	1250	rBV	1022154	1222494	25.15%	0.762%
78	10.098	1358	1362	1370	rVB7	1544508	3055844	62.88%	1.906%
79	10.169	1371	1374	1377	rBV2	1064919	1297793	26.70%	0.809%
80	10.204	1377	1380	1384	rVB4	1466383	1701359	35.01%	1.061%
81	10.251	1385	1388	1391	rBV2	1023876	1632637	33.59%	1.018%
82	10.757	1468	1474	1480	rVB2	2244747	4816612	99.11%	3.004%
83	11.210	1547	1551	1554	rBV	1520622	1989129	40.93%	1.241%
84	11.363	1574	1577	1584	rVB	1372839	2033725	41.85%	1.268%
85	11.551	1607	1609	1612	rVB3	841624	710449	14.62%	0.443%
86	11.833	1654	1657	1660	rBV	888888	967680	19.91%	0.604%
87	11.863	1660	1662	1665	rVB	1022880	911860	18.76%	0.569%
88	11.939	1673	1675	1678	rVV	889232	826808	17.01%	0.516%
89	11.969	1678	1680	1684	rVB	986538	864004	17.78%	0.539%
90	12.063	1694	1696	1699	rVB2	804696	733369	15.09%	0.457%
91	12.269	1729	1731	1734	rVB2	694525	648540	13.34%	0.404%
92	12.304	1735	1737	1739	rVB	475648	348272	7.17%	0.217%
93	12.380	1747	1750	1752	rBV	944584	911515	18.76%	0.569%
94	12.457	1761	1763	1766	rBV2	317136	299814	6.17%	0.187%
95	12.780	1815	1818	1821	rVB	357398	360533	7.42%	0.225%
96	12.822	1822	1825	1829	rVB	326979	388431	7.99%	0.242%
97	12.898	1835	1838	1841	rVB	2225954	2085220	42.91%	1.301%
98	13.969	2016	2020	2028	rVB	781883	797266	16.40%	0.497%
99	14.680	2137	2141	2149	rBV	729694	783016	16.11%	0.488%
100	15.439	2265	2270	2279	rVB2	544888	794419	16.35%	0.495%

Sum of corrected areas: 160332077

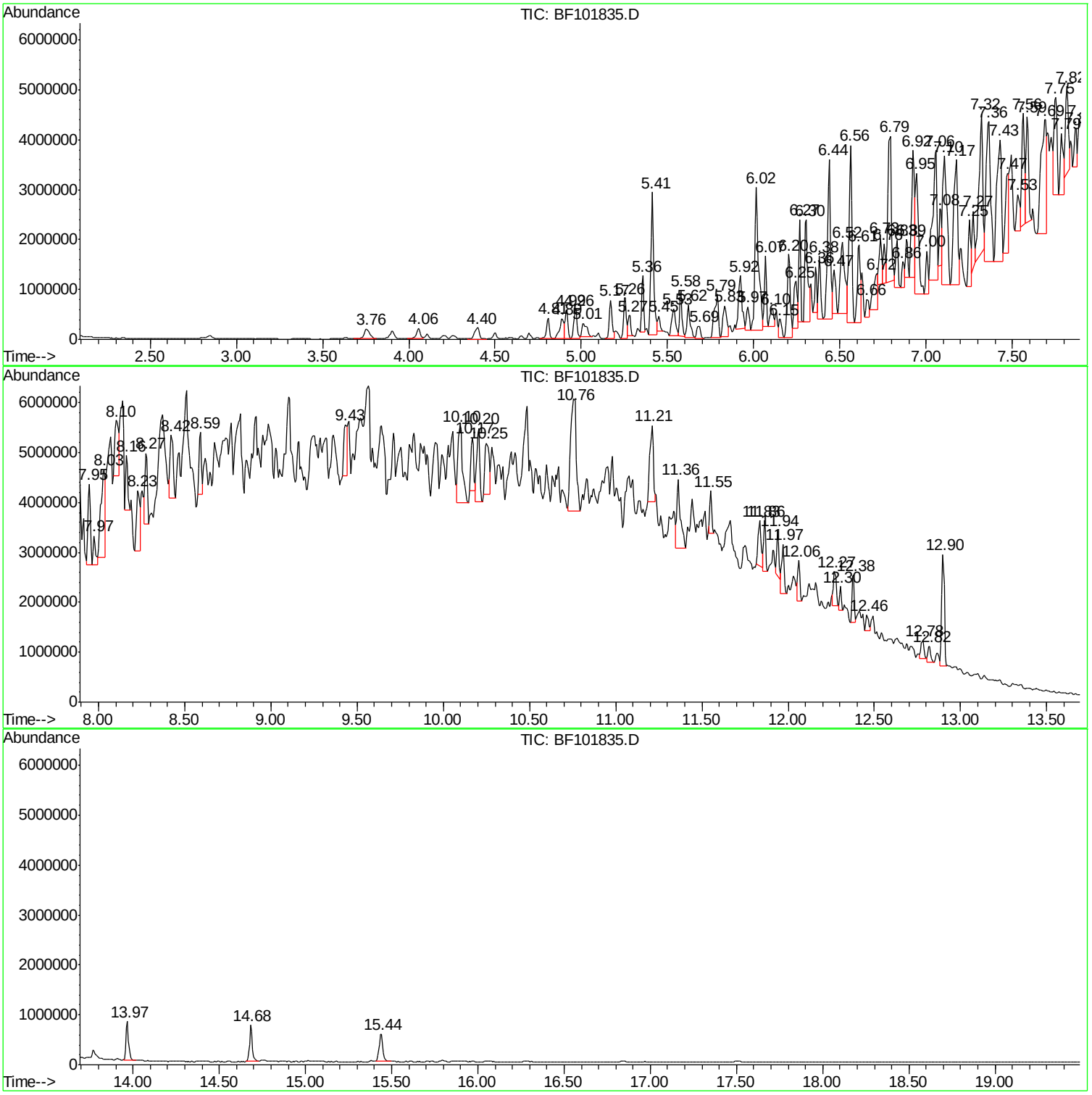
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101835.D
Acq On : 29 Dec 2017 18:00
Operator : SJ/JU
Sample : I7023-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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\BF122917\
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

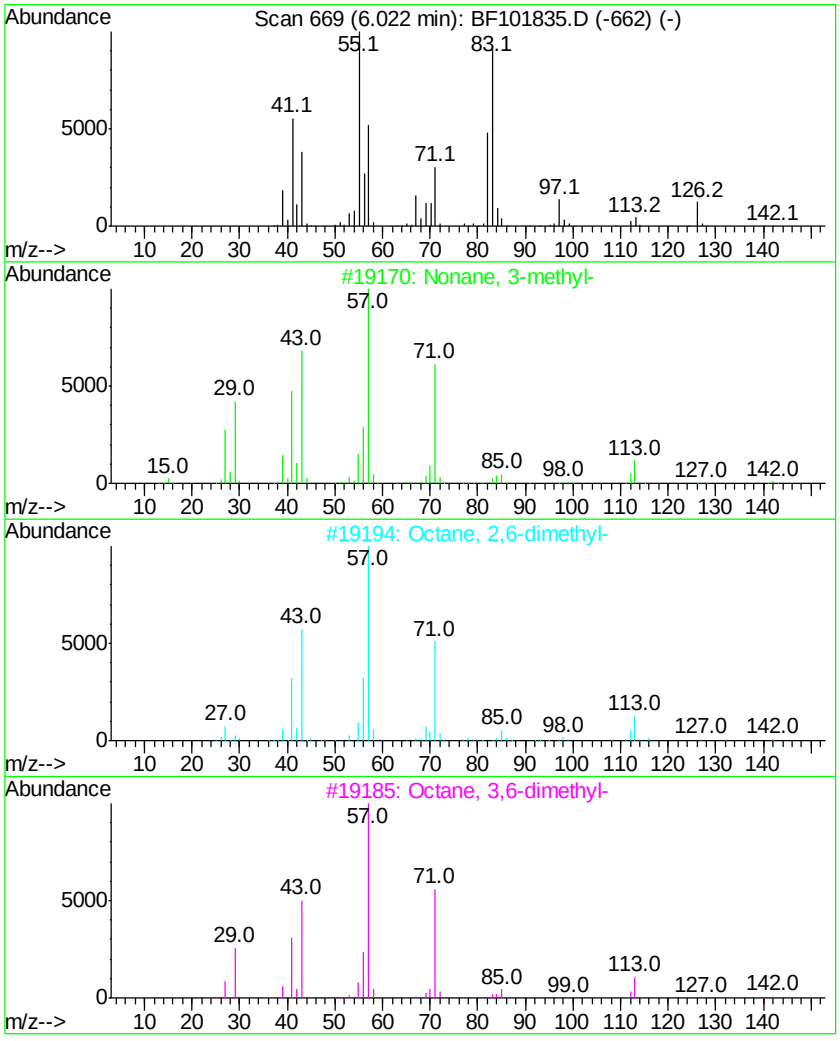
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

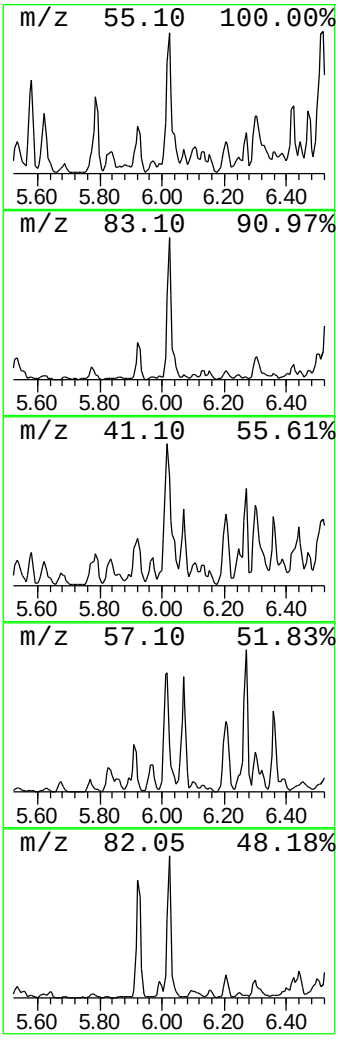
****

Peak Number 1 Nonane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	24.92 ng	4357620	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
5	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101835.D
Acq On : 29 Dec 2017 18:00
Operator : SJ/JU
Sample : I7023-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

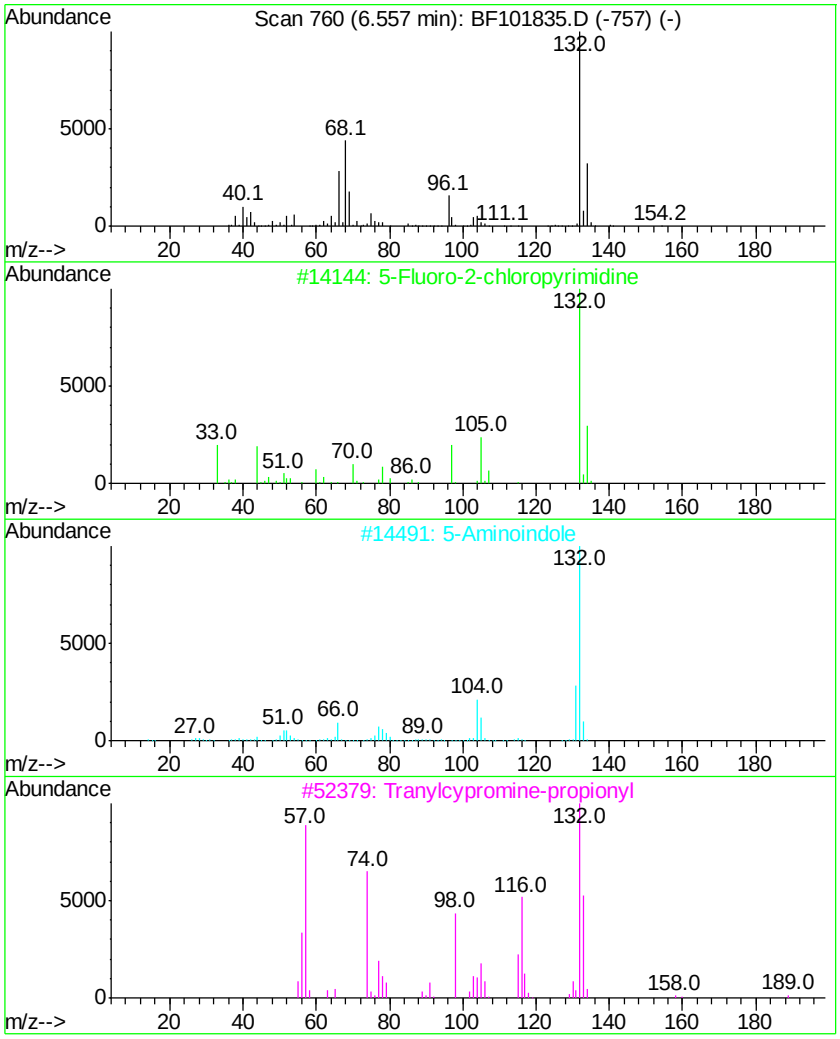
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

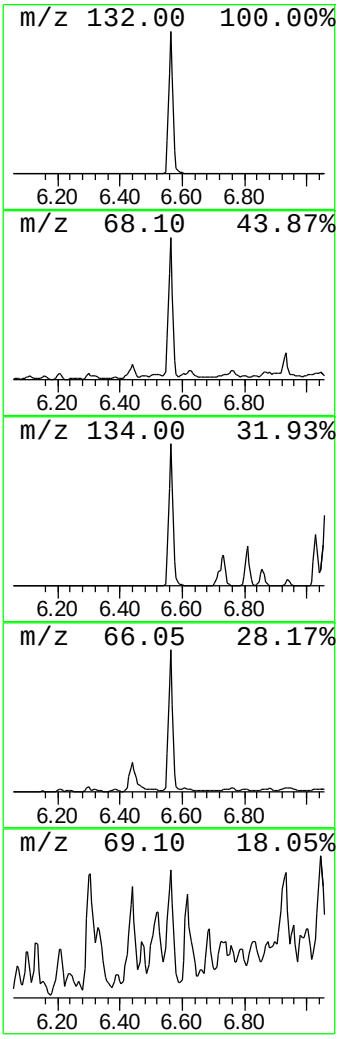
****

Peak Number 2 unknown6.56 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	25.12 ng	4392580	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : LB-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

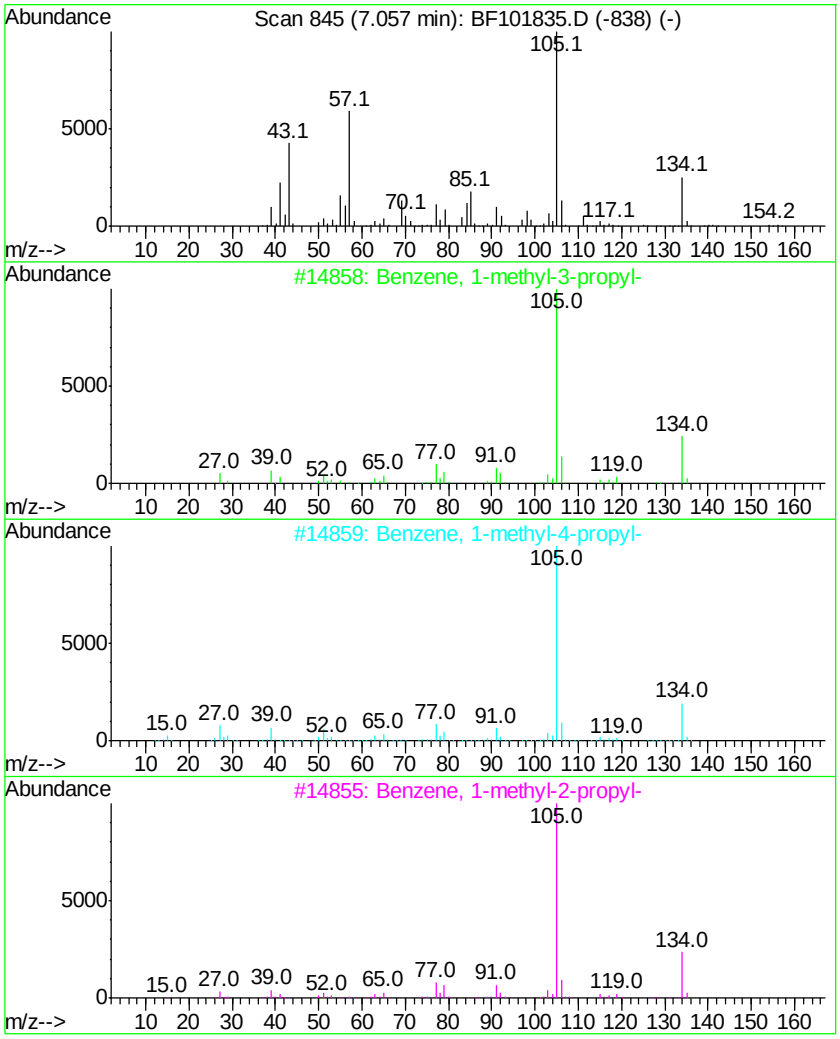
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

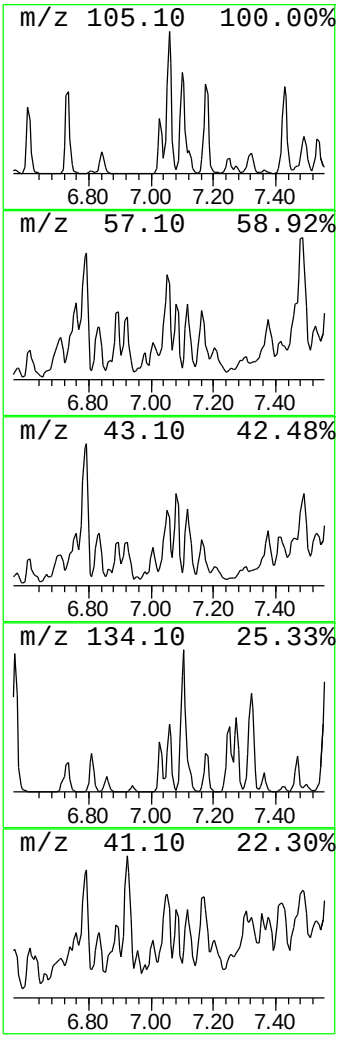
****

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	25.13 ng	4394620	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
5	2-Tolyloxirane	134	C9H10O	002783-26-8	41





Library Search Compound Report

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Sample : I7023-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

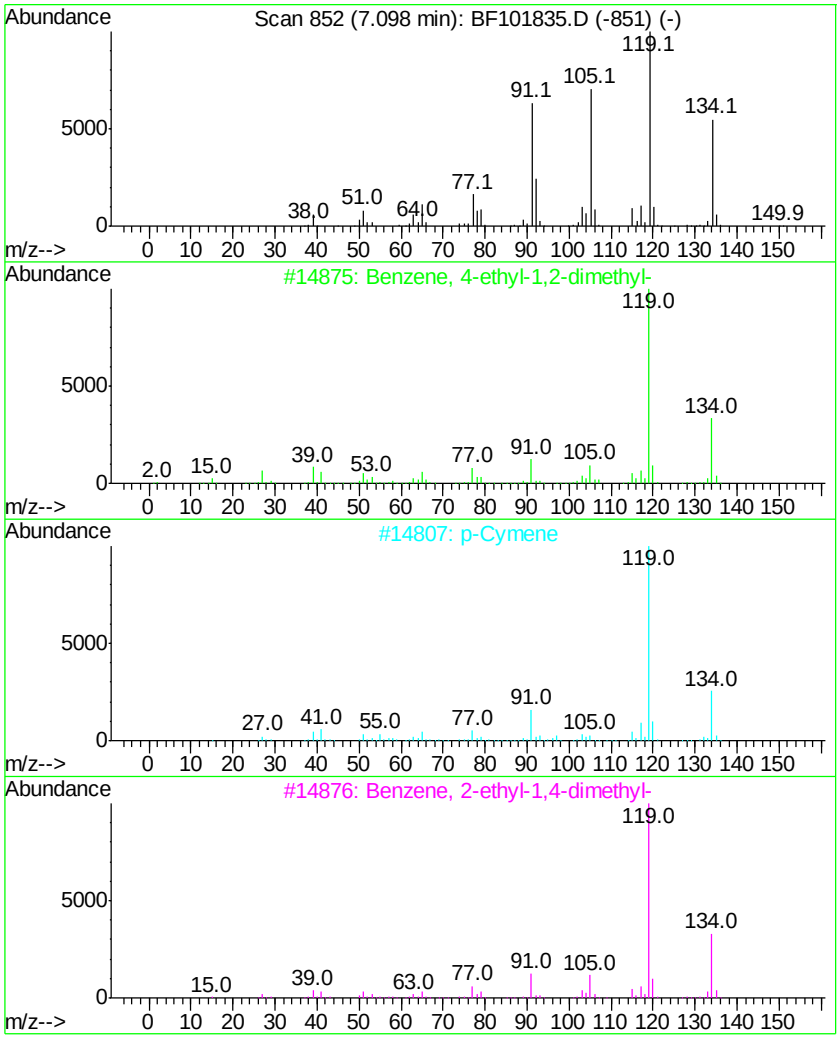
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

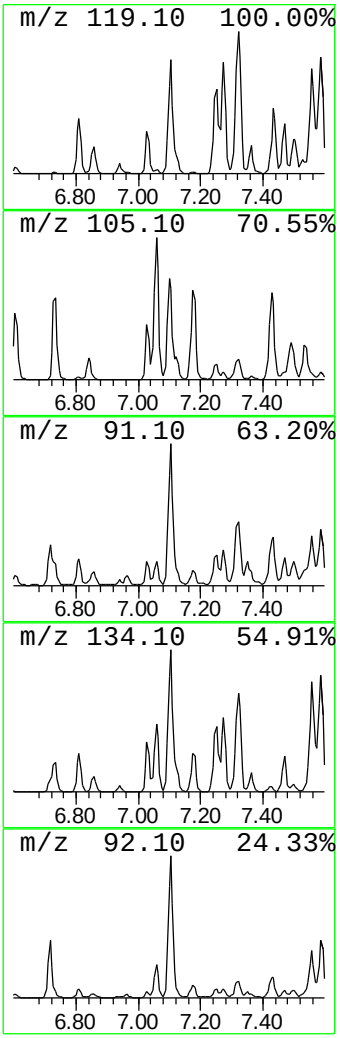
****

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	22.77 ng	3981230	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	p-Cymene	134	C10H14	000099-87-6	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101835.D
Acq On : 29 Dec 2017 18:00
Operator : SJ/JU
Sample : I7023-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

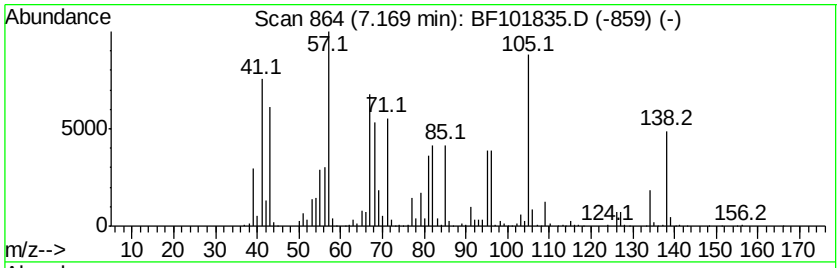
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

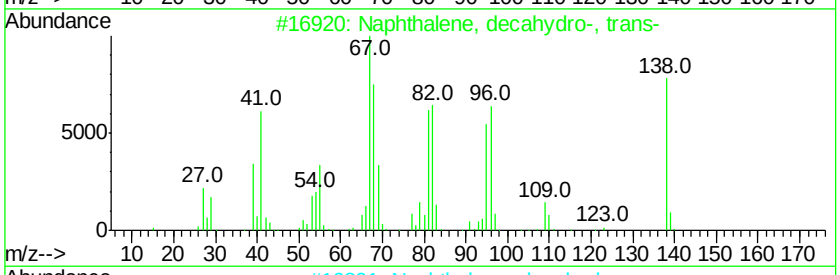
****

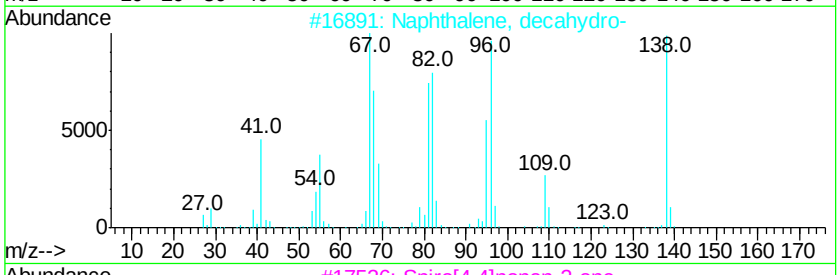
Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 14

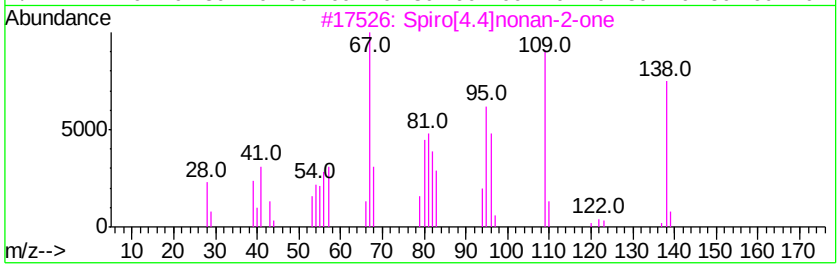
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	21.93 ng	3835190	1,4-Dichlorobenzene-d4	6.79

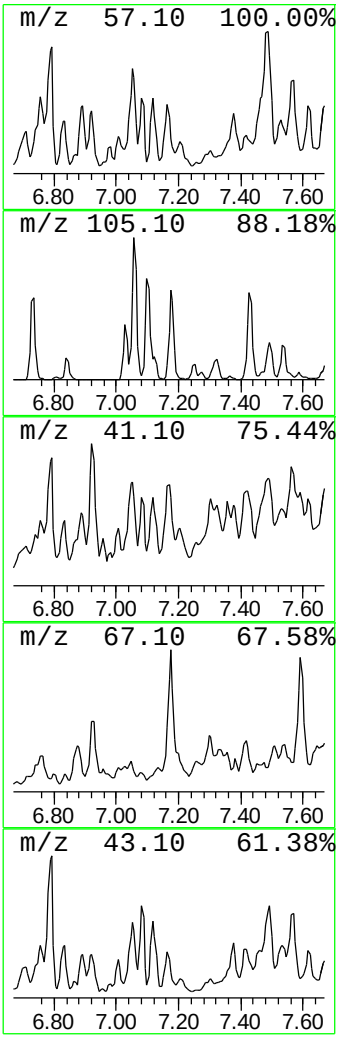
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	86
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	55
3	Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	43
4	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	35
5	5-Octen-1-ol, (Z)-	128	C8H16O	064275-73-6	30











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Acq On : 29 Dec 2017 18:00
Operator : SJ/JU
Sample : I7023-09
Misc :
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Instrument : BNA_F
ClientSampleId : LB-6

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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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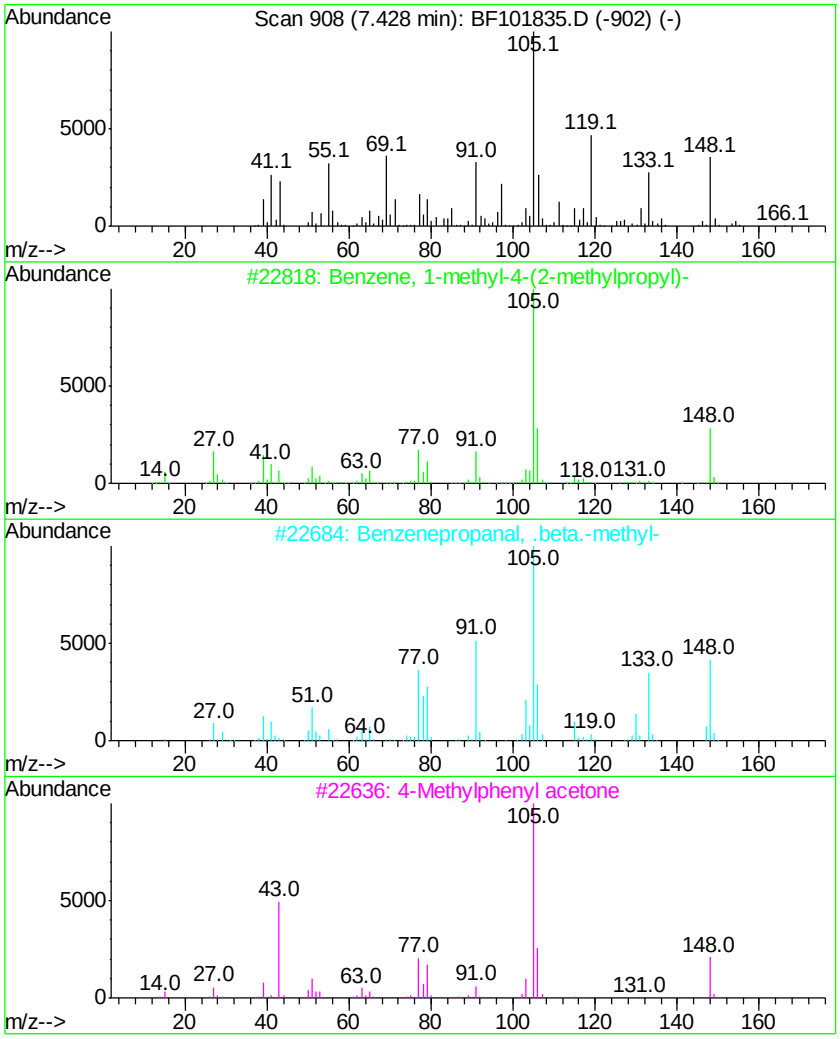
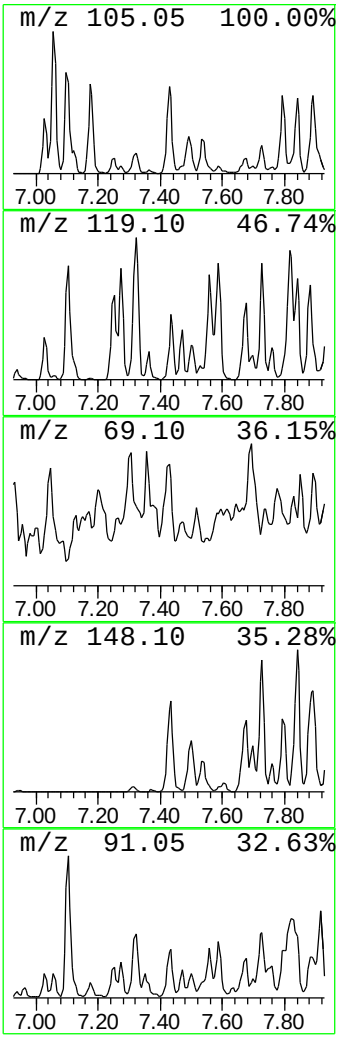
Peak Number 7 unknown7.43 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	24.20 ng	4232600	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	42
2	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	38
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
4	Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	30
5	2-Methylindan-2-ol	148	C10H12O	033223-84-6	30





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : LB-6

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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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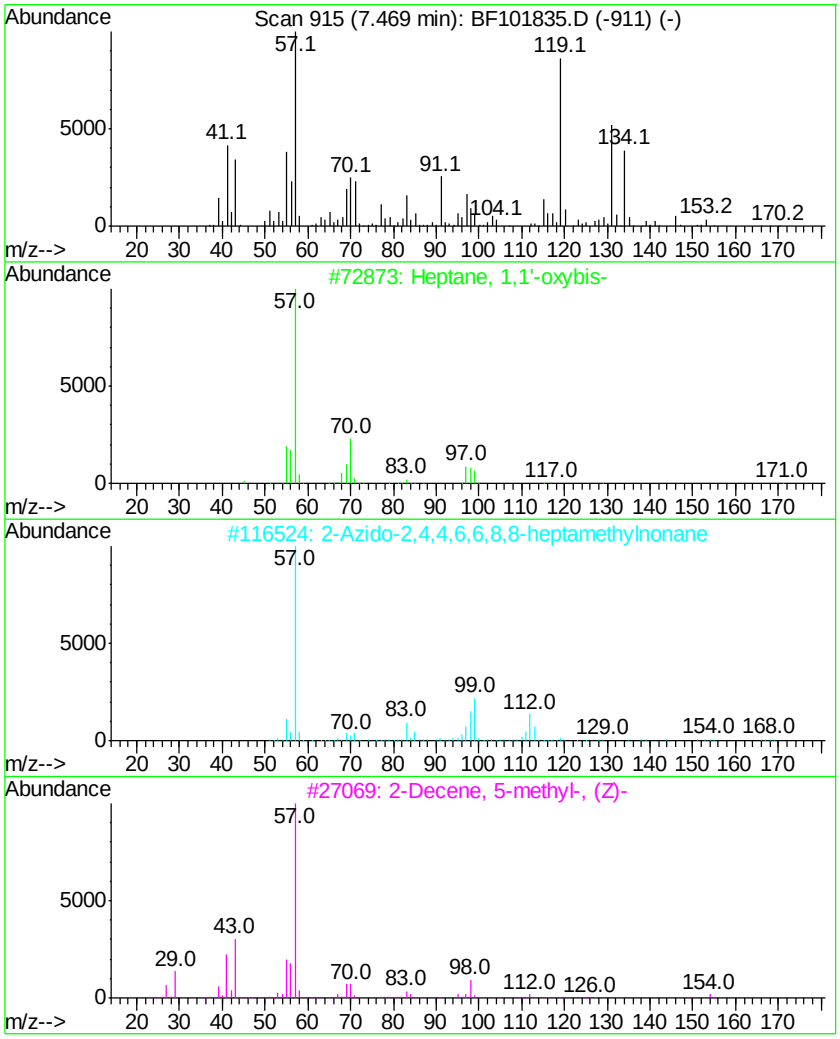
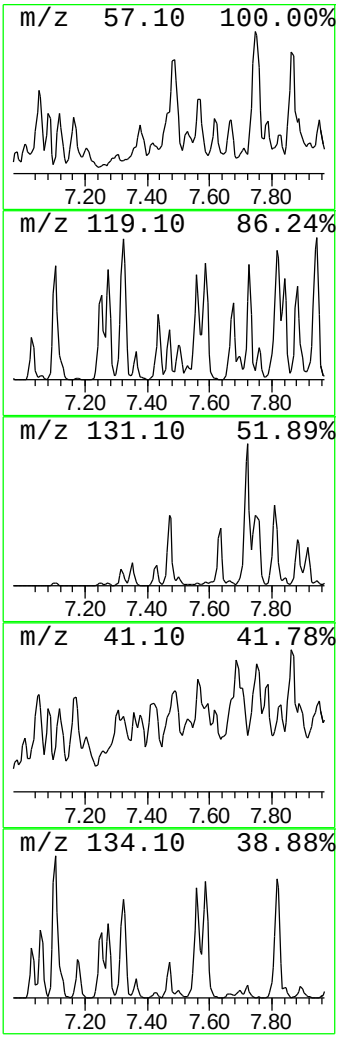
Peak Number 8 unknown7.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	29.12 ng	2310090	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	22
2	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	22
3	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	22
4	Octane, 3-methyl-	128	C9H20	002216-33-3	14
5	Heptane, 1-(2-propenyloxy)-	156	C10H20O	016519-24-7	14





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-6

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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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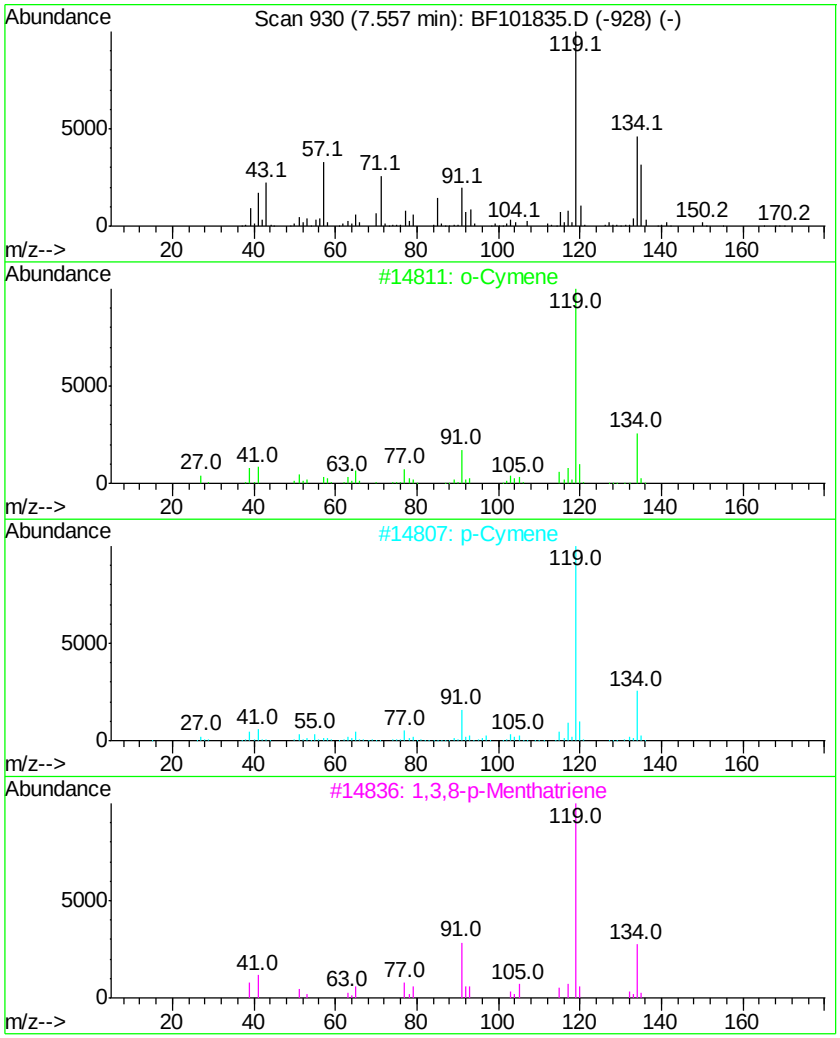
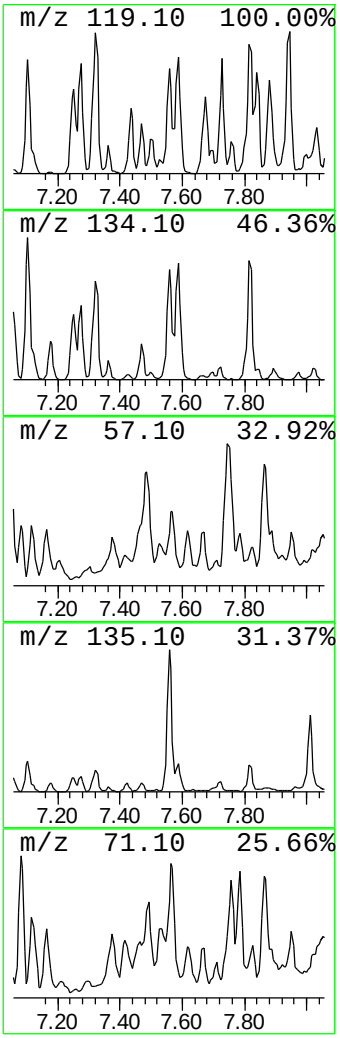
Peak Number 9 unknown7.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	34.90 ng	2768630	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	46
2	p-Cymene	134	C10H14	000099-87-6	46
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	46
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	46





Library Search Compound Report

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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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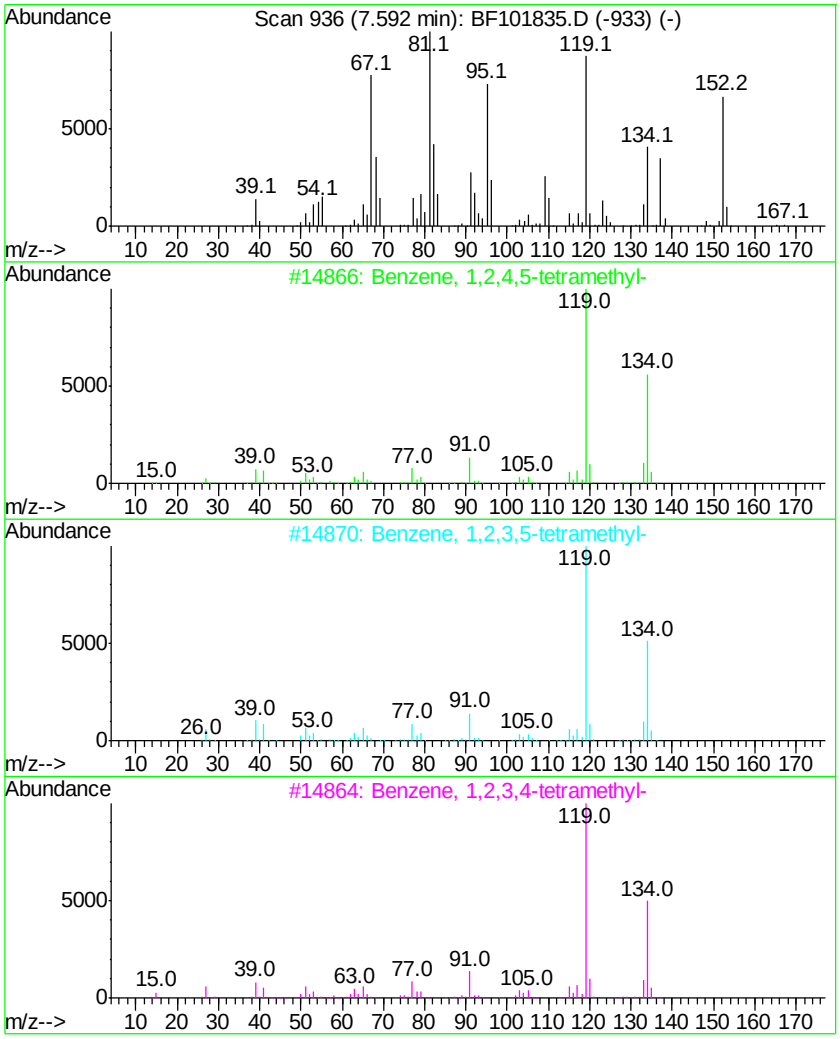
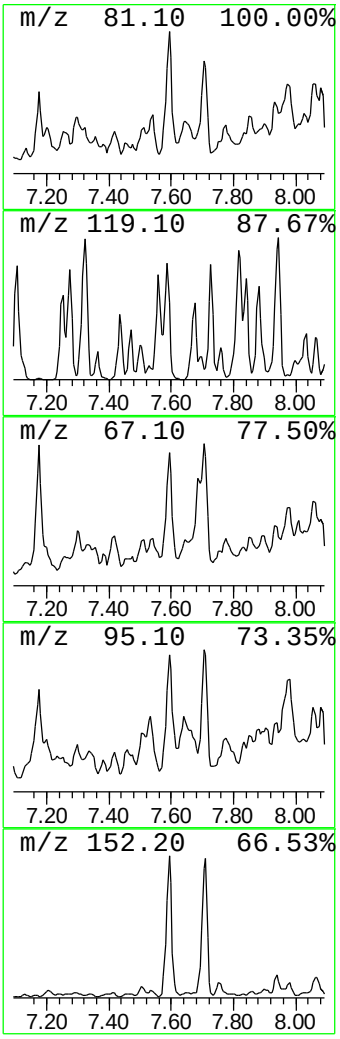
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	29.01 ng	2301460	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	55
5	p-Cymene	134	C10H14	000099-87-6	55





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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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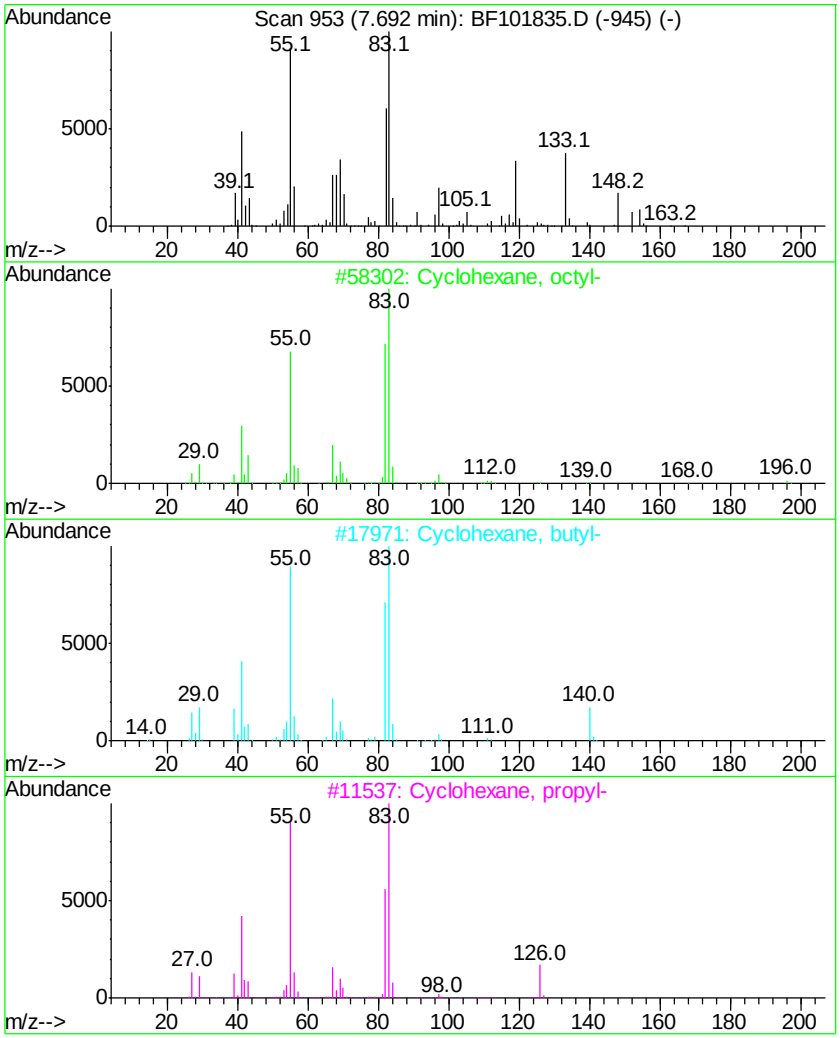
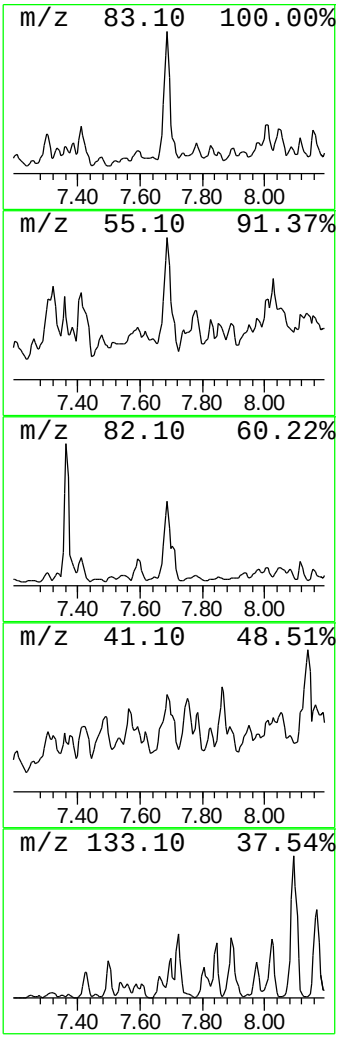
Peak Number 11 Cyclohexane, octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	61.26 ng	4860000	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47





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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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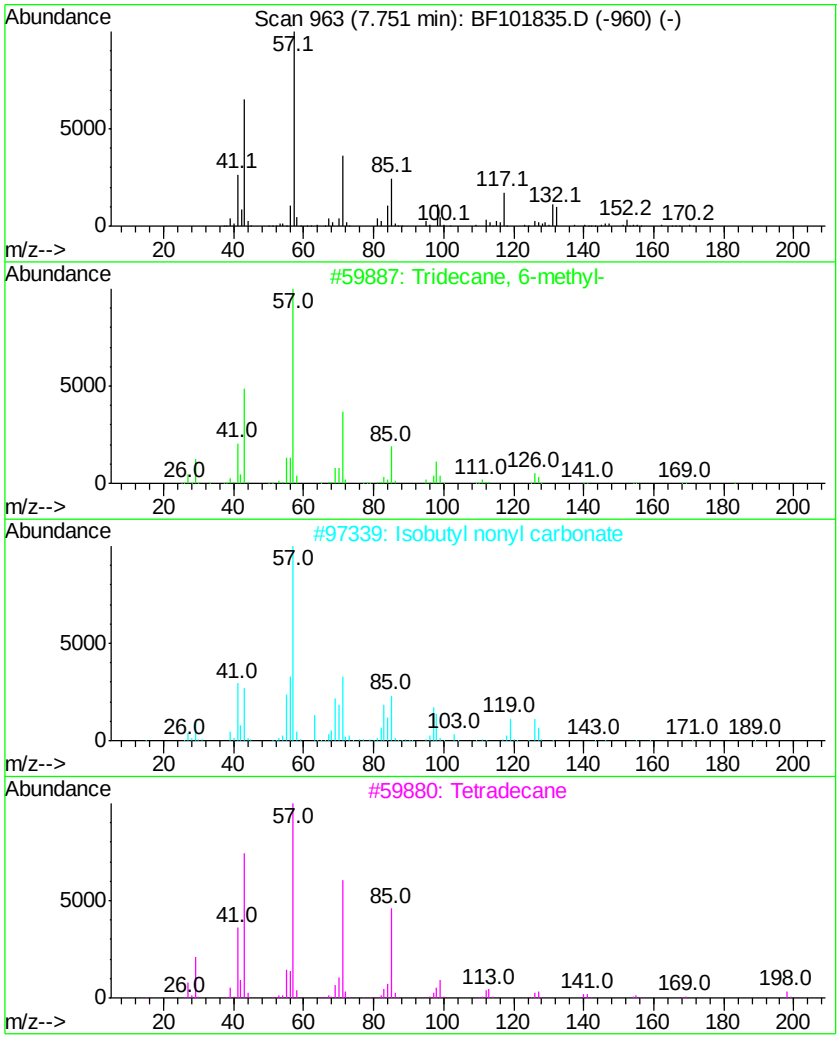
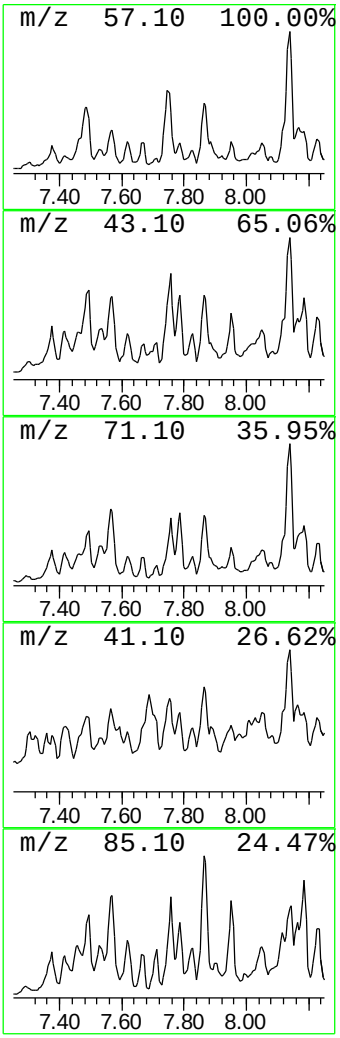
Peak Number 12 Tridecane, 6-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	33.03 ng	2620120	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
2	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	50
3	Tetradecane	198	C14H30	000629-59-4	47
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	43
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	43





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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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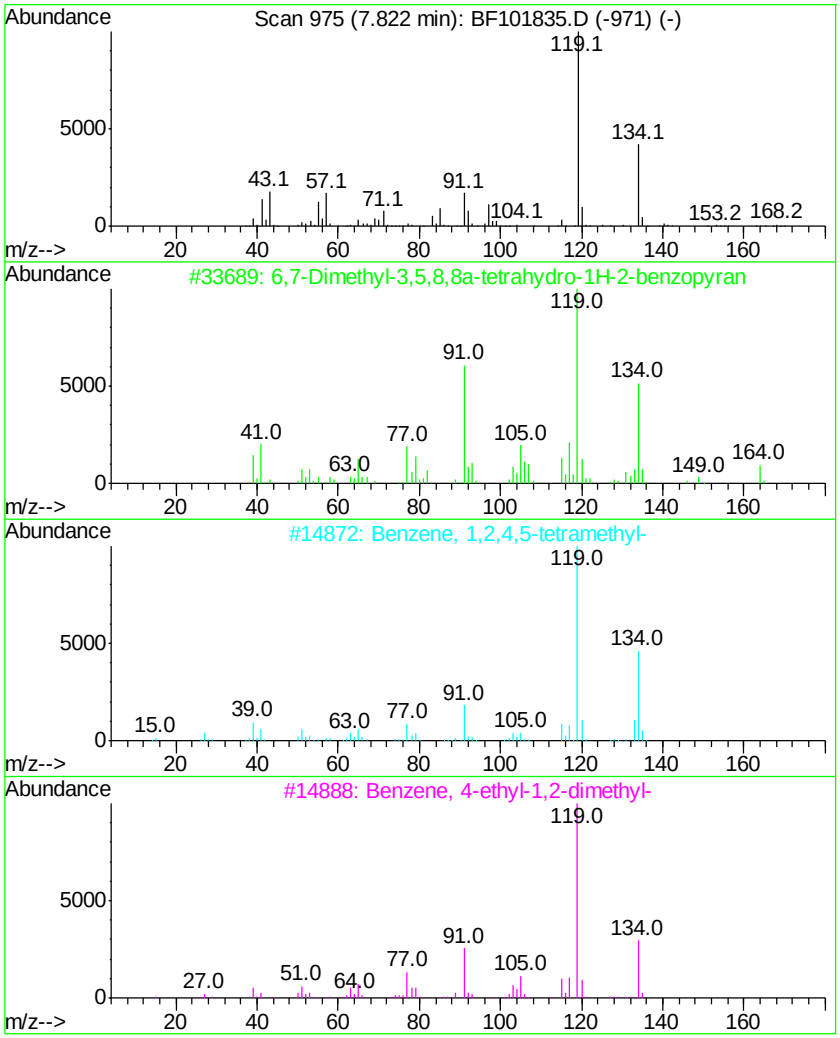
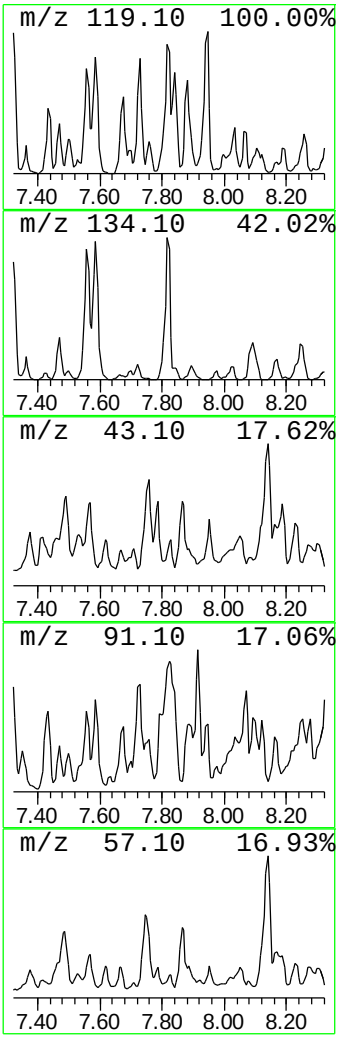
Peak Number 13 6,7-Dimethyl-3,5,8,8a-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	29.57 ng	2345830	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dimethyl-3,5,8,8a-tetrahydro...	164	C11H16O	110028-10-9	74
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	62
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	59
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	58





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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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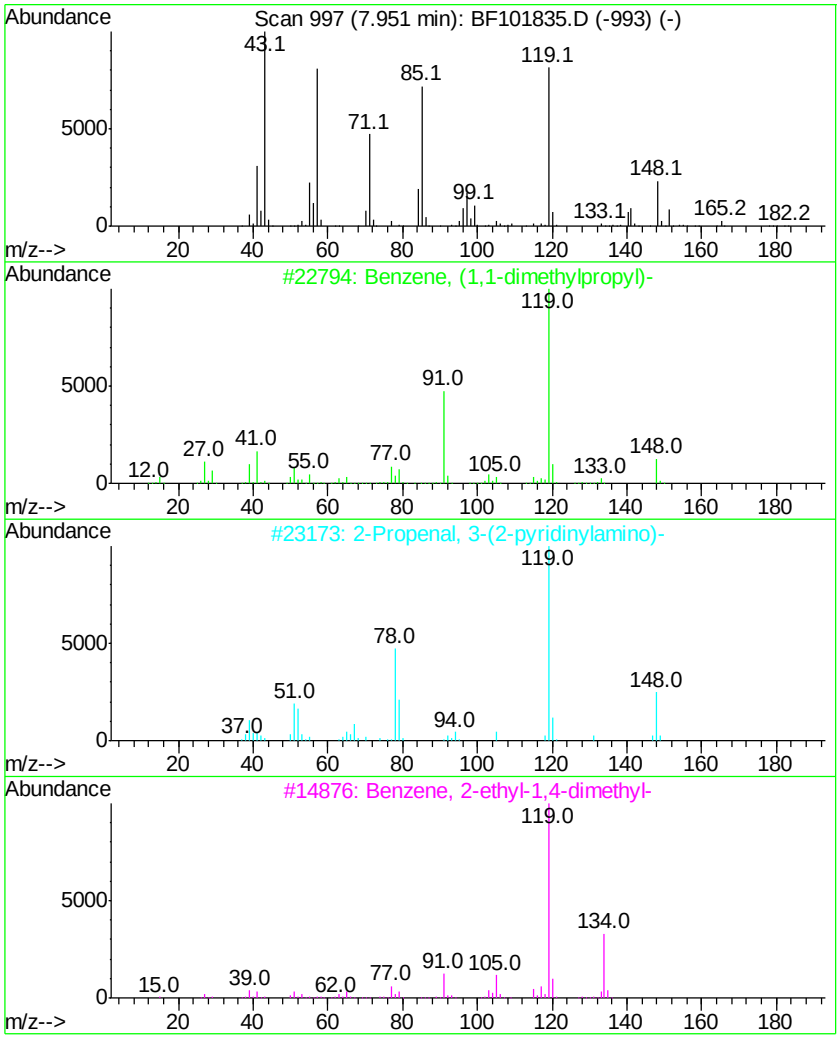
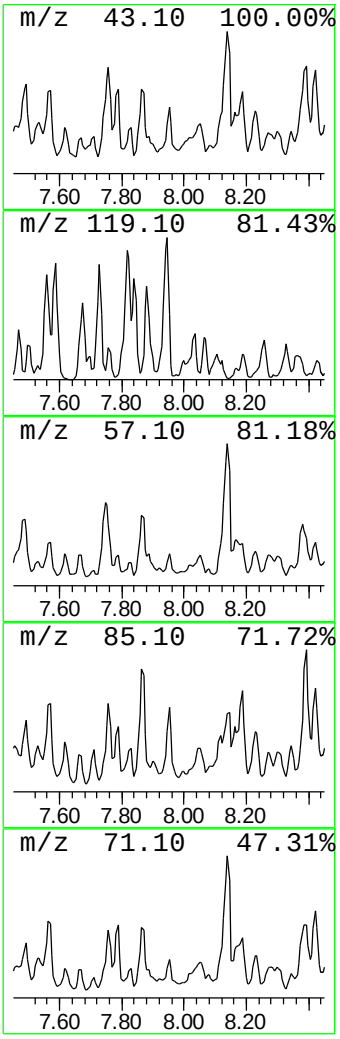
Peak Number 14 Benzene, (1,1-dimethylpropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	22.32 ng	1770880	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
2	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	50
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	47
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	47





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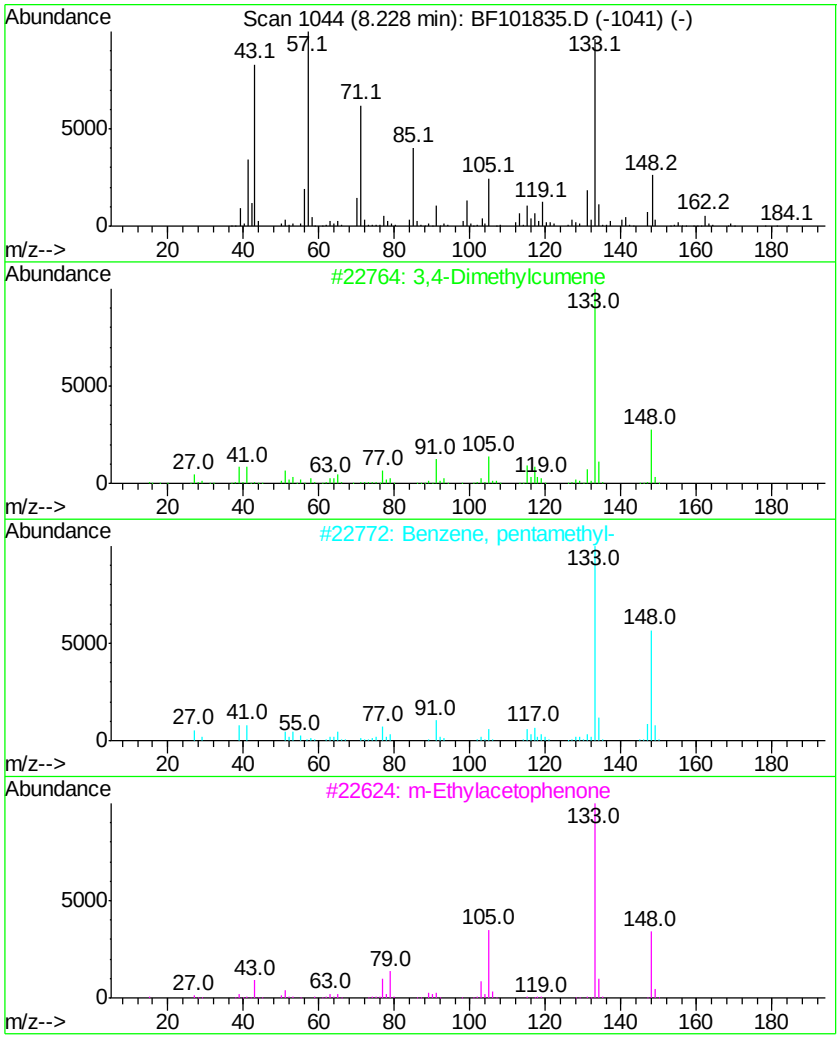
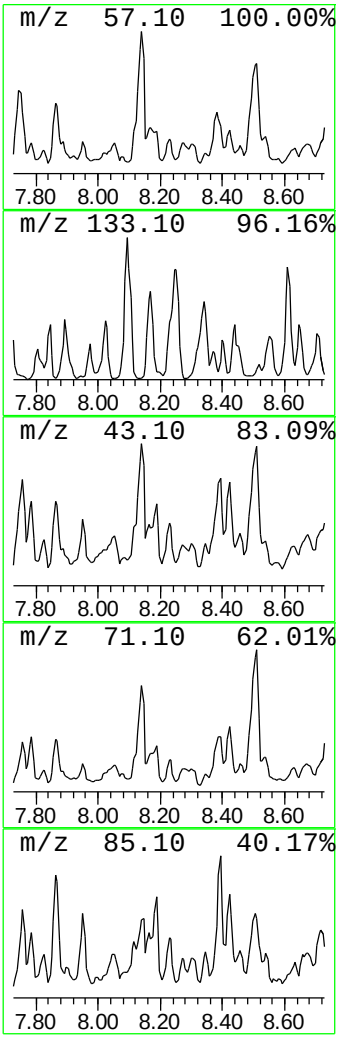
Peak Number 15 3,4-Dimethylcumene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	19.16 ng	1519950	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	50
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	46
3	m-Ethylacetophenone	148	C10H12O	022699-70-3	43
4	6-Methyl-4-indanol	148	C10H12O	020294-32-0	43
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	43





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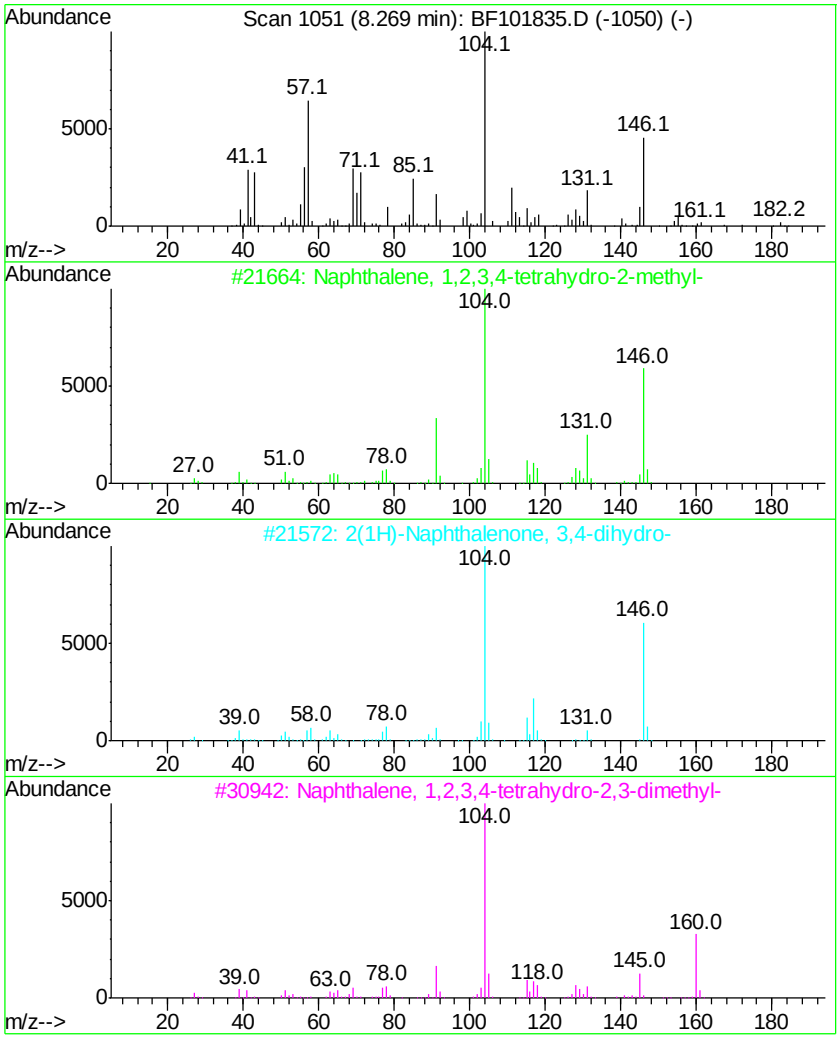
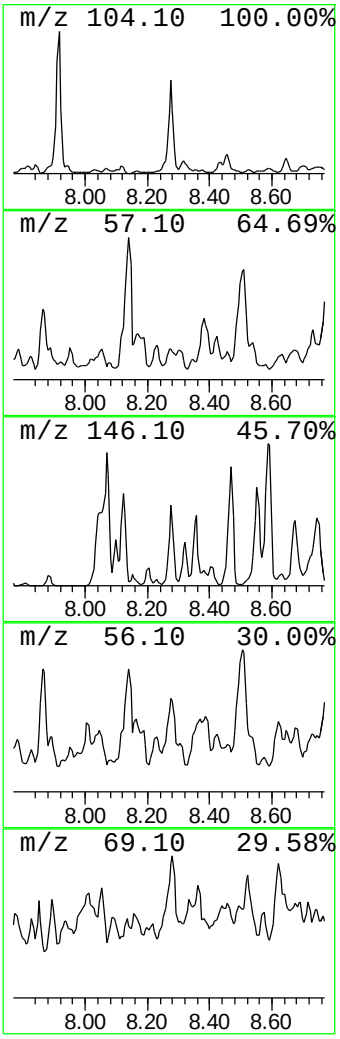
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	18.93 ng	1501890	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	64
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	38
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	32
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	32





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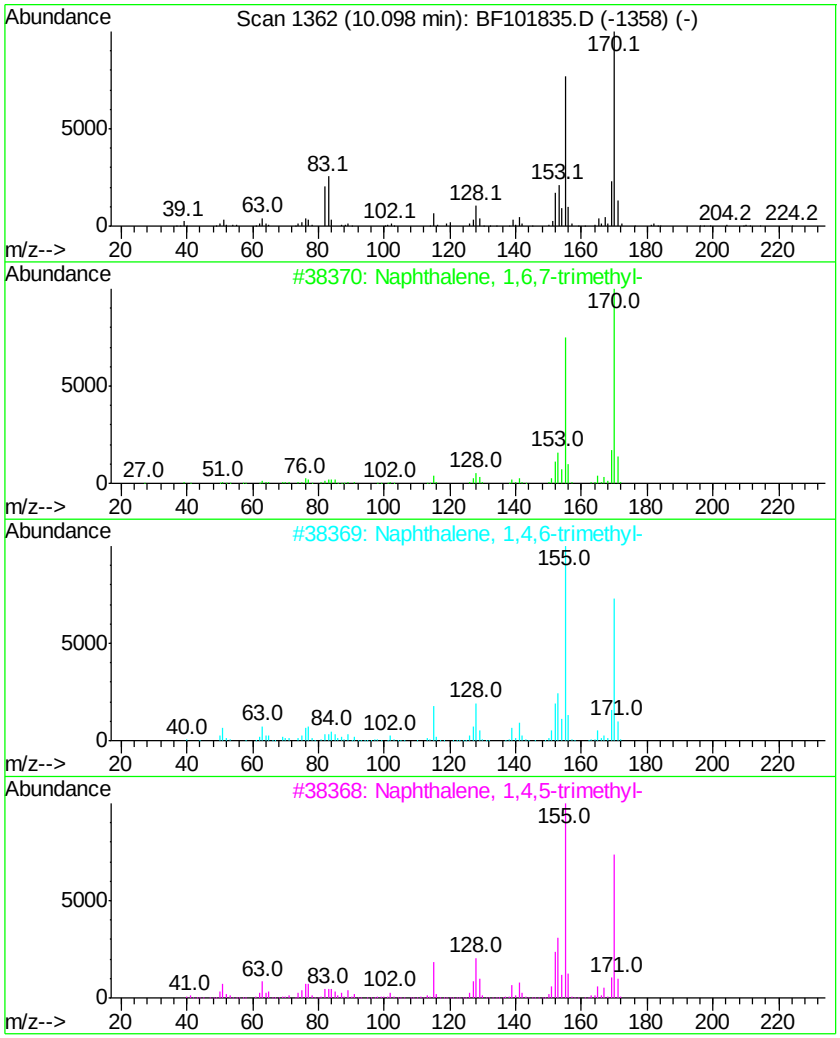
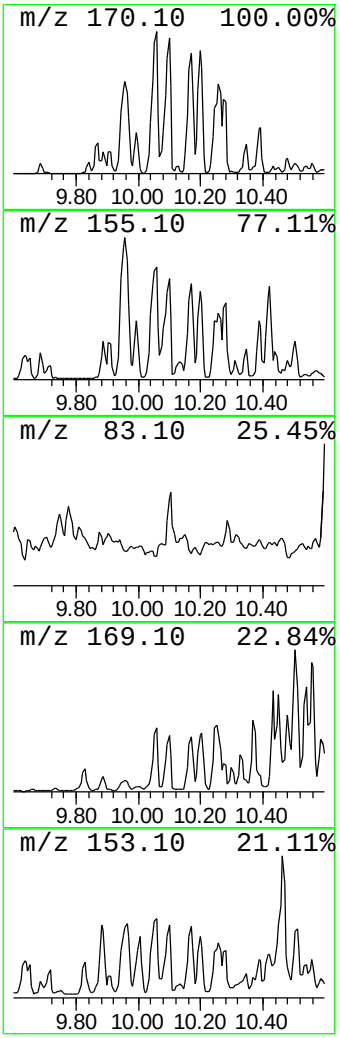
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	20.00 ng	3055840	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87





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Data File : BF101835.D
Acq On : 29 Dec 2017 18:00
Operator : SJ/JU
Sample : I7023-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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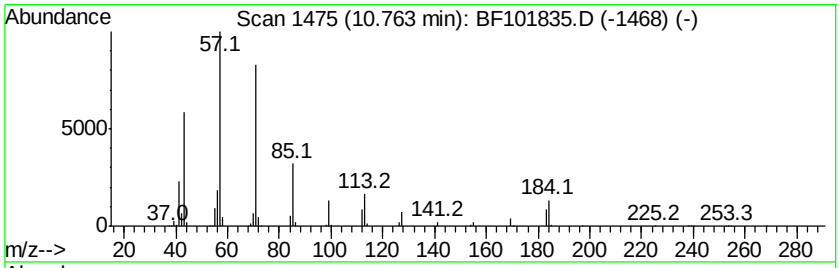
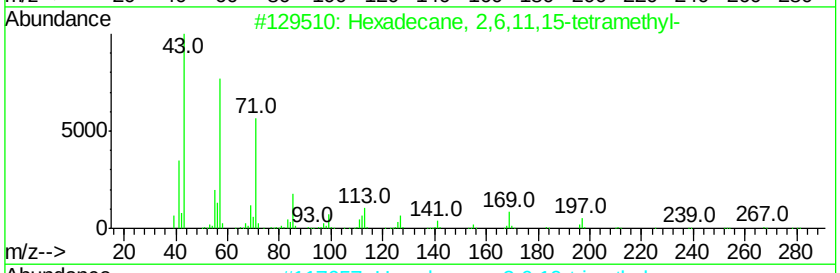
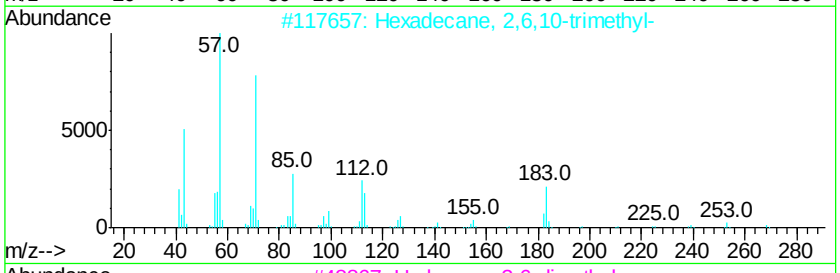
Peak Number 18 Hexadecane, 2,6,11,15-tetra... Concentration Rank 2

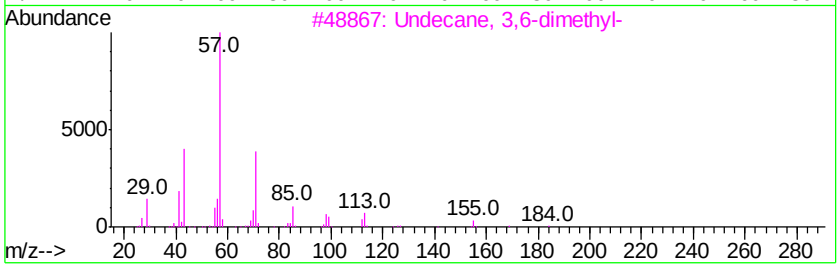
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	47.37 ng	4816610	Phenanthrene-d10	11.33

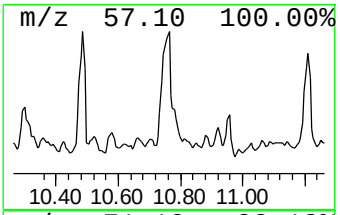
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	64
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	50

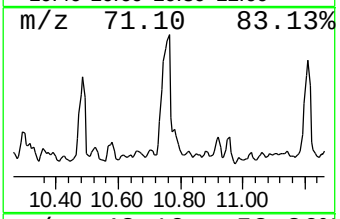


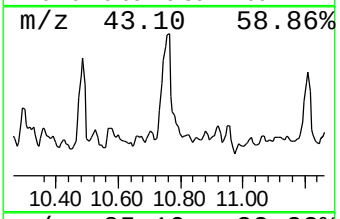


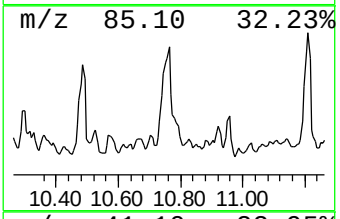


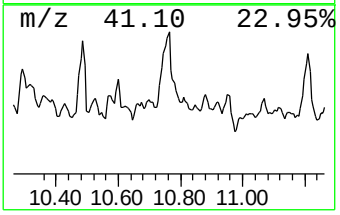












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Operator : SJ/JU
Sample : I7023-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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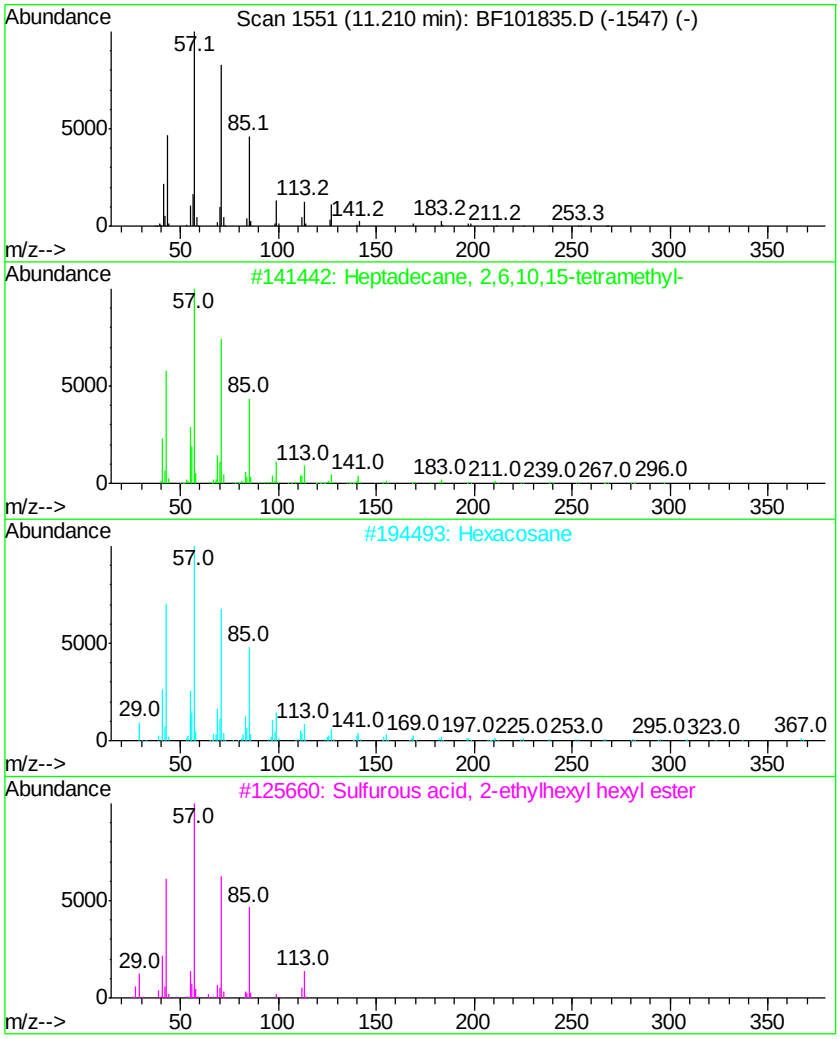
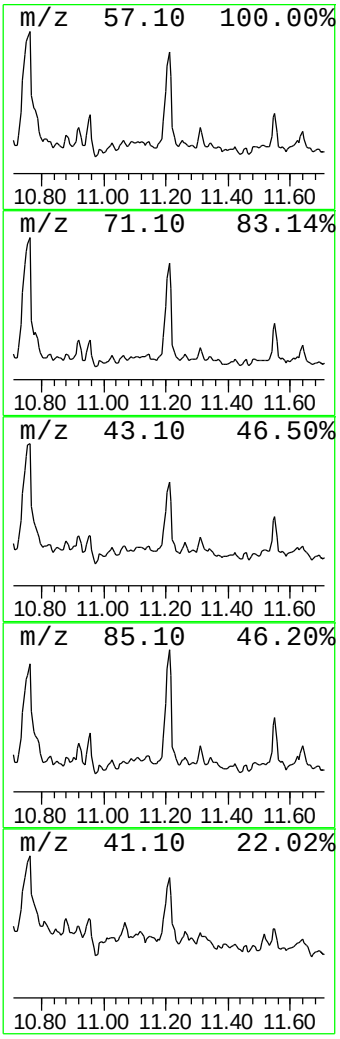
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	19.56 ng	1989130	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Hexacosane	366	C26H54	000630-01-3	83
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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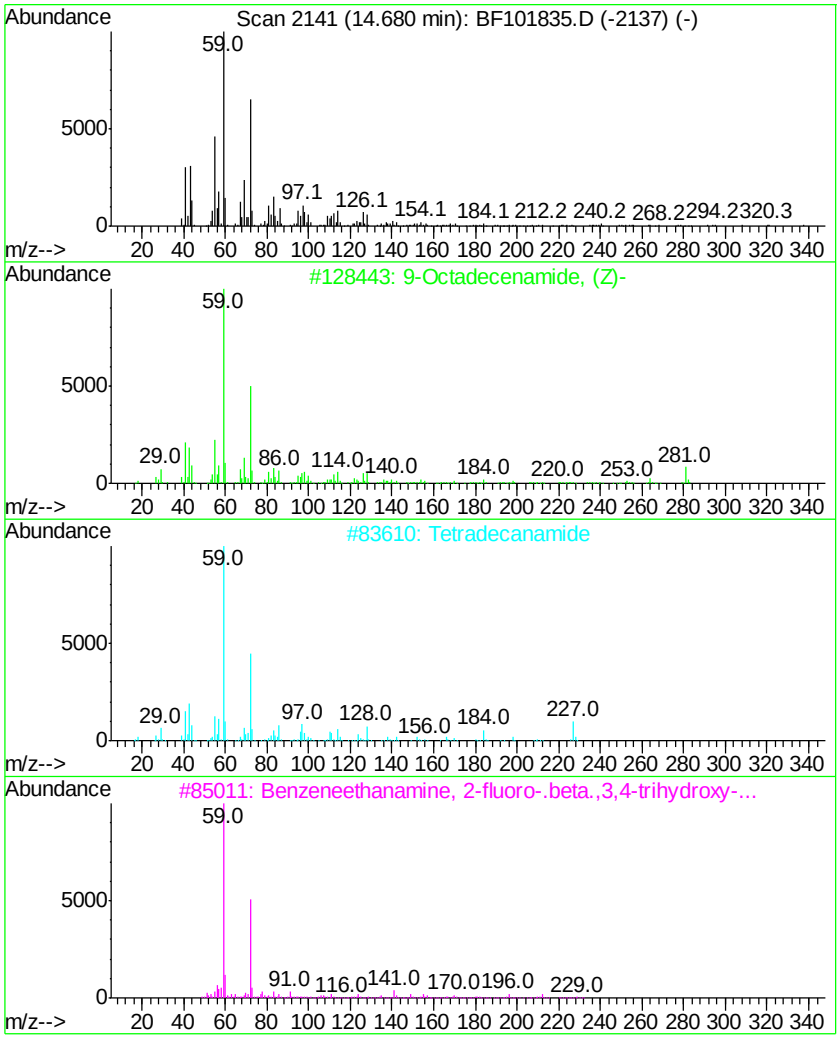
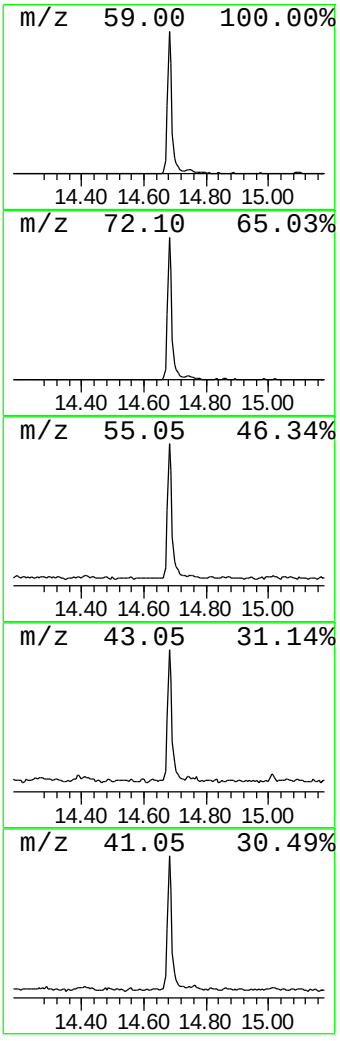
Peak Number 20 9-Octadecenamide, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	19.64 ng	783016	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Tetradecanamide	227	C14H29NO	000638-58-4	81
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
4	Dodecanamide	199	C12H25NO	001120-16-7	59
5	Octadecanamide	283	C18H37NO	000124-26-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
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Acq On : 29 Dec 2017 18:00
Operator : SJ/JU
Sample : I7023-09
Misc :
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Instrument : BNA_F
ClientSampleId : LB-6

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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
Nonane, 3-methyl-	6.02	24.9	ng	4357620	1	6.79	3497540	20.0
unknown6.56	6.56	25.1	ng	4392580	1	6.79	3497540	20.0
Benzene, 1-methyl...	7.06	25.1	ng	4394620	1	6.79	3497540	20.0
Benzene, 4-ethyl-...	7.10	22.8	ng	3981230	1	6.79	3497540	20.0
Naphthalene, deca...	7.17	21.9	ng	3835190	1	6.79	3497540	20.0
unknown7.43	7.43	24.2	ng	4232600	1	6.79	3497540	20.0
unknown7.47	7.47	29.1	ng	2310090	2	8.08	1586710	20.0
unknown7.56	7.56	34.9	ng	2768630	2	8.08	1586710	20.0
Benzene, 1,2,4,5-...	7.59	29.0	ng	2301460	2	8.08	1586710	20.0
Cyclohexane, octyl-	7.69	61.3	ng	4860000	2	8.08	1586710	20.0
Tridecane, 6-methyl-	7.75	33.0	ng	2620120	2	8.08	1586710	20.0
6,7-Dimethyl-3,5,...	7.82	29.6	ng	2345830	2	8.08	1586710	20.0
Benzene, (1,1-dim...	7.95	22.3	ng	1770880	2	8.08	1586710	20.0
3,4-Dimethylcumene	8.23	19.2	ng	1519950	2	8.08	1586710	20.0
Naphthalene, 1,2,...	8.27	18.9	ng	1501890	2	8.08	1586710	20.0
Naphthalene, 1,6,...	10.10	20.0	ng	3055840	3	9.85	3055840	20.0
Hexadecane, 2,6,1...	10.76	47.4	ng	4816610	4	11.33	2033730	20.0
Heptadecane, 2,6,...	11.21	19.6	ng	1989130	4	11.33	2033730	20.0
9-Octadecenamide,...	14.68	19.6	ng	783016	5	13.97	797266	20.0