LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112276.D
Acq On : 28 Jan 2019 15:58
Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	2.140	4	9	18	rVB	133496	178580	3.73%	0.181%
2	4.498	405	410	417	rVB3	111553	181716	3.79%	0.184%
3	5.063	502	506	511	rBV	279343	339137	7.08%	0.344%
4	5.439	564	570	573	rBV2	236254	414985	8.66%	0.421%
5	5.481	573	577	585	rVB	3648866	3693888	77.11%	3.748%
6	5.616	597	600	605	rBV2	130580	171404	3.58%	0.174%
7	5.698	611	614	621	rVV5	84679	169315	3.53%	0.172%
8	5.869	638	643	647	rVB3	193080	302527	6.32%	0.307%
9	5.916	647	651	654	rBV2	124048	191349	3.99%	0.194%
10	6.004	660	666	670	rVB4	276585	404298	8.44%	0.410%
11	6.045	670	673	676	rBV3	145673	169847	3.55%	0.172%
12	6.092	676	681	684	rBV2	581215	649773	13.56%	0.659%
13	6.151	688	691	694	rBV	372210	319778	6.68%	0.324%
14	6.281	708	713	716	rBV2	402227	538027	11.23%	0.546%
15	6.345	722	724	726	rVB	324216	226095	4.72%	0.229%
16	6.375	726	729	731	rBV2	757655	795726	16.61%	0.807%
17	6.398	731	733	736	rVB	287822	242463	5.06%	0.246%
18	6.433	736	739	742	rBV2	247338	223623	4.67%	0.227%
19	6.486	742	748	752	rBV	3670427	4378750	91.41%	4.443%
20	6.586	760	765	766	rBV2	307448	433225	9.04%	0.440%
21	6.616	766	770	774	rVB	4332128	4181740	87.30%	4.243%
22	6.669	777	779	783	rBV2	451841	538372	11.24%	0.546%
23	6.698	783	784	787	rVB	197851	157529	3.29%	0.160%
24	6.751	791	793	795	rVB	378144	249055	5.20%	0.253%
25	6.810	799	803	805	rBV3	273409	309240	6.46%	0.314%
26	6.839	805	808	815	rVB2	1558478	2417790	50.47%	2.453%
27	6.904	815	819	821	rVB3	440328	439755	9.18%	0.446%
28	6.939	821	825	826	rBV2	302276	350021	7.31%	0.355%
29	6.957	826	828	831	rVB2	323317	269368	5.62%	0.273%
30	6.998	831	835	838	rBV	3833202	3913262	81.69%	3.971%
31	7.022	838	839	842	rVB	619037	412838	8.62%	0.419%
32	7.075	845	848	849	rBV2	340568	321145	6.70%	0.326%
33	7.092	849	851	853	rVB	318817	192557	4.02%	0.195%
34	7.116	853	855	858	rVB2	868448	845362	17.65%	0.858%

LSC Area Percent Report

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Acq On : 28 Jan 2019 15:58
Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.151	858	861	864	rBV3	622824	871997	18.20%	0.885%
36	7.180	864	866	870	rVB3	755218	689658	14.40%	0.700%
37	7.233	871	875	878	rBV3	1067933	1328860	27.74%	1.348%
38	7.269	878	881	886	rVB4	330475	470950	9.83%	0.478%
39	7.380	895	900	902	rBV	2625692	3090142	64.51%	3.135%
40	7.404	902	904	914	rVB3	2925938	3561520	74.35%	3.614%
41	7.486	914	918	921	rBV4	1044126	1381059	28.83%	1.401%
42	7.533	921	926	927	rBV5	612034	862880	18.01%	0.876%
43	7.616	937	940	943	rVB2	1299924	1252671	26.15%	1.271%
44	7.651	943	946	949	rVB3	829633	783445	16.36%	0.795%
45	7.728	954	959	961	rBV2	1004130	1166255	24.35%	1.183%
46	7.745	961	962	964	rVV2	463169	428258	8.94%	0.435%
47	7.769	964	966	970	rVV3	1311207	1700965	35.51%	1.726%
48	7.810	970	973	975	rVB3	809563	863170	18.02%	0.876%
49	7.839	975	978	980	rBV3	436723	439104	9.17%	0.446%
50	7.863	980	982	986	rVV3	1979998	2290109	47.81%	2.324%
51	7.892	986	987	990	rVV	738204	530482	11.07%	0.538%
52	7.922	990	992	993	rVV	360162	270060	5.64%	0.274%
53	7.945	993	996	1001	rVB4	1186095	1322607	27.61%	1.342%
54	7.992	1001	1004	1008	rBV	1400137	1329566	27.76%	1.349%
55	8.027	1008	1010	1012	rBV	245695	224093	4.68%	0.227%
56	8.069	1014	1017	1021	rVV5	600992	1240075	25.89%	1.258%
57	8.116	1021	1025	1028	rVV2	3065708	4790206	100.00%	4.860%
58	8.139	1028	1029	1032	rVV	2157375	2072544	43.27%	2.103%
59	8.175	1032	1035	1039	rVV2	1866360	2638710	55.09%	2.677%
60	8.216	1039	1042	1044	rVV	1191785	1120700	23.40%	1.137%
61	8.239	1044	1046	1050	rVB3	352302	423090	8.83%	0.429%
62	8.280	1050	1053	1054	rBV2	622471	621446	12.97%	0.631%
63	8.292	1054	1055	1058	rVV2	665492	616802	12.88%	0.626%
64	8.327	1058	1061	1064	rVB2	564343	591496	12.35%	0.600%
65	8.416	1071	1076	1079	rVB4	833787	1267928	26.47%	1.287%
66	8.445	1079	1081	1083	rVB	315077	244225	5.10%	0.248%
67	8.469	1083	1085	1088	rVB3	254439	232590	4.86%	0.236%
68	8.510	1088	1092	1095	rVB2	1257276	1310326	27.35%	1.330%
69	8.545	1095	1098	1100	rBV	797296	749189	15.64%	0.760%
70	8.592	1103	1106	1108	rVB	878014	757039	15.80%	0.768%
71	8.627	1110	1112	1117	rBV3	512762	643695	13.44%	0.653%

LSC Area Percent Report

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Acq On : 28 Jan 2019 15:58
Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.669	1117	1119	1121	rVB	264261	153202	3.20%	0.155%
73	8.716	1124	1127	1130	rBV2	547433	723064	15.09%	0.734%
74	8.757	1131	1134	1136	rVB	214387	172168	3.59%	0.175%
75	8.816	1141	1144	1146	rVB3	219462	182575	3.81%	0.185%
76	8.833	1146	1147	1150	rVB	346433	274289	5.73%	0.278%
77	8.874	1151	1154	1156	rBV3	197602	177810	3.71%	0.180%
78	8.904	1156	1159	1160	rBV	160061	161600	3.37%	0.164%
79	8.922	1160	1162	1168	rVB5	222804	325981	6.81%	0.331%
80	9.069	1184	1187	1191	rVB2	166268	172909	3.61%	0.175%
81	9.145	1197	1200	1204	rBV3	284865	314267	6.56%	0.319%
82	9.198	1204	1209	1212	rVV	5142944	4417339	92.22%	4.482%
83	9.280	1220	1223	1227	rVB4	175069	199634	4.17%	0.203%
84	9.586	1272	1275	1279	rVB2	425955	453045	9.46%	0.460%
85	9.874	1320	1324	1328	rBV	1975775	1896618	39.59%	1.924%
86	10.074	1354	1358	1363	rVB5	81876	154302	3.22%	0.157%
87	10.121	1363	1366	1371	rBV3	123368	155993	3.26%	0.158%
88	10.521	1430	1434	1440	rVB2	194852	293603	6.13%	0.298%
89	10.669	1455	1459	1466	rBV	3542470	3149873	65.76%	3.196%
90	10.792	1475	1480	1483	rBV	379109	414036	8.64%	0.420%
91	11.257	1555	1559	1564	rVB	265991	310638	6.48%	0.315%
92	11.363	1573	1577	1580	rBV	2343988	2002072	41.80%	2.031%
93	11.886	1663	1666	1673	rBV2	460618	515516	10.76%	0.523%
94	12.574	1781	1783	1787	rVB	230650	212859	4.44%	0.216%
95	12.804	1820	1822	1828	rVB	195051	209731	4.38%	0.213%
96	12.945	1842	1846	1849	rBV	4908274	4377473	91.38%	4.442%
97	13.833	1995	1997	2004	rVB	479311	634336	13.24%	0.644%
98	14.004	2023	2026	2032	rVB	1798983	1605944	33.53%	1.629%
99	15.098	2209	2212	2216	rVB	332773	351741	7.34%	0.357%
100	15.474	2271	2276	2283	rVB	1284559	1742940	36.39%	1.768%

Sum of corrected areas: 98556010

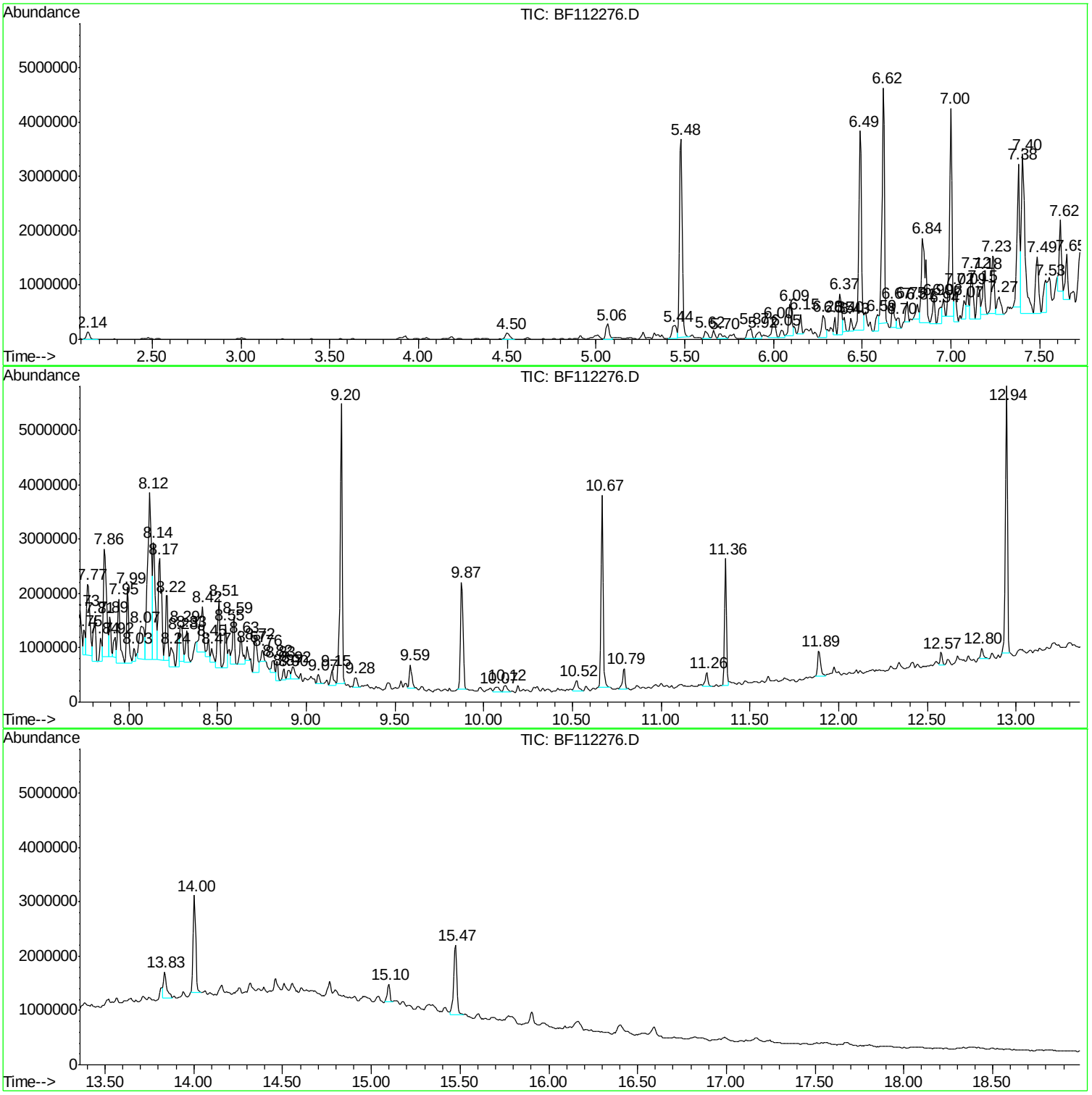
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112276.D
Acq On : 28 Jan 2019 15:58
Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF012819\
Data File : BF112276.D
Acq On : 28 Jan 2019 15:58
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Misc :
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Instrument : BNA_F
ClientSampleId : DRUM-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

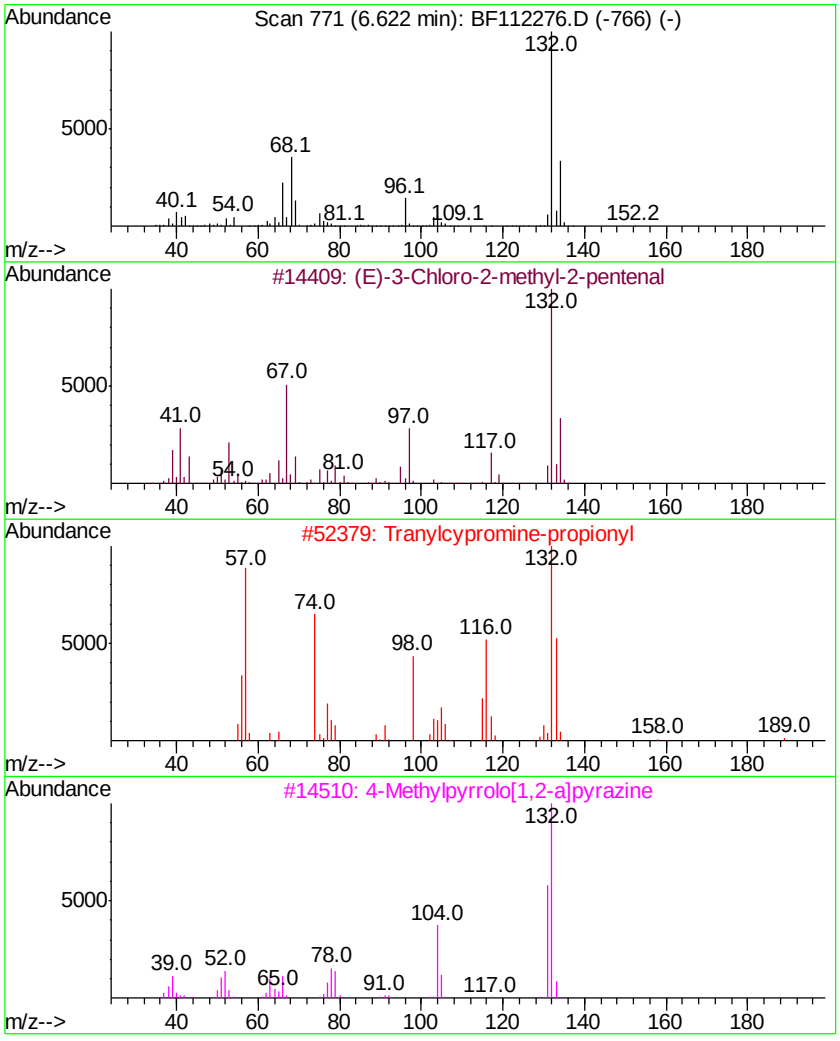
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

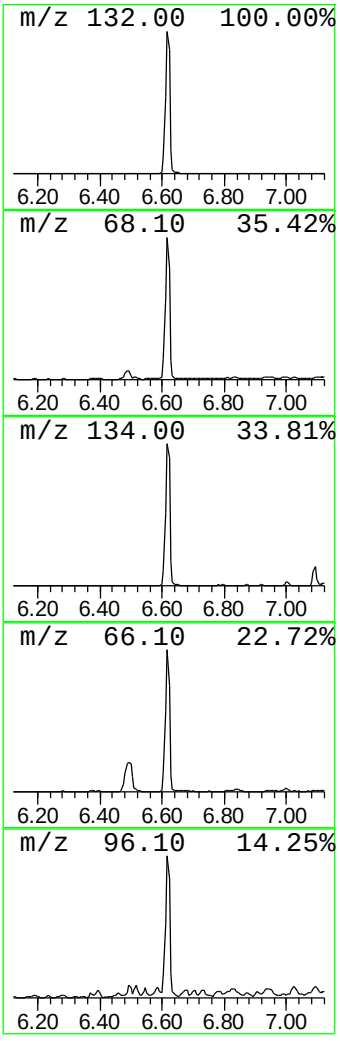
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	34.59 ng	4181740	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Data File : BF112276.D
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Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

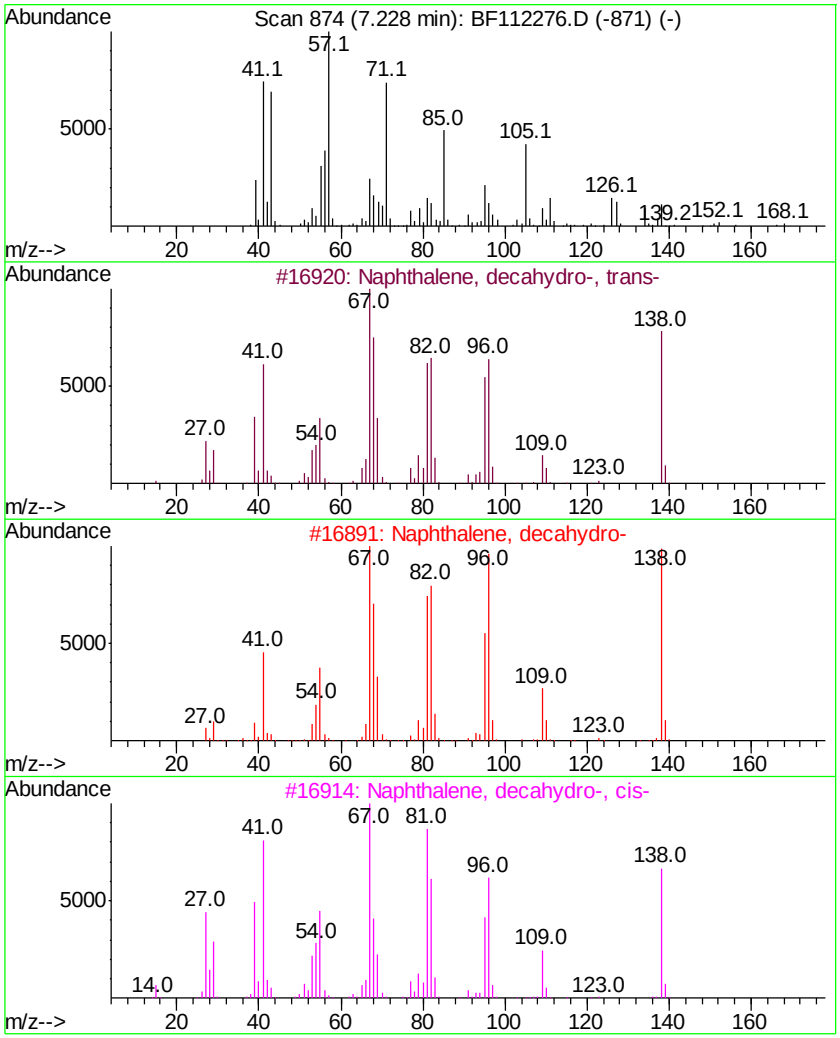
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

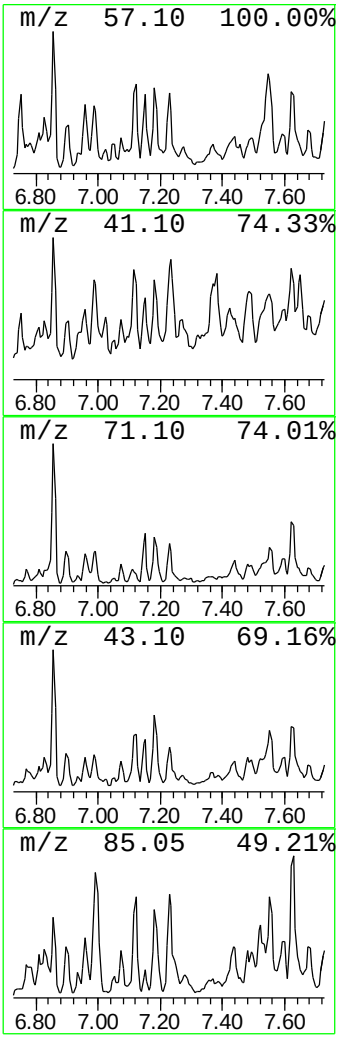
****

Peak Number 3 Naphthalene, decahydro-, tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	10.99 ng	1328860	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	83
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	60
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	55
4	Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	46
5	Cyclohexanone, 2-(1-methylethyli...	138	C9H14O	013747-73-4	30





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : DRUM-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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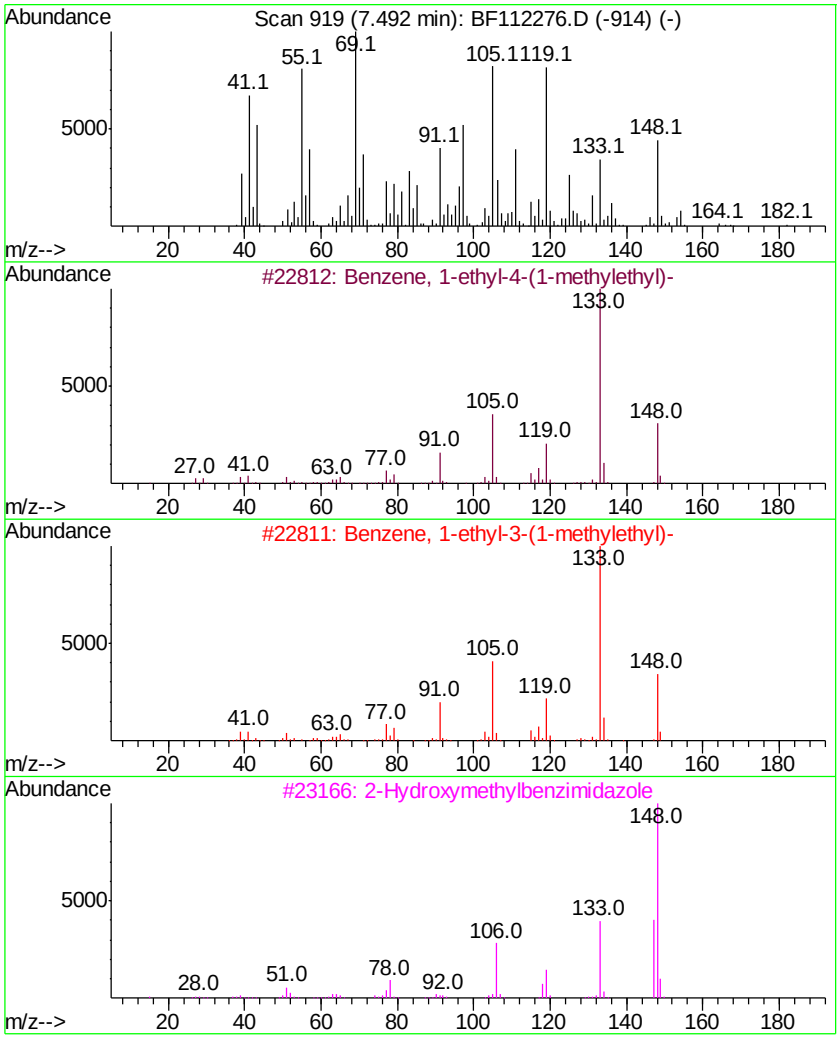
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

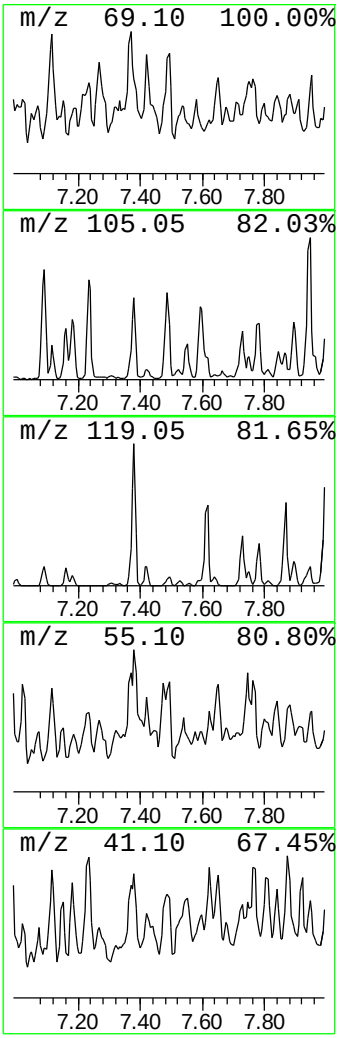
****

Peak Number 4 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	13.33 ng	1381060	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	60
3	2-Hydroxymethylbenzimidazole	148	C8H8N2O	022128-99-0	58
4	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	53
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	50





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Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

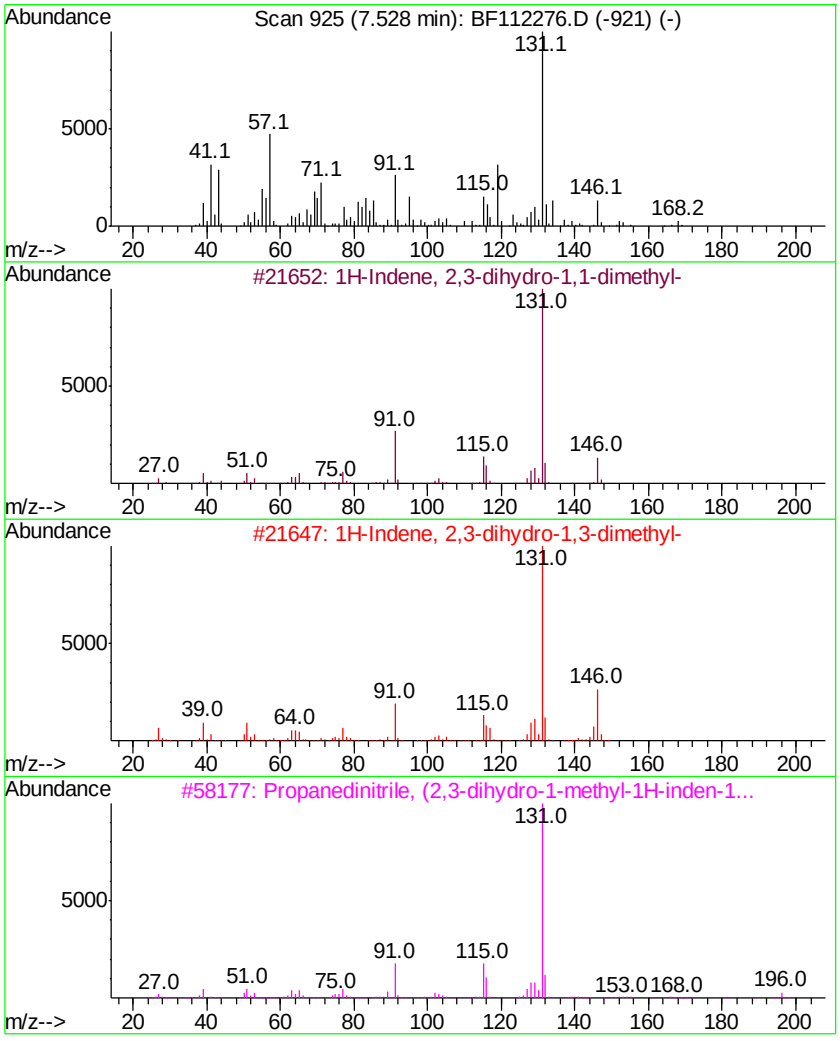
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

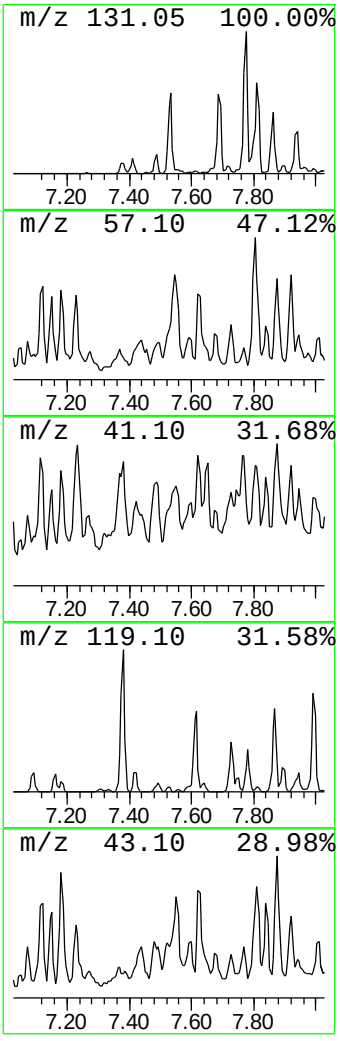
****

Peak Number 5 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	8.33 ng	862880	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
3	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	46
4	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	46
5	Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112276.D
Acq On : 28 Jan 2019 15:58
Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

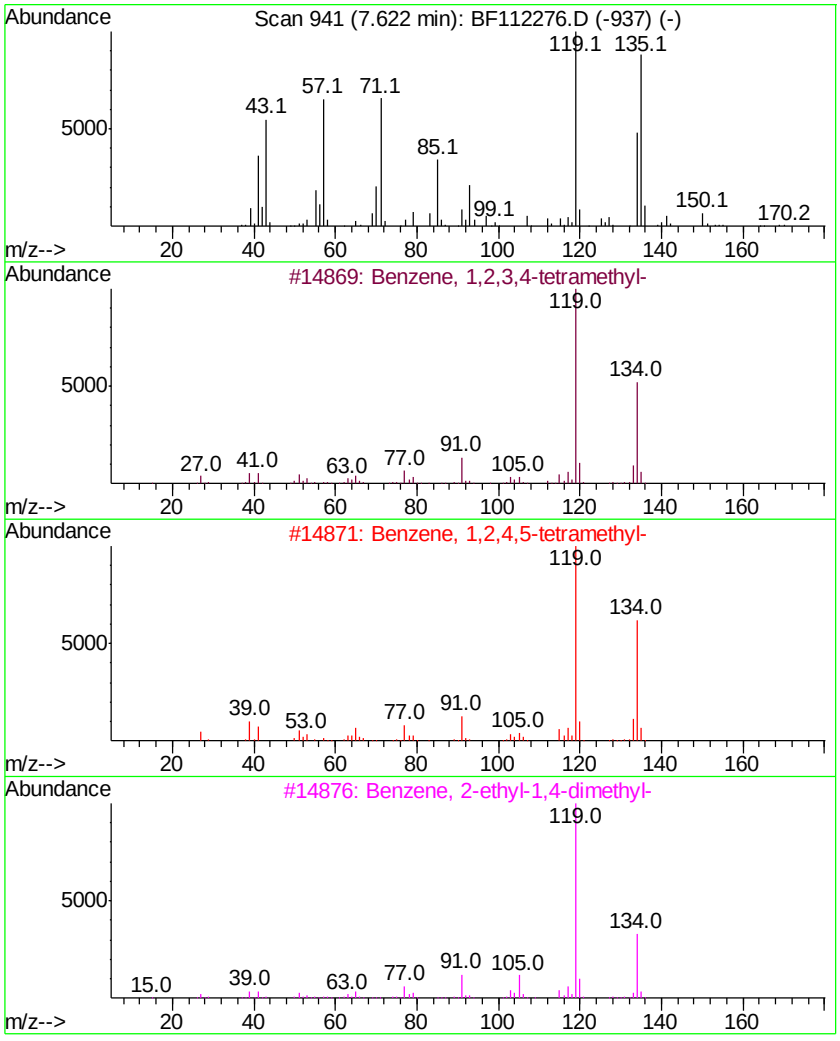
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

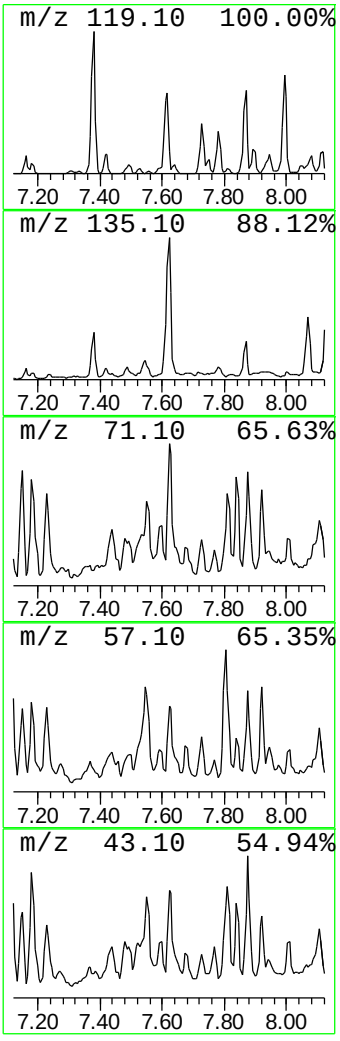
****

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	12.09 ng	1252670	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Acq On : 28 Jan 2019 15:58
Operator : JU/SJ
Sample : K1250-02
Misc :
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Instrument : BNA_F
ClientSampleId : DRUM-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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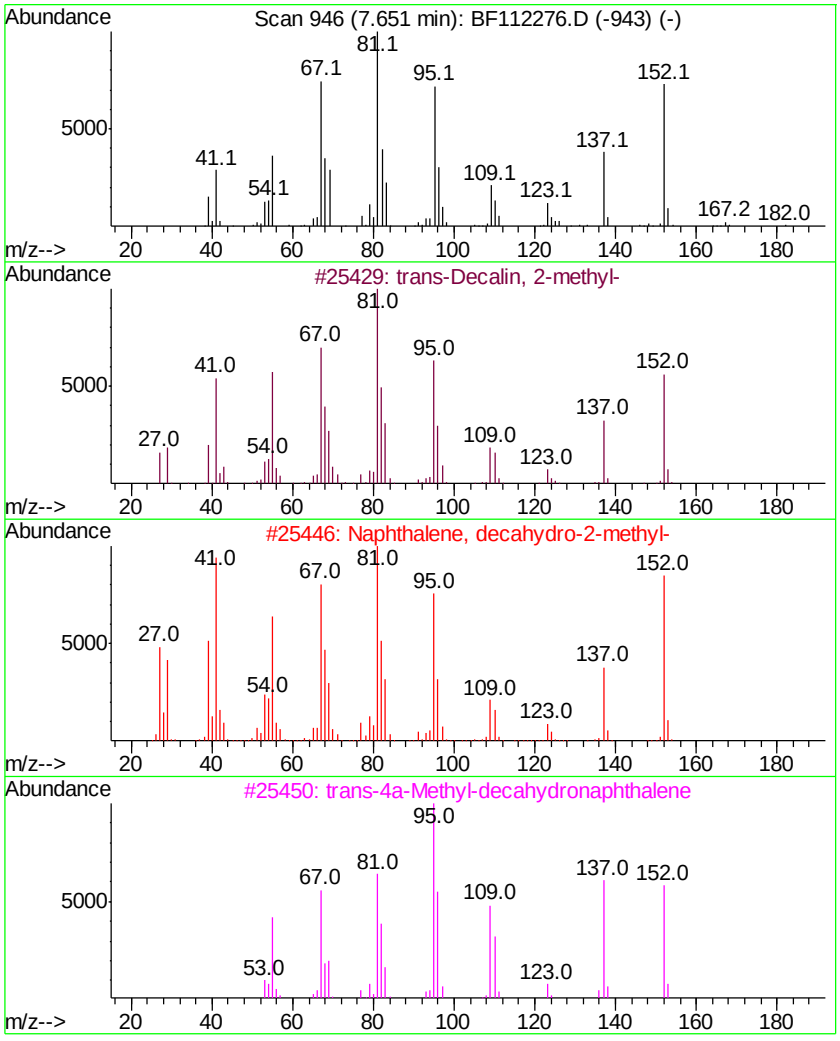
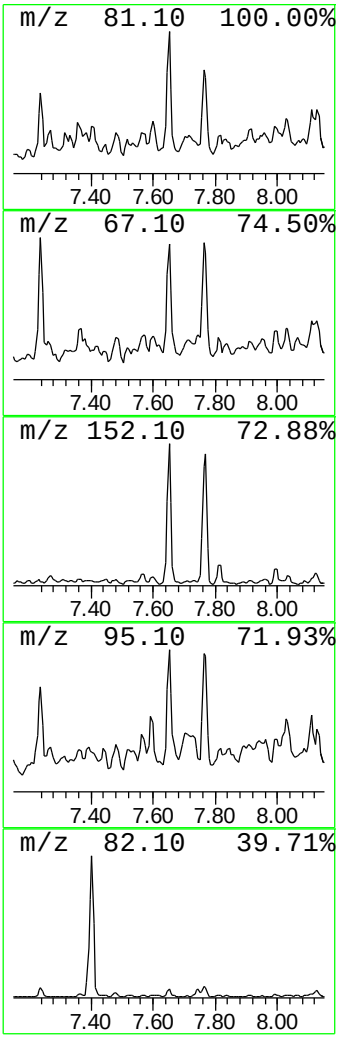
Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	7.56 ng	783445	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	96
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
4	Pulegone	152	C10H16O	000089-82-7	81
5	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	58





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Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-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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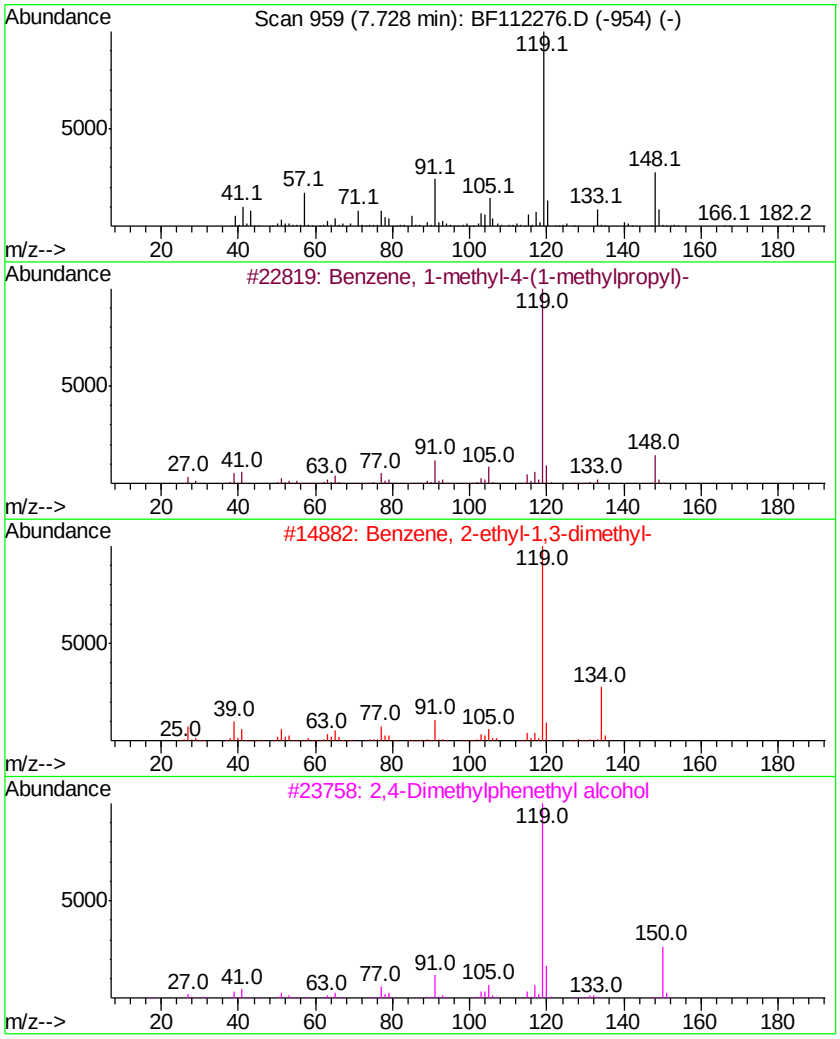
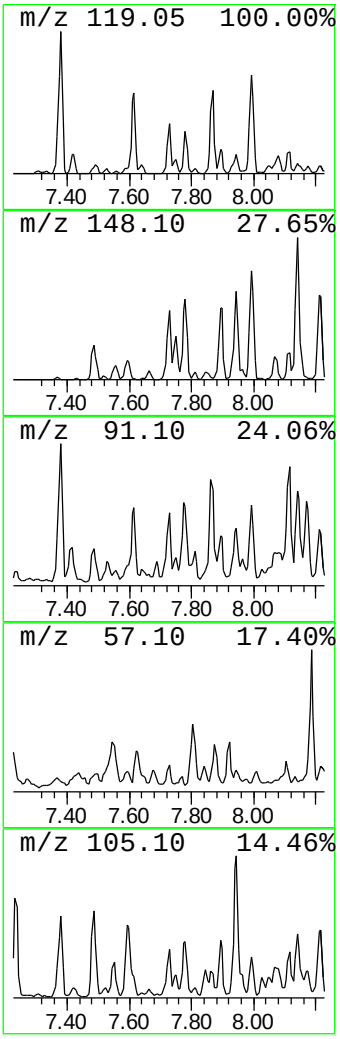
Peak Number 8 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	11.25 ng	1166260	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
3	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	72
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72





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Misc :
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Instrument : BNA_F
ClientSampleId : DRUM-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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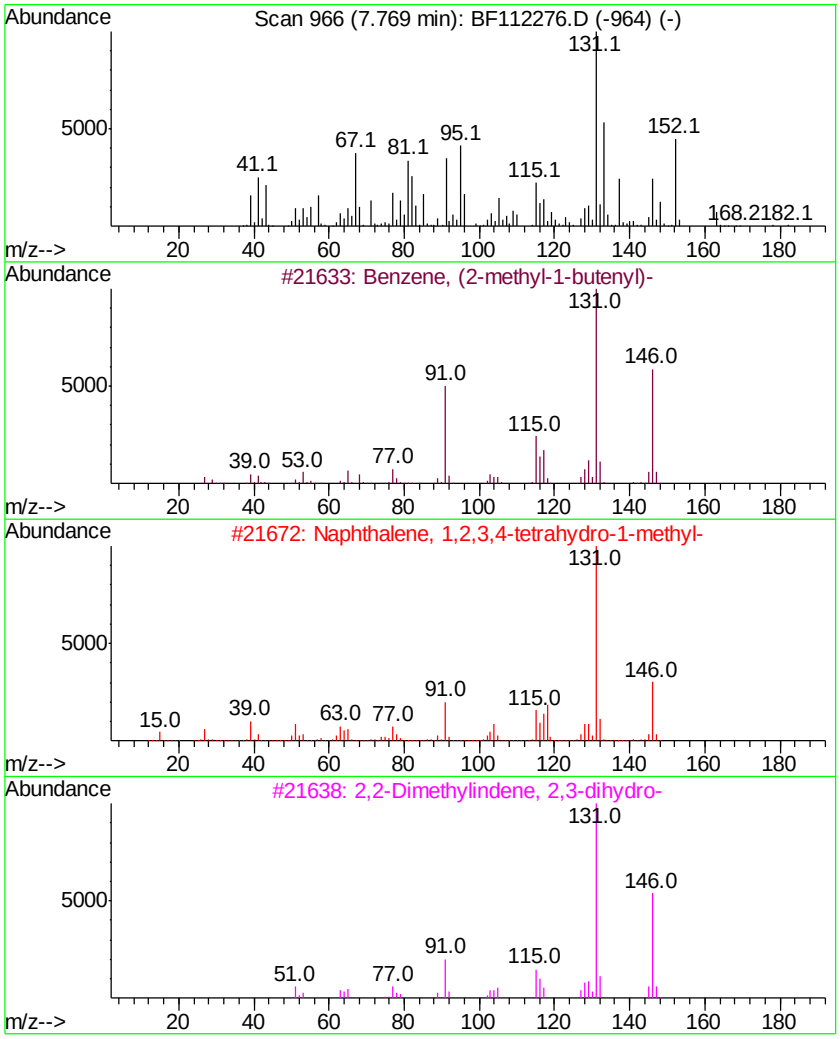
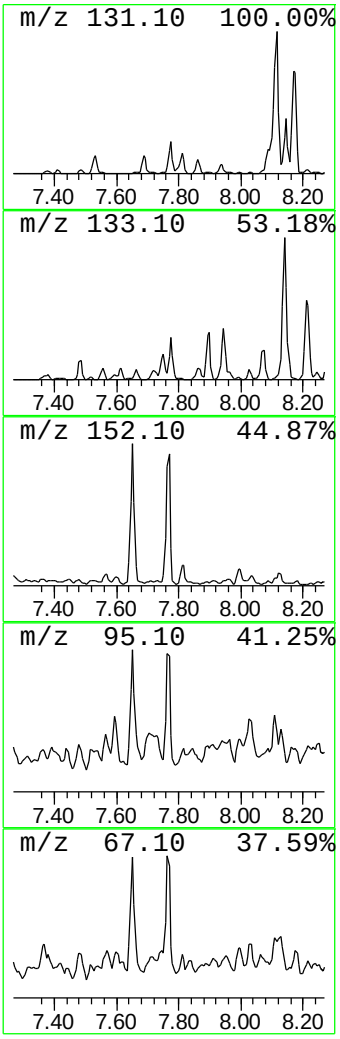
Peak Number 9 Benzene, (2-methyl-1-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	16.41 ng	1700970	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	52
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	46
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	46





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Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-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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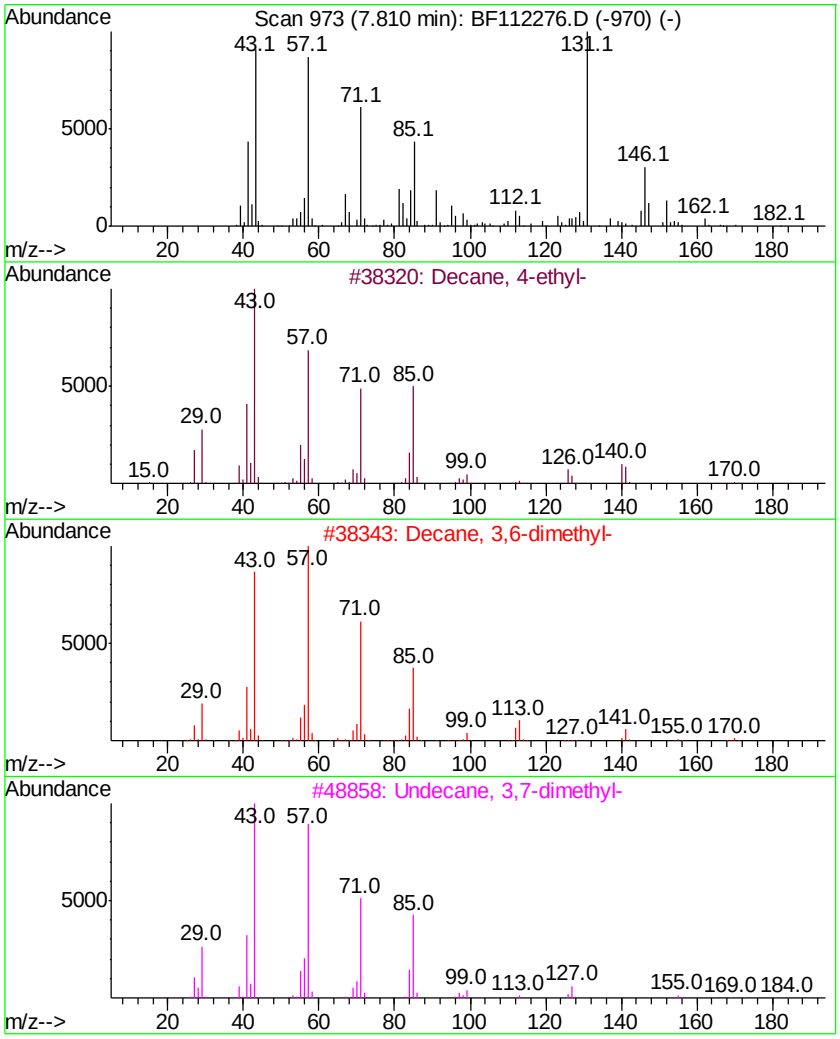
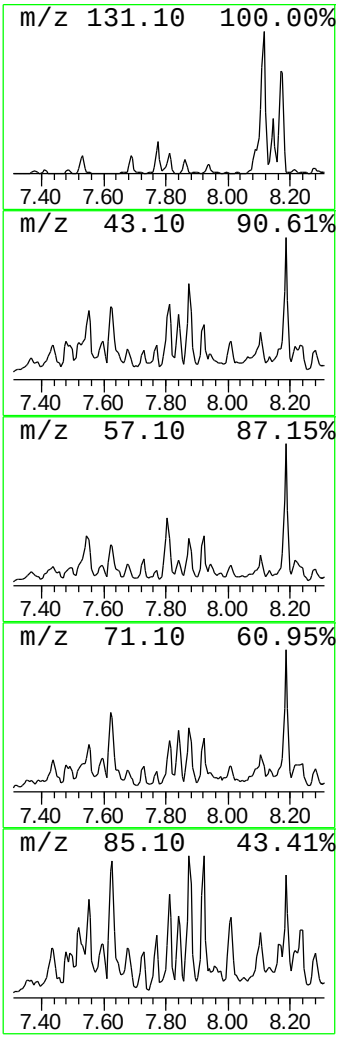
Peak Number 10 unknown7.81 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	8.33 ng	863170	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-	170	C12H26	001636-44-8	41
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
3	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	35
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	30
5	Tetradecane	198	C14H30	000629-59-4	27





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Instrument : BNA_F
ClientSampleId : DRUM-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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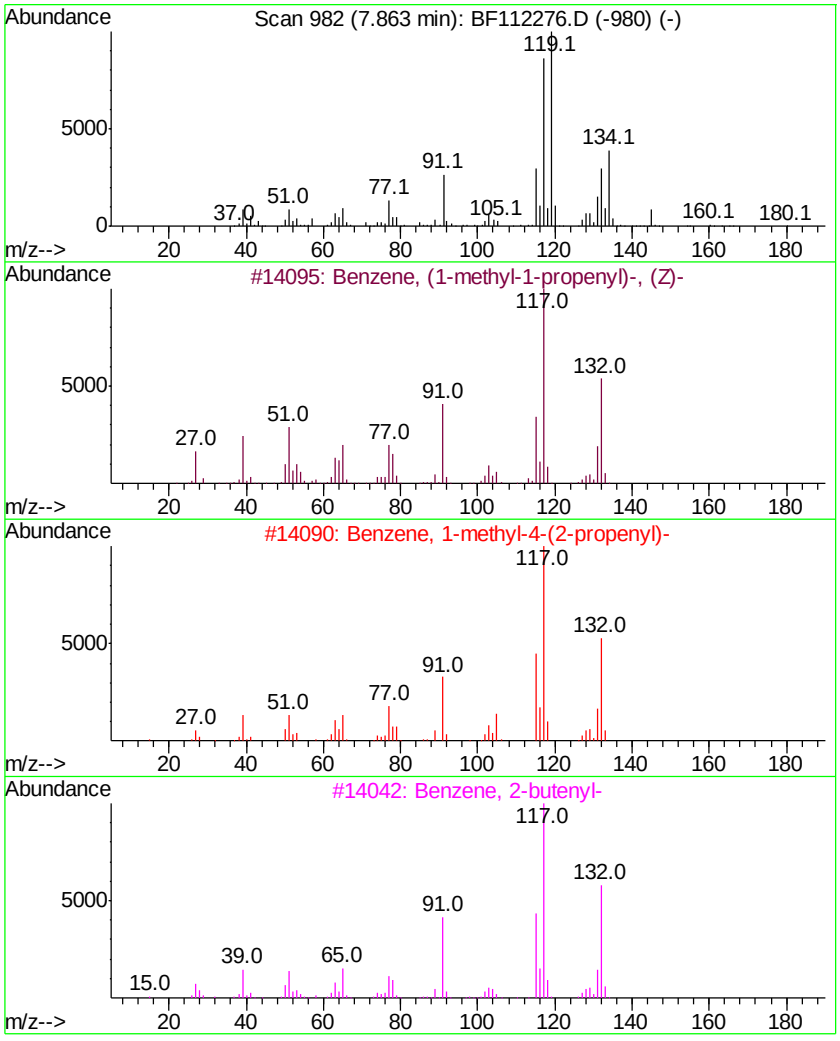
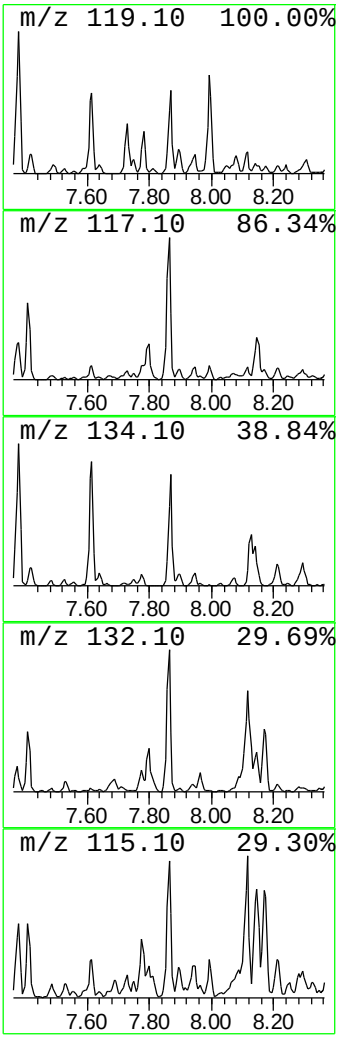
Peak Number 11 Benzene, (1-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	22.10 ng	2290110	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	51
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	50
5	p-Cymene	134	C10H14	000099-87-6	50





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Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-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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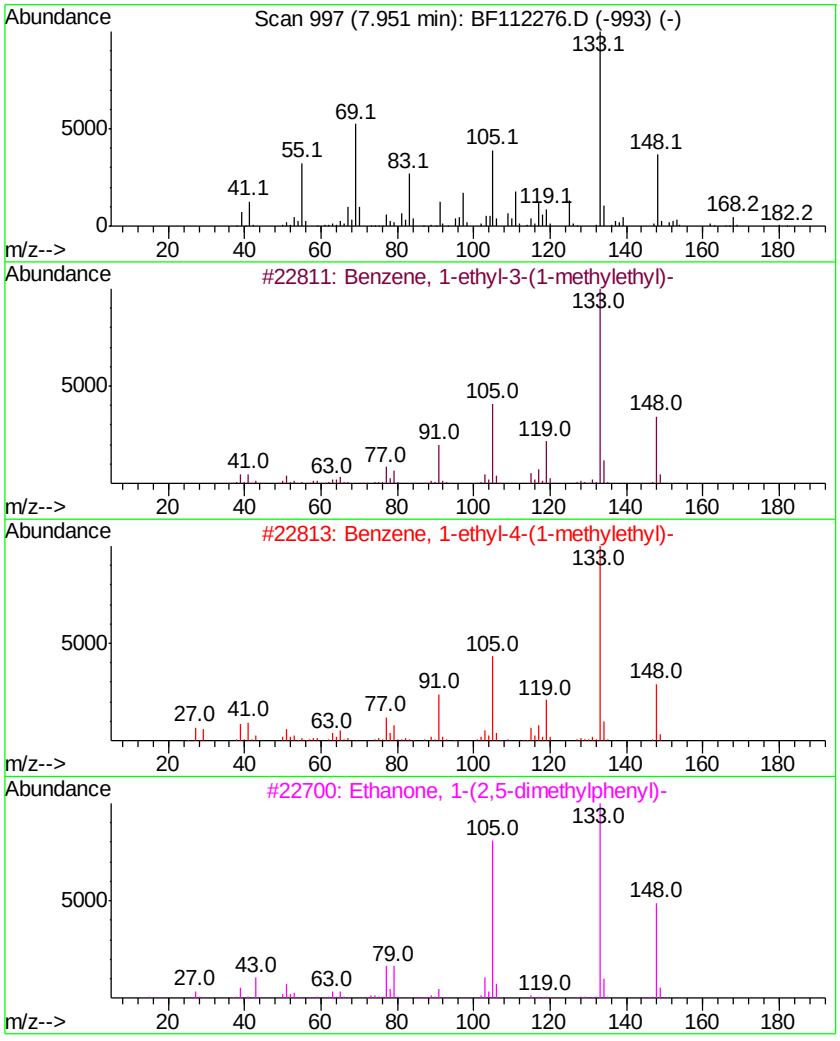
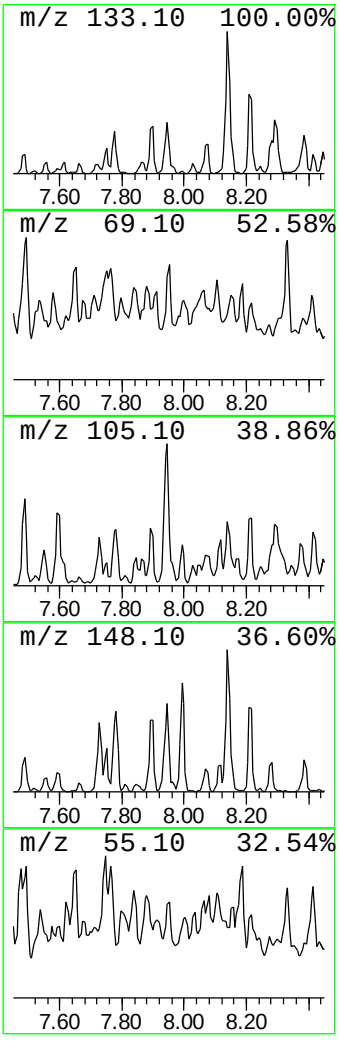
Peak Number 12 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	12.76 ng	1322610	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	91
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
3	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	89
4	2-tert-Butyltoluene	148	C11H16	001074-92-6	81
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	76





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Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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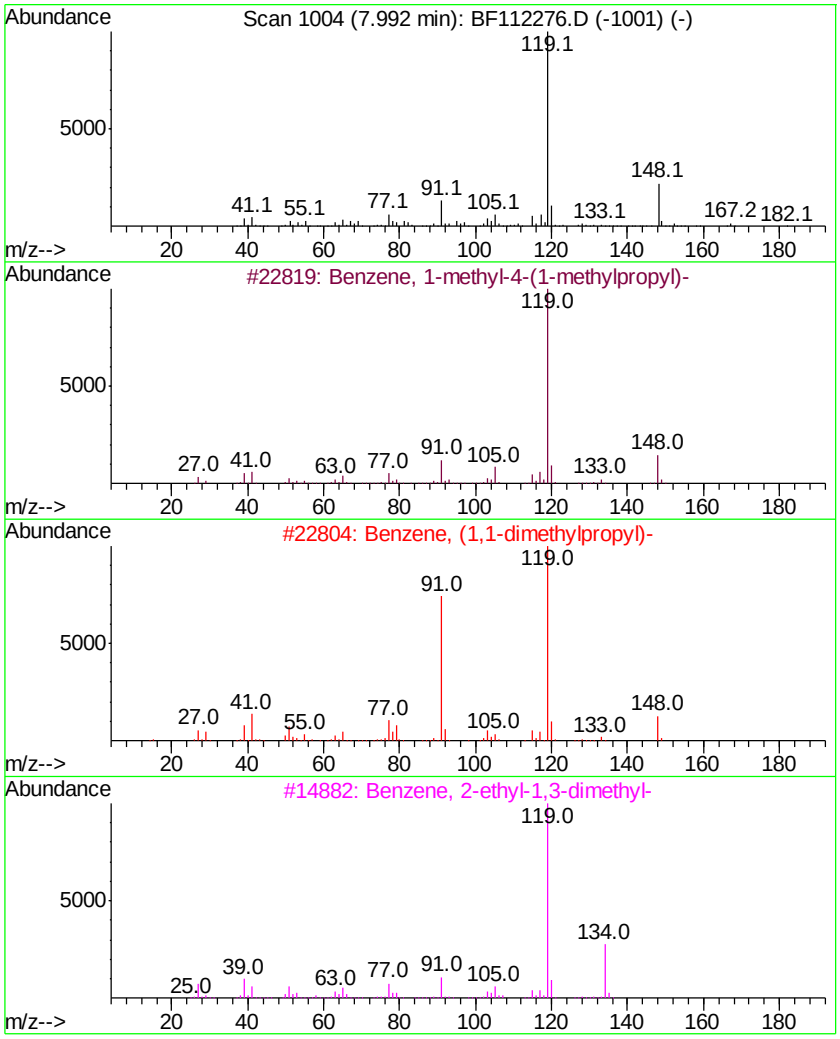
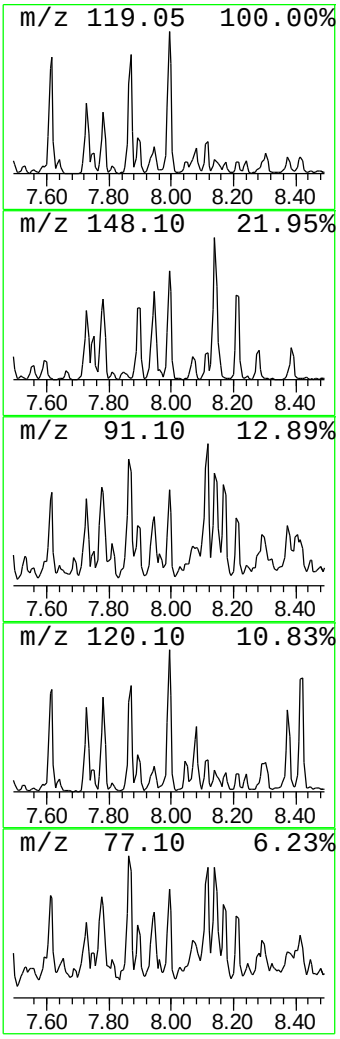
Peak Number 13 Benzene, 1-methyl-4-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	12.83 ng	1329570	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	59





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Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-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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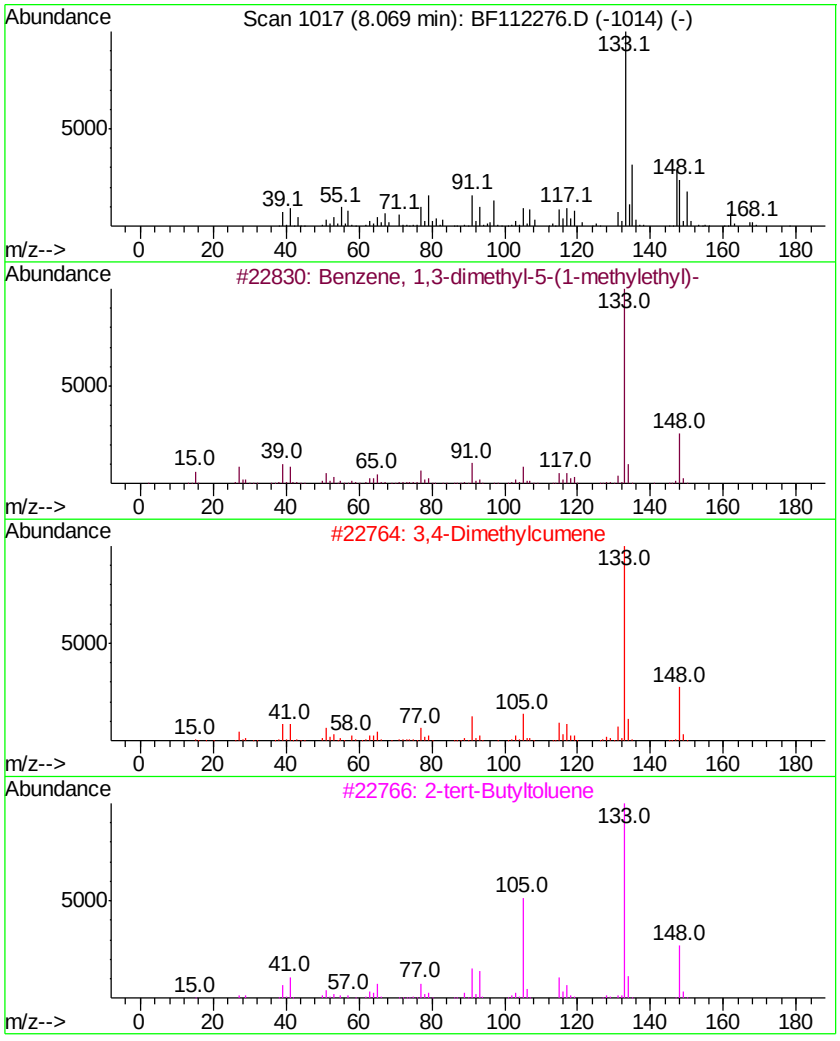
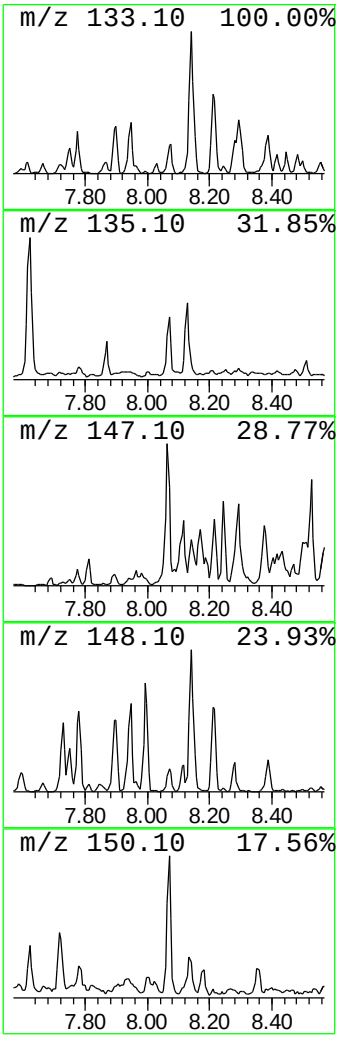
Peak Number 14 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	11.97 ng	1240080	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	60
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	60
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	60
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	60





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Instrument : BNA_F
ClientSampleId : DRUM-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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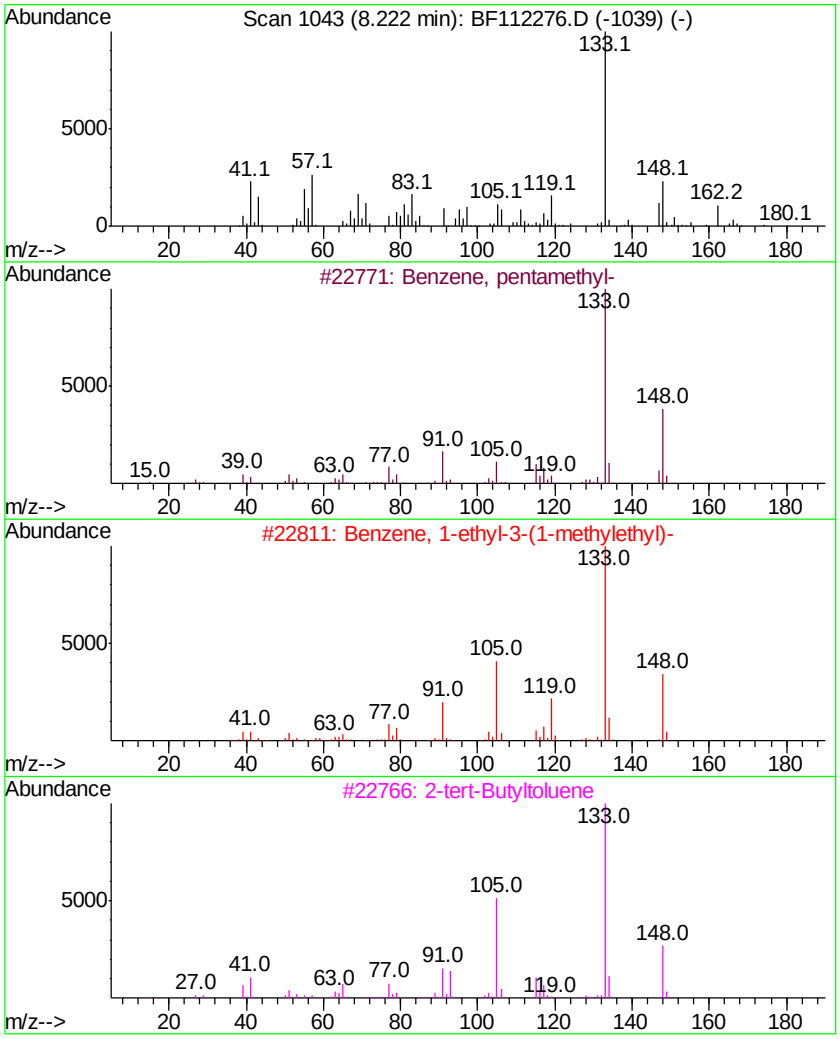
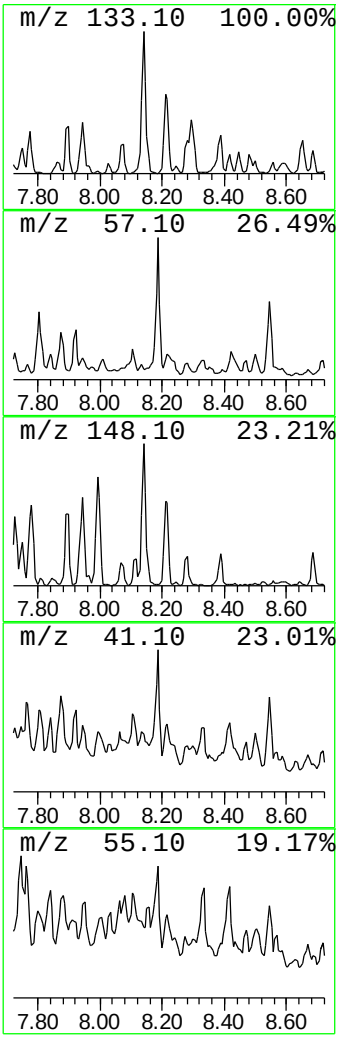
Peak Number 15 Benzene, pentamethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	10.81 ng	1120700	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	81
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	81
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	81





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ClientSampleId : DRUM-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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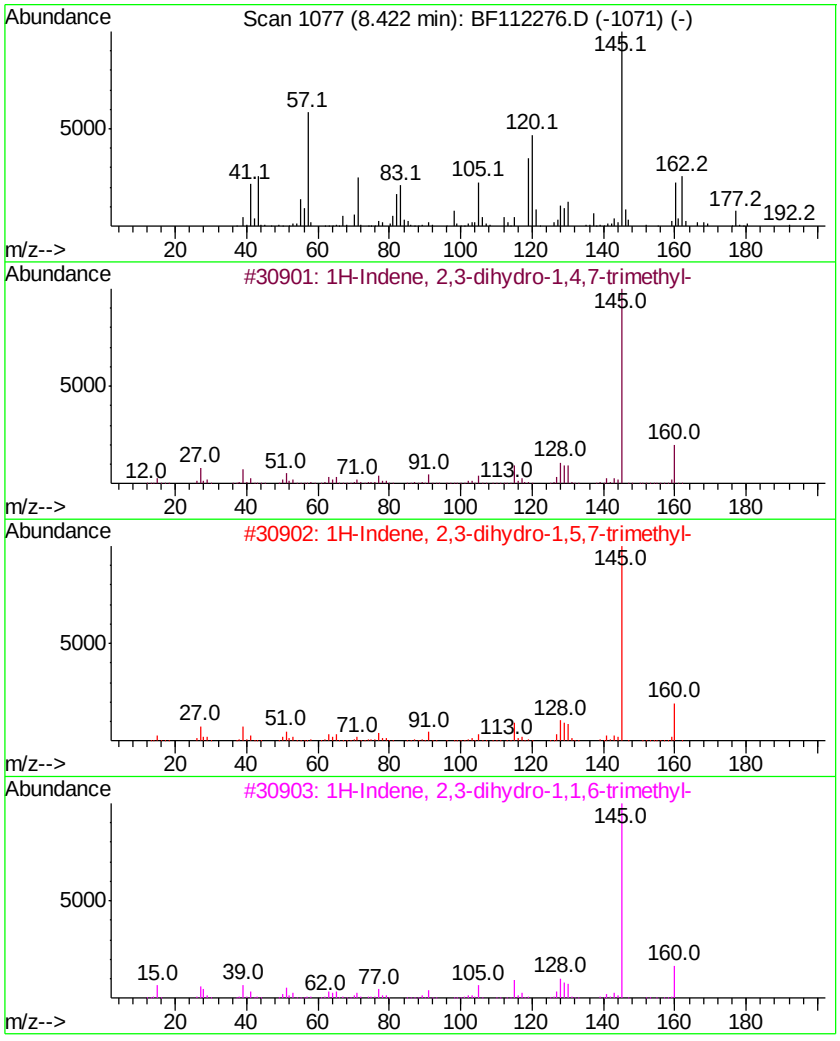
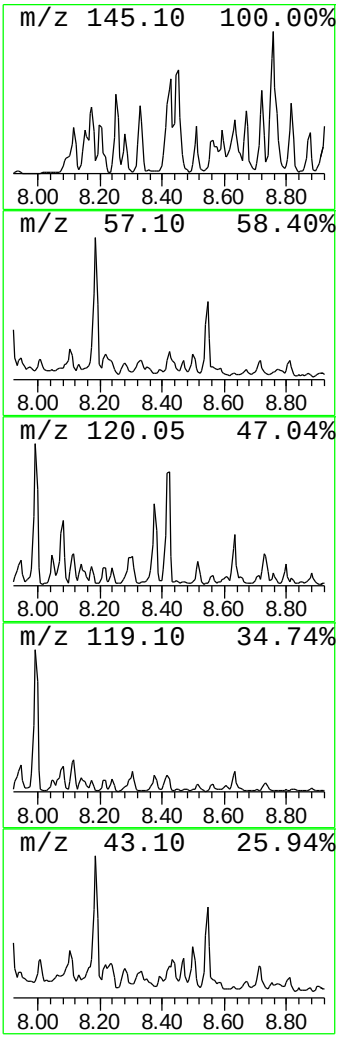
Peak Number 16 unknown8.42 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	12.24 ng	1267930	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	38
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	38
3	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	30
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	30
5	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	30





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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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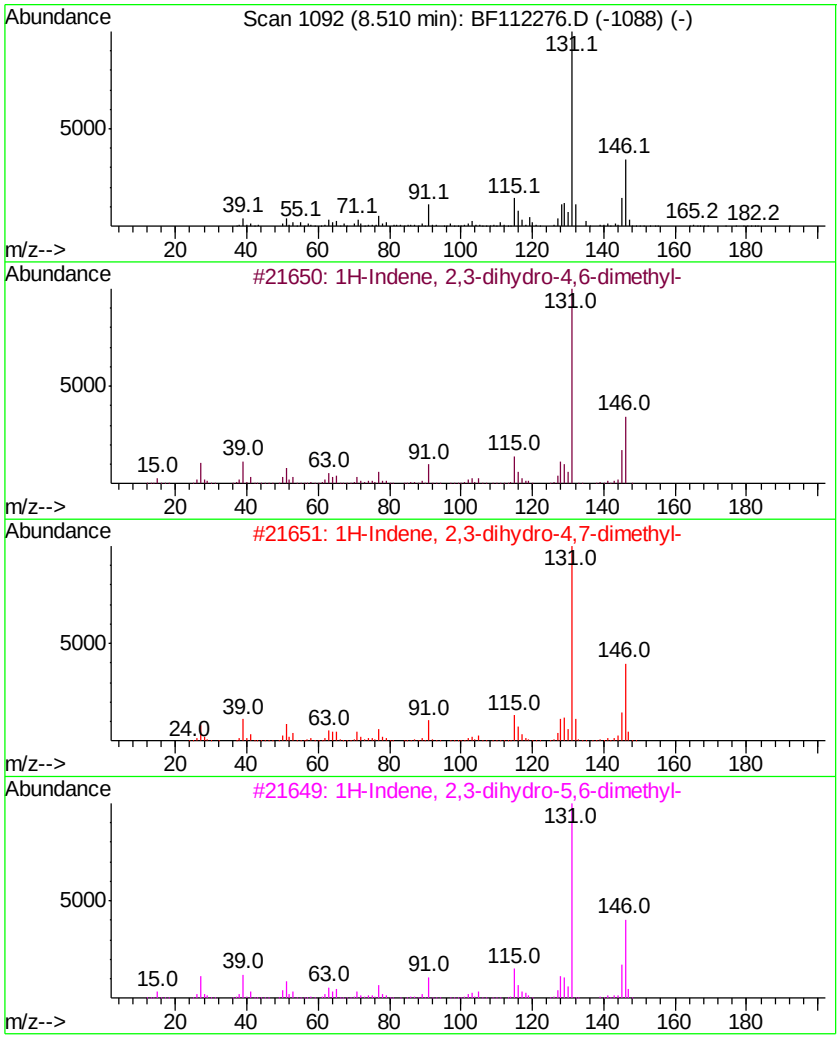
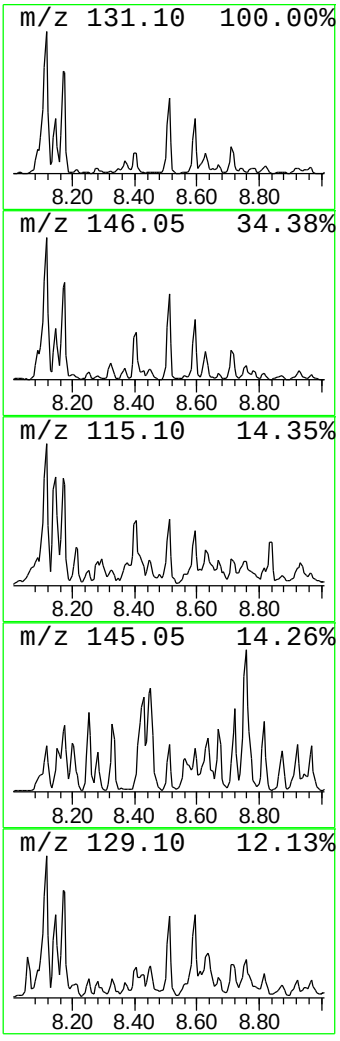
Peak Number 17 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	12.64 ng	1310330	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





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Data File : BF112276.D
Acq On : 28 Jan 2019 15:58
Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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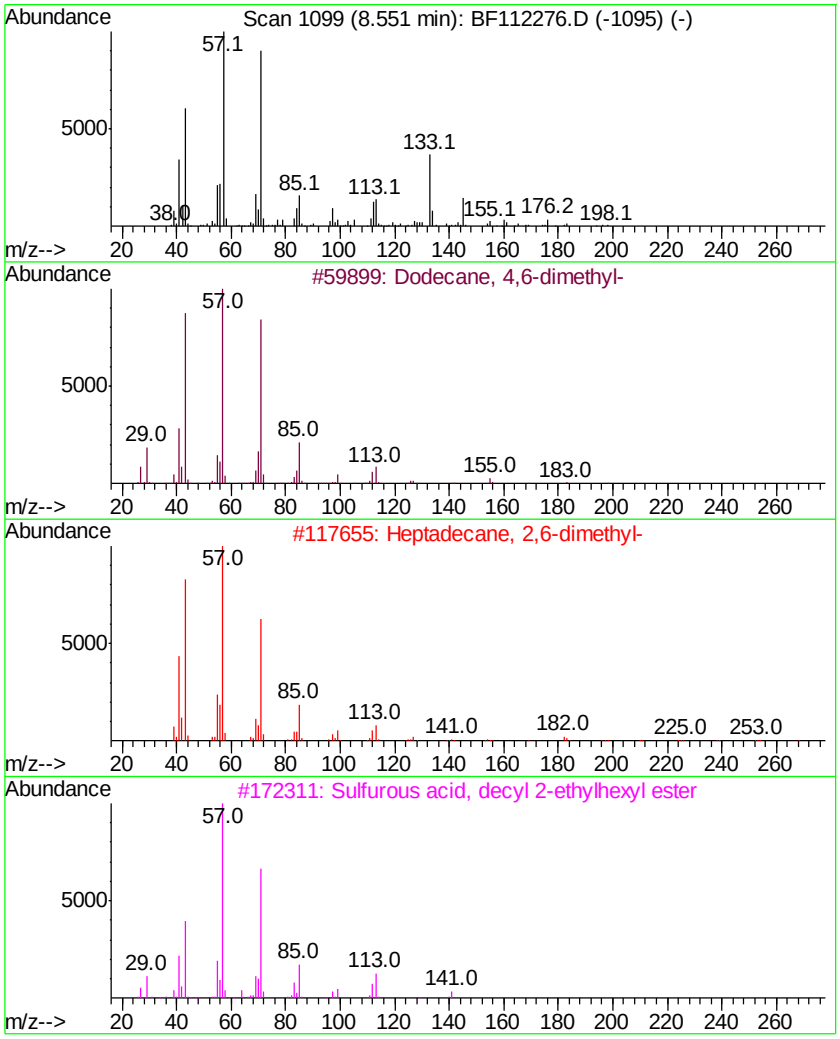
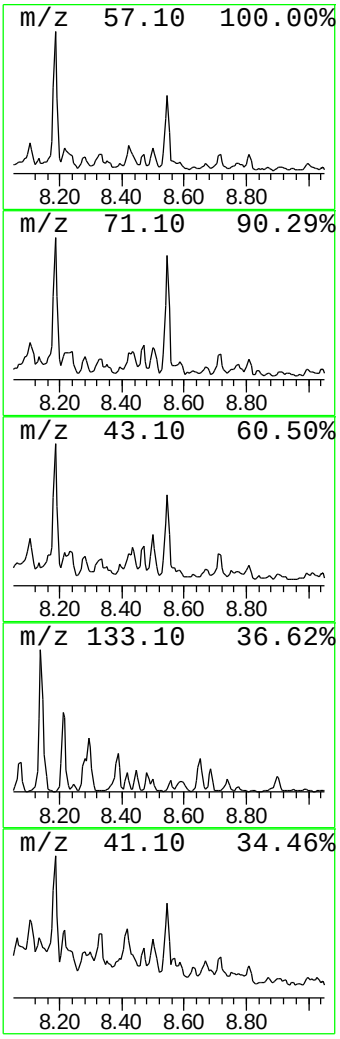
Peak Number 18 Dodecane, 4,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	7.23 ng	749189	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112276.D
Acq On : 28 Jan 2019 15:58
Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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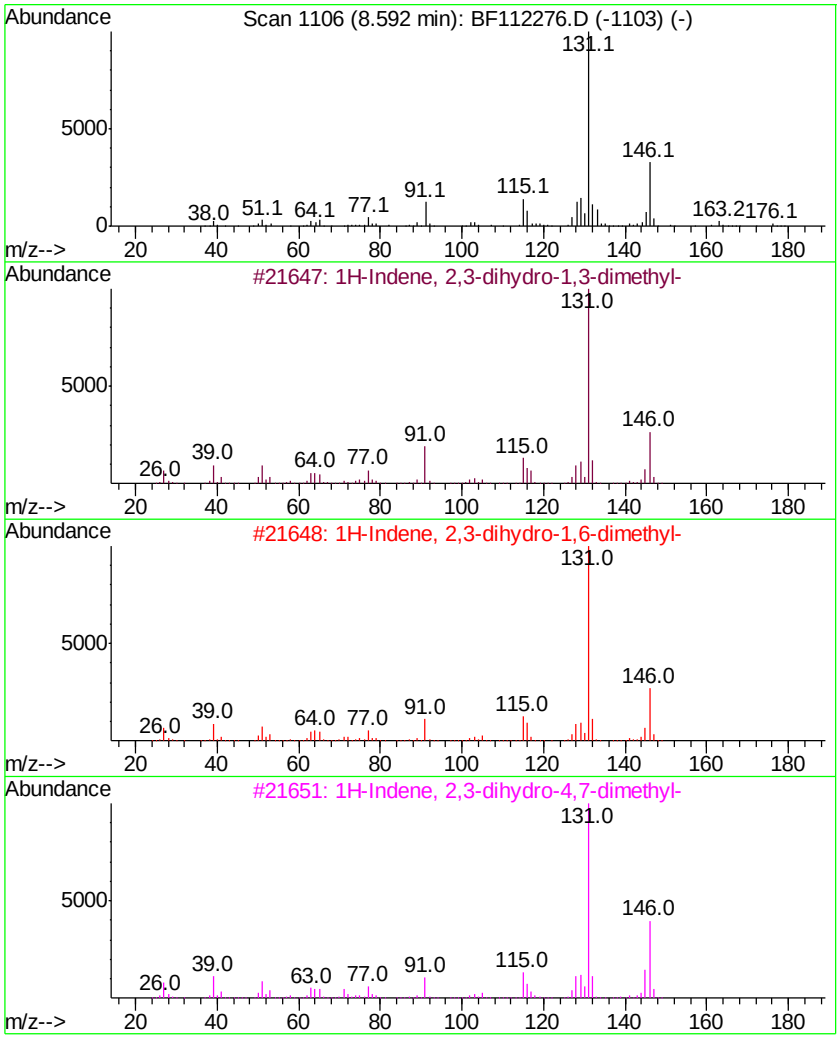
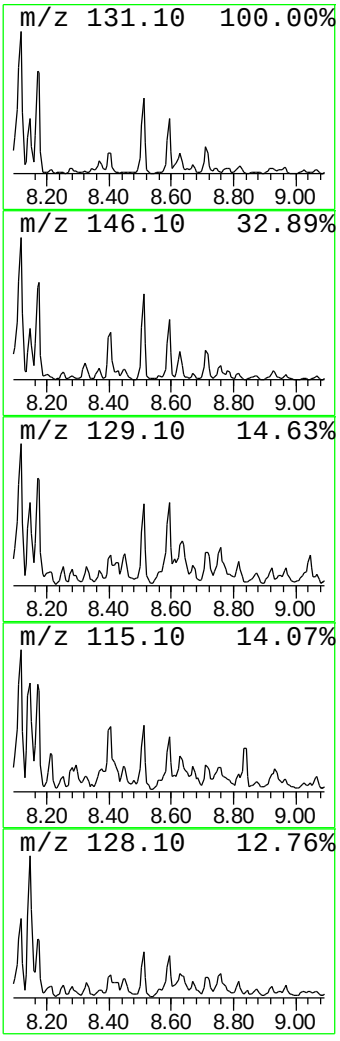
Peak Number 19 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	7.31 ng	757039	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112276.D
Acq On : 28 Jan 2019 15:58
Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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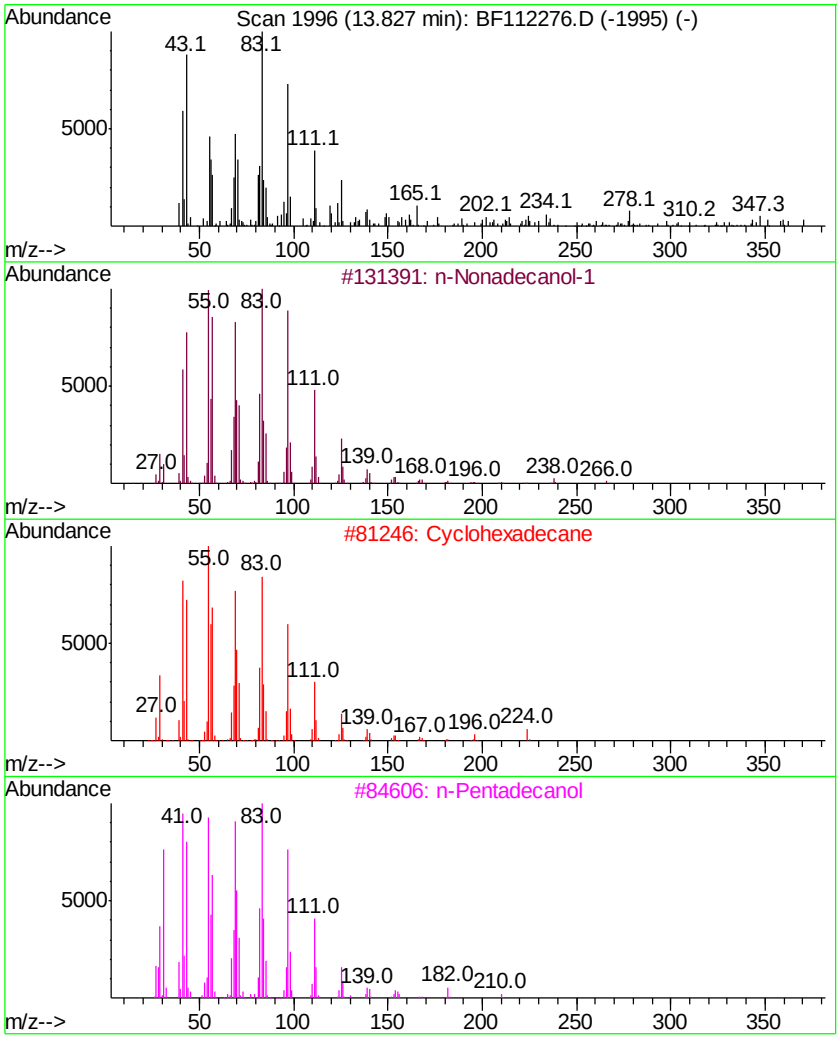
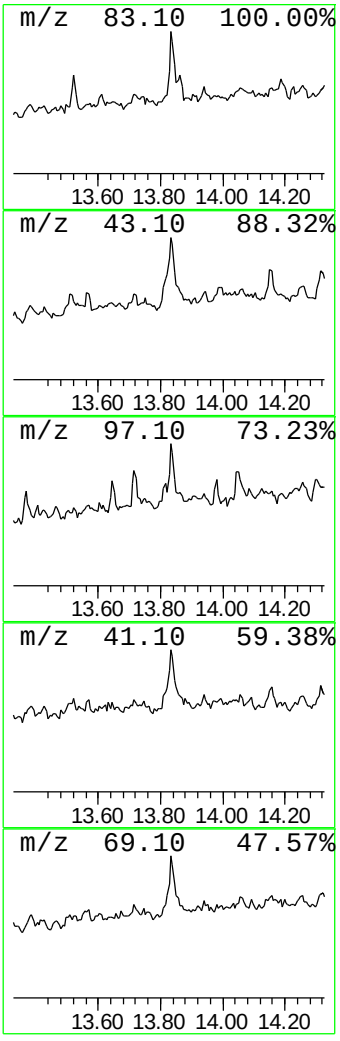
Peak Number 20 n-Nonadecanol-1 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.90 ng	634336	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	59
2	Cyclohexadecane	224	C16H32	000295-65-8	49
3	n-Pentadecanol	228	C15H32O	000629-76-5	46
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	46
5	1-Hexadecanol	242	C16H34O	036653-82-4	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012819\
Data File : BF112276.D
Acq On : 28 Jan 2019 15:58
Operator : JU/SJ
Sample : K1250-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.62	6.62	34.6	ng	4181740	1	6.84	2417790	20.0
Naphthalene, deca...	7.23	11.0	ng	1328860	1	6.84	2417790	20.0
Benzene, 1-ethyl-...	7.49	13.3	ng	1381060	2	8.13	2072540	20.0
1H-Indene, 2,3-di...	7.53	8.3	ng	862880	2	8.13	2072540	20.0
Benzene, 1,2,3,4-...	7.62	12.1	ng	1252670	2	8.13	2072540	20.0
trans-Decalin, 2-...	7.65	7.6	ng	783445	2	8.13	2072540	20.0
Benzene, 2-ethyl-...	7.73	11.3	ng	1166260	2	8.13	2072540	20.0
Benzene, (2-methy...	7.77	16.4	ng	1700970	2	8.13	2072540	20.0
unknown7.81	7.81	8.3	ng	863170	2	8.13	2072540	20.0
Benzene, (1-methy...	7.86	22.1	ng	2290110	2	8.13	2072540	20.0
Benzene, 1-ethyl-...	7.95	12.8	ng	1322610	2	8.13	2072540	20.0
Benzene, 1-methyl...	7.99	12.8	ng	1329570	2	8.13	2072540	20.0
Benzene, 1,3-dime...	8.07	12.0	ng	1240080	2	8.13	2072540	20.0
Benzene, pentamet...	8.22	10.8	ng	1120700	2	8.13	2072540	20.0
unknown8.42	8.42	12.2	ng	1267930	2	8.13	2072540	20.0
1H-Indene, 2,3-di...	8.51	12.6	ng	1310330	2	8.13	2072540	20.0
Dodecane, 4,6-dim...	8.55	7.2	ng	749189	2	8.13	2072540	20.0
1H-Indene, 2,3-di...	8.59	7.3	ng	757039	2	8.13	2072540	20.0
n-Nonadecanol-1	13.83	7.9	ng	634336	5	14.00	1605940	20.0