LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039388.D
Acq On : 7 Feb 2019 18:59
Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

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_G\METHODS\8270-BG012919.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	3.225	17	23	32	rBV	225442	410416	9.56%	1.245%
2	3.301	32	36	45	rVB	178630	257951	6.01%	0.782%
3	5.257	364	369	376	rVB	30544	46587	1.08%	0.141%
4	5.657	427	437	442	rBV	318086	520938	12.13%	1.580%
5	5.716	442	447	455	rVB	520192	836946	19.49%	2.538%
6	6.644	599	605	615	rVB2	35005	59354	1.38%	0.180%
7	7.137	683	689	698	rBV	46183	85353	1.99%	0.259%
8	7.307	711	718	727	rBV	357113	604943	14.09%	1.834%
9	7.548	751	759	768	rVB3	54527	107068	2.49%	0.325%
10	7.701	777	785	792	rBV	967561	1648603	38.39%	4.999%
11	8.177	859	866	874	rBV	191831	331621	7.72%	1.006%
12	8.283	877	884	891	rVB	303189	501461	11.68%	1.521%
13	8.500	907	921	926	rBV	823678	1538440	35.82%	4.665%
14	8.553	926	930	941	rVB	379726	629207	14.65%	1.908%
15	8.653	941	947	953	rVB2	56838	95367	2.22%	0.289%
16	8.852	976	981	987	rVB4	29092	59792	1.39%	0.181%
17	9.275	1045	1053	1059	rBV2	175887	325807	7.59%	0.988%
18	9.352	1059	1066	1075	rVB2	818900	1560917	36.34%	4.733%
19	9.622	1105	1112	1119	rBV3	20620	49347	1.15%	0.150%
20	9.798	1136	1142	1149	rVB	151925	257478	6.00%	0.781%
21	10.168	1198	1205	1210	rVV3	22726	48794	1.14%	0.148%
22	10.227	1210	1215	1223	rVB2	57595	115079	2.68%	0.349%
23	10.380	1230	1241	1249	rBV	374907	715187	16.65%	2.169%
24	10.627	1277	1283	1287	rVB	57509	95074	2.21%	0.288%
25	10.709	1293	1297	1304	rVB7	34019	74511	1.73%	0.226%
26	10.844	1313	1320	1328	rBV8	22557	61564	1.43%	0.187%
27	10.997	1333	1346	1358	rVV	284028	638202	14.86%	1.935%
28	11.096	1358	1363	1367	rVV3	40080	59559	1.39%	0.181%
29	11.237	1381	1387	1391	rBV4	35245	65477	1.52%	0.199%
30	11.320	1398	1401	1407	rVB2	33912	43915	1.02%	0.133%
31	11.396	1407	1414	1421	rVB6	75550	218579	5.09%	0.663%
32	11.472	1422	1427	1435	rBV	104472	209142	4.87%	0.634%
33	11.561	1435	1442	1446	rBV6	47677	116551	2.71%	0.353%
34	11.602	1446	1449	1453	rVB3	30777	47076	1.10%	0.143%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039388.D
Acq On : 7 Feb 2019 18:59
Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

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_G\METHODS\8270-BG012919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.696	1460	1465	1475	rVB2	70233	157027	3.66%	0.476%
36	11.796	1475	1482	1493	rBV7	126466	402342	9.37%	1.220%
37	11.890	1493	1498	1503	rVV7	40784	73580	1.71%	0.223%
38	11.966	1503	1511	1516	rVB7	40410	105431	2.45%	0.320%
39	12.089	1527	1532	1536	rBV5	33688	61142	1.42%	0.185%
40	12.142	1536	1541	1546	rVV4	53118	92603	2.16%	0.281%
41	12.371	1575	1580	1589	rVB6	49914	115234	2.68%	0.349%
42	12.583	1611	1616	1624	rBV	112089	195714	4.56%	0.594%
43	12.706	1632	1637	1639	rBV3	36713	60323	1.40%	0.183%
44	12.747	1639	1644	1647	rVV4	43051	82200	1.91%	0.249%
45	12.788	1647	1651	1655	rVB2	147595	209043	4.87%	0.634%
46	12.853	1658	1662	1665	rBV5	58133	83300	1.94%	0.253%
47	13.111	1701	1706	1708	rBV3	60722	99787	2.32%	0.303%
48	13.147	1708	1712	1718	rVB	151022	240356	5.60%	0.729%
49	13.423	1753	1759	1765	rBV	1773107	2852355	66.41%	8.650%
50	13.476	1765	1768	1774	rVB5	38336	57097	1.33%	0.173%
51	13.634	1790	1795	1803	rBV8	30262	66629	1.55%	0.202%
52	13.975	1848	1853	1857	rBV5	64343	127179	2.96%	0.386%
53	14.022	1857	1861	1865	rVV2	127754	184600	4.30%	0.560%
54	14.421	1923	1929	1935	rBV4	132272	223303	5.20%	0.677%
55	14.486	1936	1940	1948	rVB6	33162	63461	1.48%	0.192%
56	14.603	1952	1960	1966	rVB2	103526	230363	5.36%	0.699%
57	14.715	1973	1979	1984	rBV8	28102	74530	1.74%	0.226%
58	14.797	1984	1993	2001	rVV2	447896	802375	18.68%	2.433%
59	14.874	2002	2006	2011	rVV	47960	73846	1.72%	0.224%
60	14.974	2020	2023	2030	rVB5	76937	137844	3.21%	0.418%
61	15.062	2032	2038	2043	rVV2	66366	132720	3.09%	0.402%
62	15.279	2072	2075	2080	rBV	29621	43153	1.00%	0.131%
63	15.491	2106	2111	2116	rBV	123660	211112	4.92%	0.640%
64	15.772	2154	2159	2164	rBV	146910	211103	4.92%	0.640%
65	15.814	2164	2166	2173	rVB6	23141	43346	1.01%	0.131%
66	16.207	2229	2233	2235	rBV2	33195	49465	1.15%	0.150%
67	16.242	2235	2239	2241	rVV	92942	143982	3.35%	0.437%
68	16.284	2241	2246	2259	rVB	1479760	2315024	53.90%	7.020%
69	16.489	2273	2281	2295	rBV	435479	846920	19.72%	2.568%
70	16.601	2296	2300	2303	rBV	77297	100336	2.34%	0.304%
71	16.654	2304	2309	2316	rBV2	139263	256901	5.98%	0.779%

LSC Area Percent Report

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Acq On : 7 Feb 2019 18:59
Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.718	2316	2320	2324	rBV2	130308	176528	4.11%	0.535%
73	16.759	2324	2327	2332	rVB2	51327	75263	1.75%	0.228%
74	16.924	2349	2355	2362	rVB5	85836	176092	4.10%	0.534%
75	16.988	2362	2366	2369	rBV	92485	134260	3.13%	0.407%
76	17.059	2375	2378	2382	rVB2	37397	49965	1.16%	0.152%
77	17.106	2383	2386	2394	rVB9	31688	63879	1.49%	0.194%
78	17.541	2455	2460	2467	rVB	532395	809873	18.86%	2.456%
79	18.398	2602	2606	2614	rBV2	211205	314619	7.33%	0.954%
80	19.661	2818	2821	2829	rVB2	91359	129917	3.02%	0.394%
81	19.802	2842	2845	2852	rVB9	41905	66172	1.54%	0.201%
82	19.949	2866	2870	2875	rVB	38248	61887	1.44%	0.188%
83	20.137	2896	2902	2910	rBV	3146671	4294810	100.00%	13.024%
84	21.430	3118	3122	3132	rVB	164671	243343	5.67%	0.738%
85	21.835	3184	3191	3198	rVB	592600	1010557	23.53%	3.065%
86	21.999	3216	3219	3228	rVB6	24012	46661	1.09%	0.141%
87	22.634	3322	3327	3331	rBV	28959	51299	1.19%	0.156%
88	23.362	3446	3451	3456	rVB2	39416	68850	1.60%	0.209%
89	23.562	3479	3485	3493	rVB	119058	240477	5.60%	0.729%
90	24.208	3590	3595	3603	rVB3	43649	100227	2.33%	0.304%
91	25.219	3755	3767	3779	rVB2	371457	1123669	26.16%	3.408%
92	26.405	3965	3969	3980	rVB4	26357	75724	1.76%	0.230%

Sum of corrected areas: 32976104

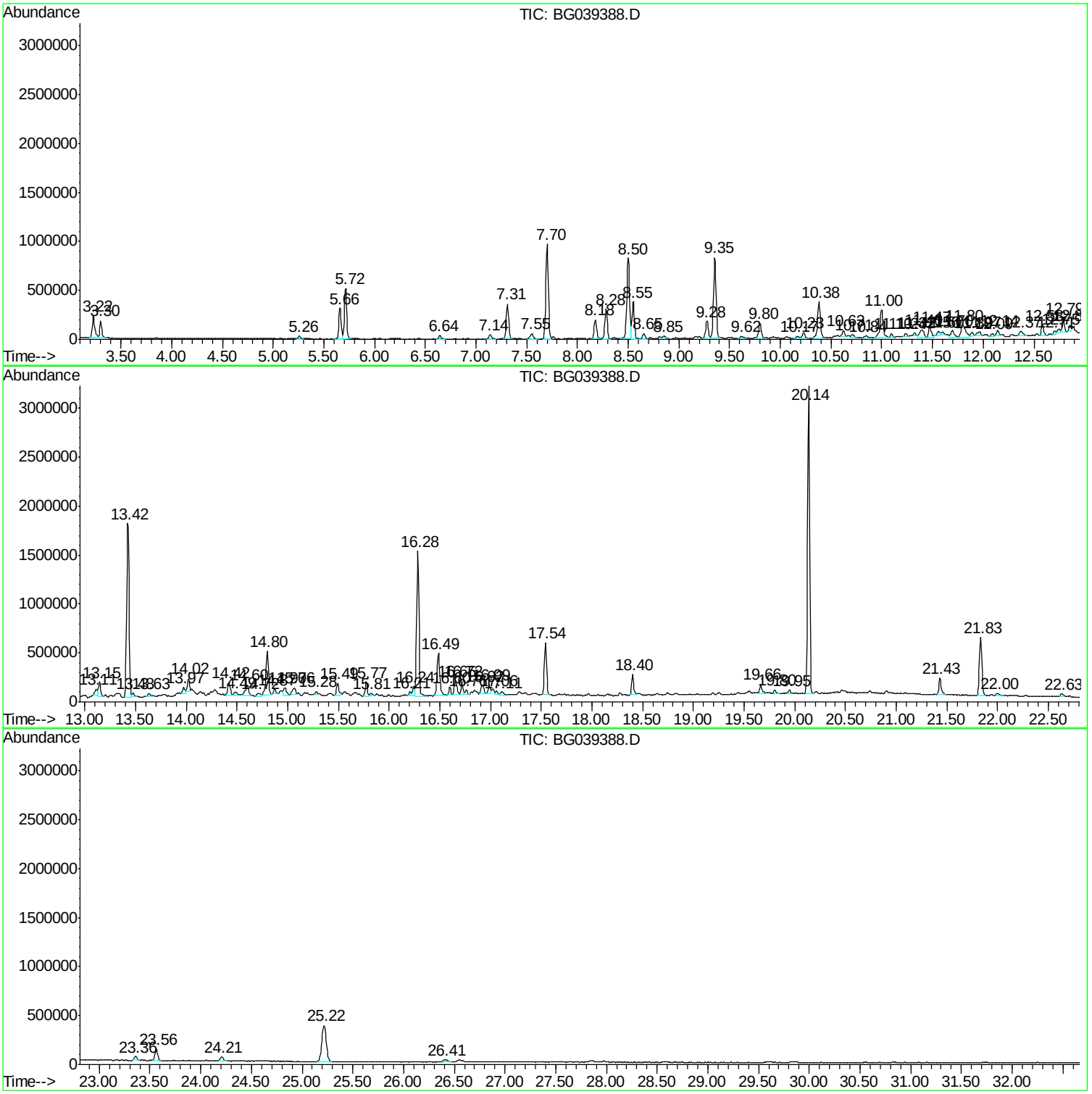
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039388.D
Acq On : 7 Feb 2019 18:59
Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039388.D
Acq On : 7 Feb 2019 18:59
Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

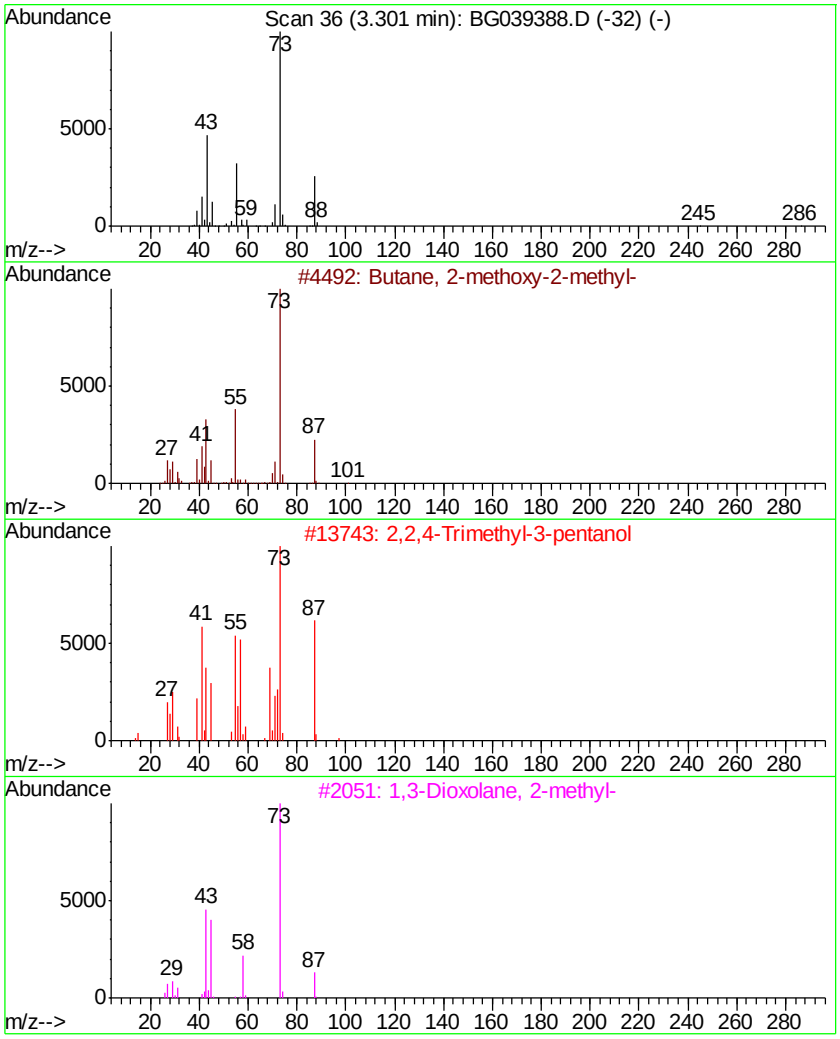
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

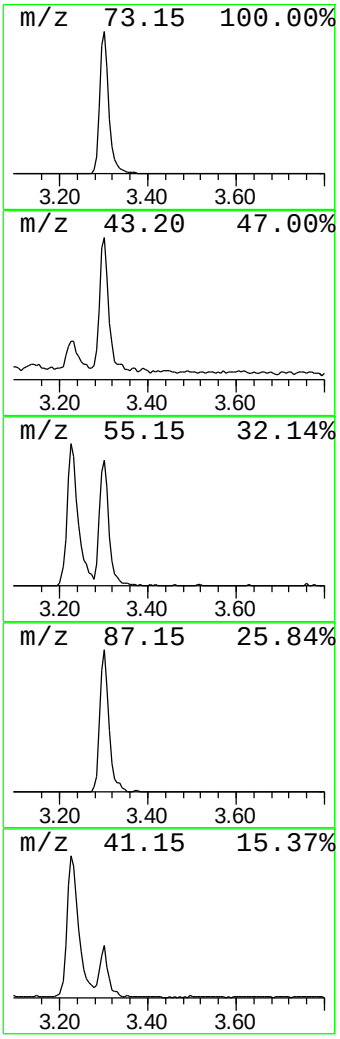
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	15.56 ng	257951	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039388.D
Acq On : 7 Feb 2019 18:59
Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

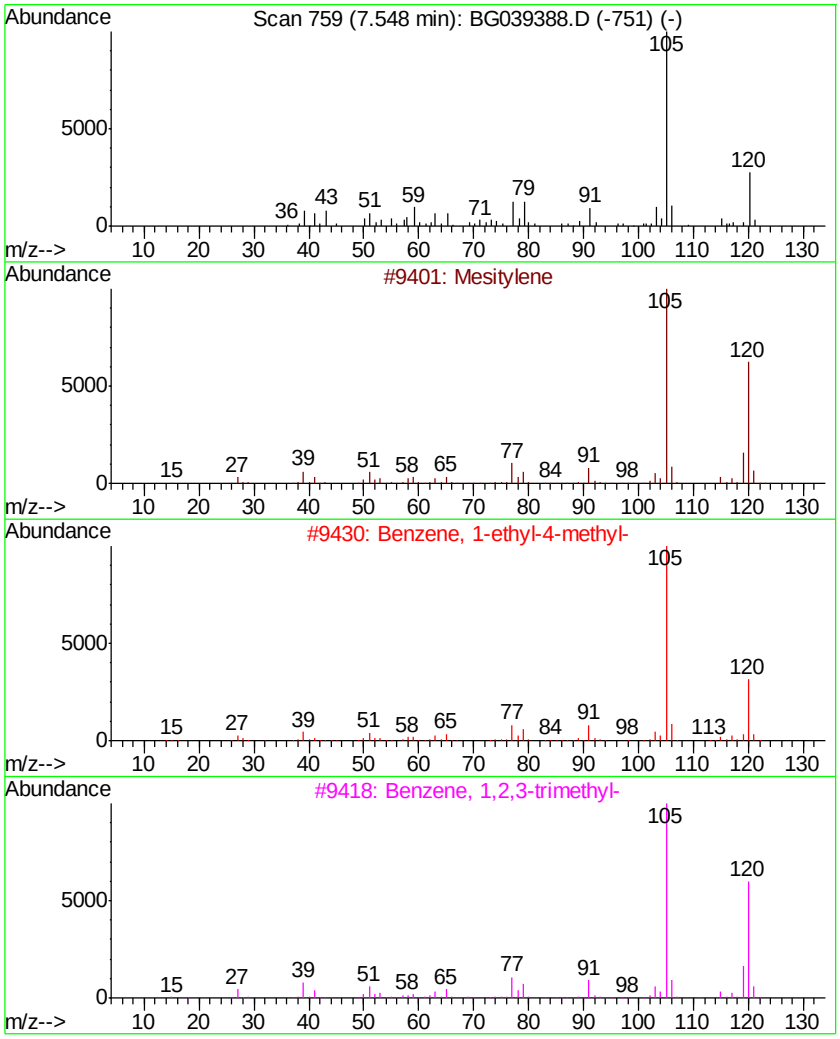
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

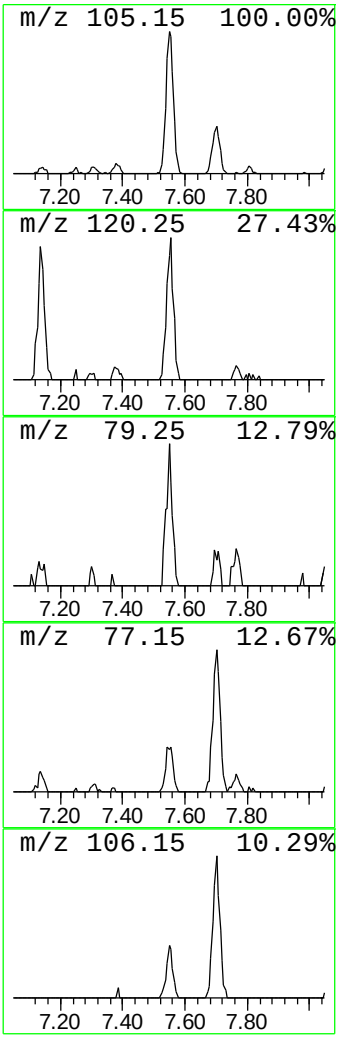
****

Peak Number 4 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	6.46 ng	107068	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

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Data File : BG039388.D
Acq On : 7 Feb 2019 18:59
Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

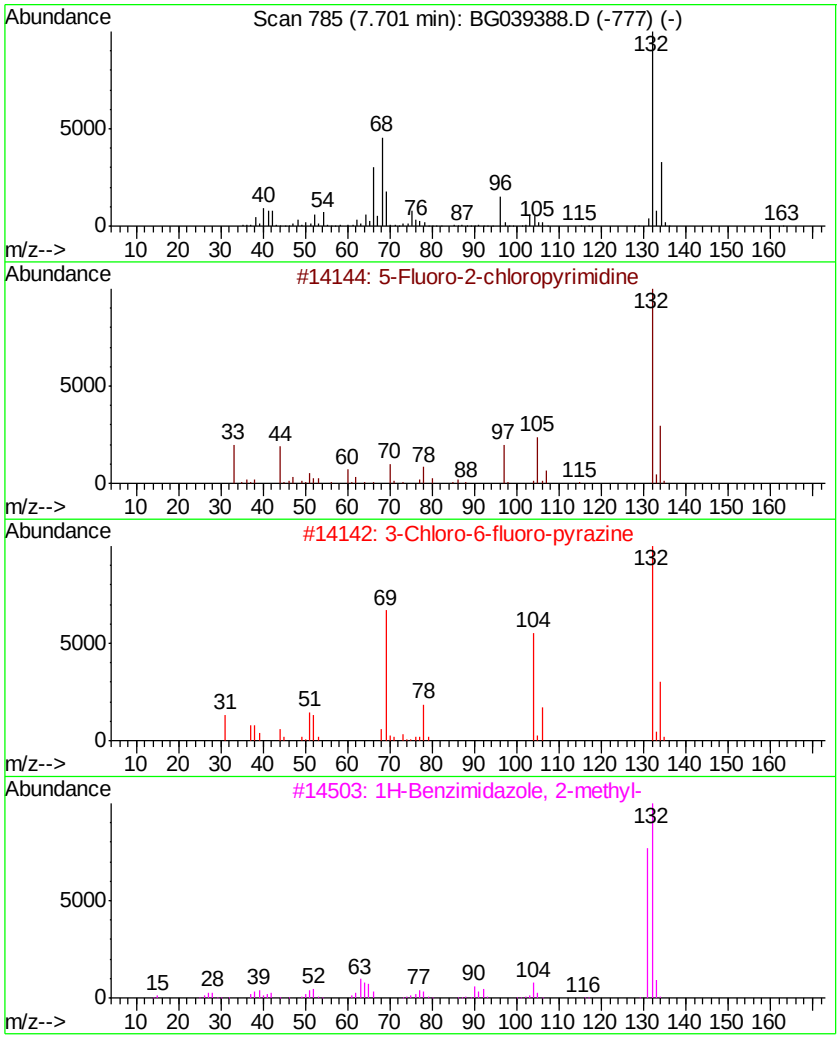
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

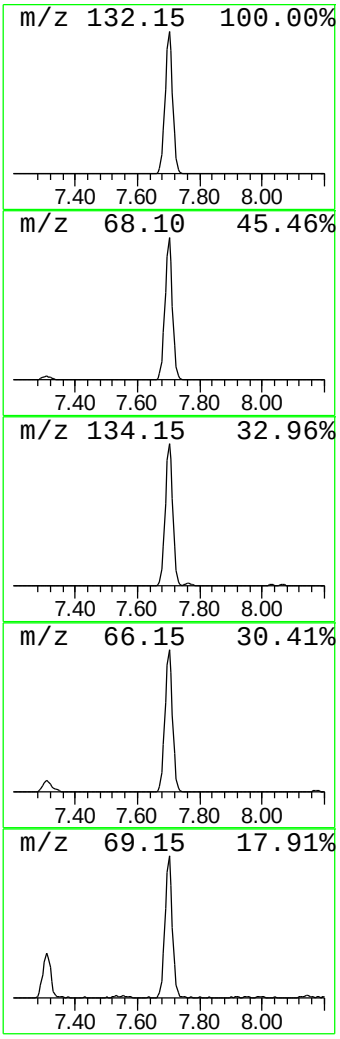
****

Peak Number 5 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	99.43 ng	1648600	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039388.D
Acq On : 7 Feb 2019 18:59
Operator : JU/SJ
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Misc :
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Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

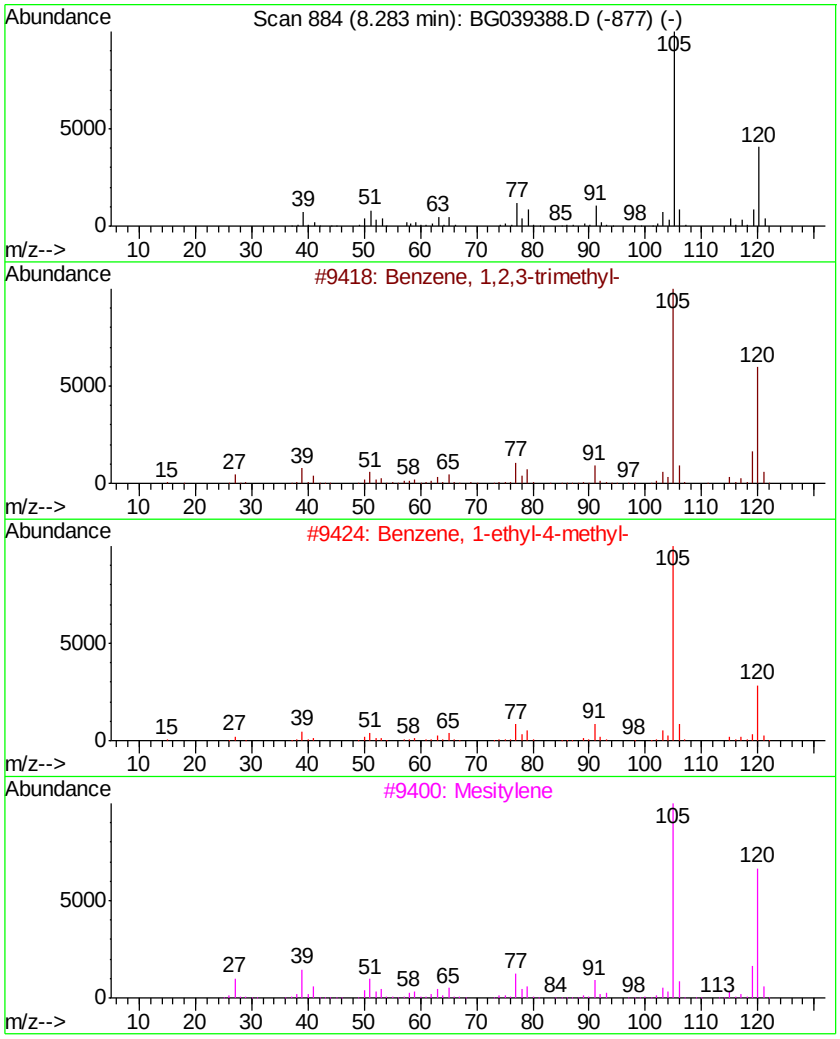
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

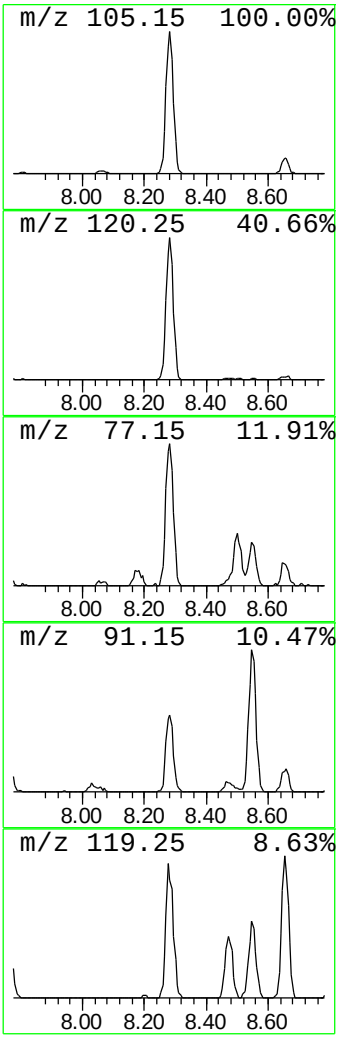
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	30.24 ng	501461	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039388.D
Acq On : 7 Feb 2019 18:59
Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

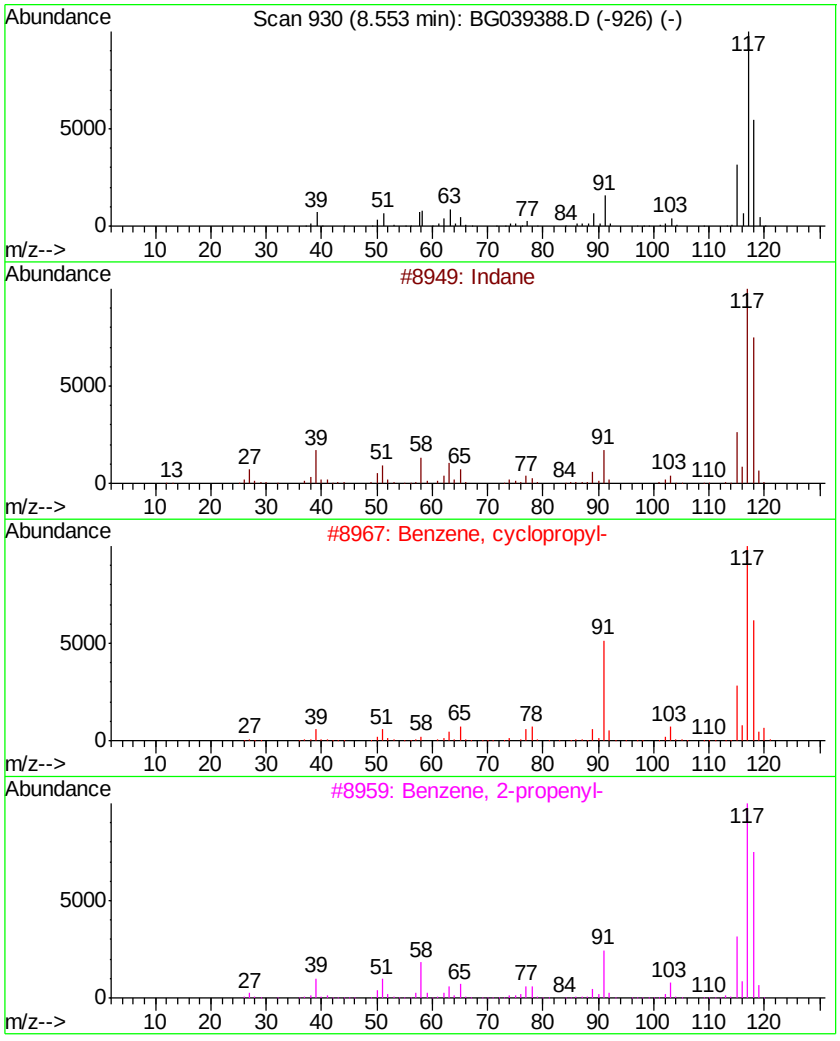
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

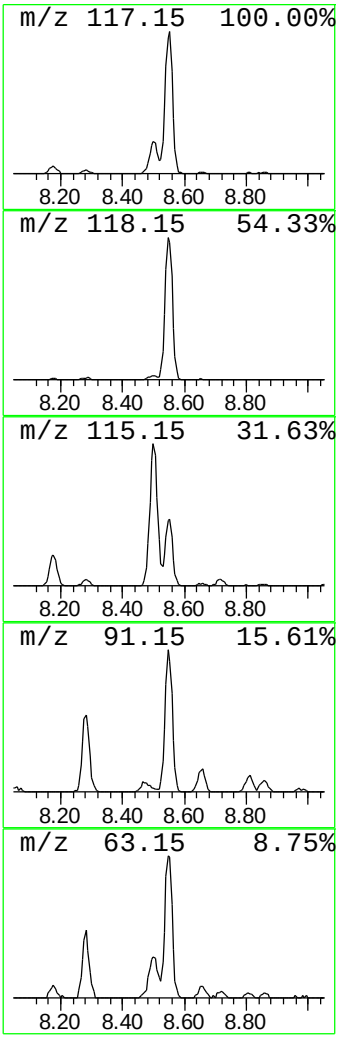
****

Peak Number 8 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	37.95 ng	629207	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	53
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	50
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039388.D
Acq On : 7 Feb 2019 18:59
Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

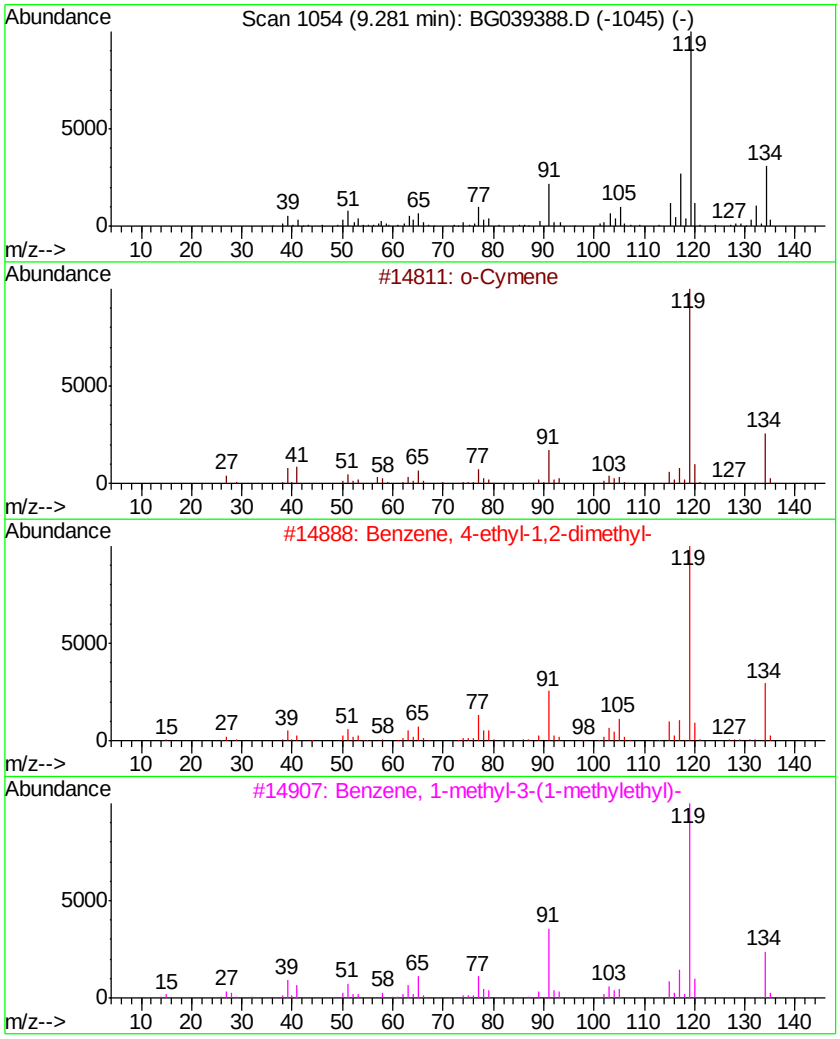
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

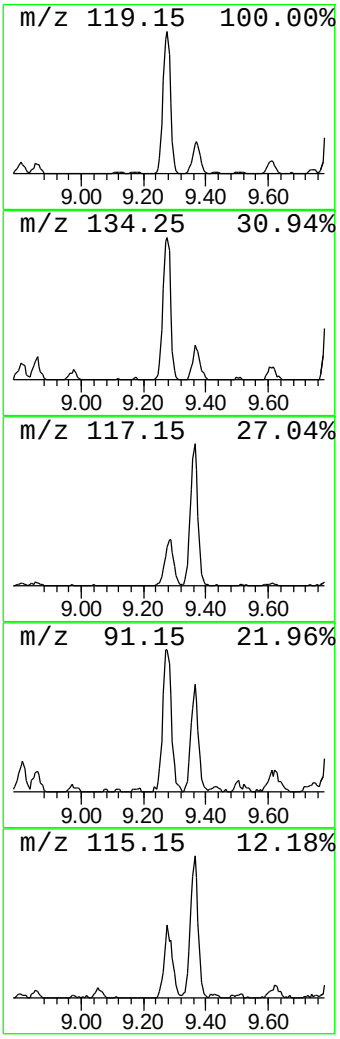
****

Peak Number 9 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	19.65 ng	325807	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87





Library Search Compound Report

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Data File : BG039388.D
Acq On : 7 Feb 2019 18:59
Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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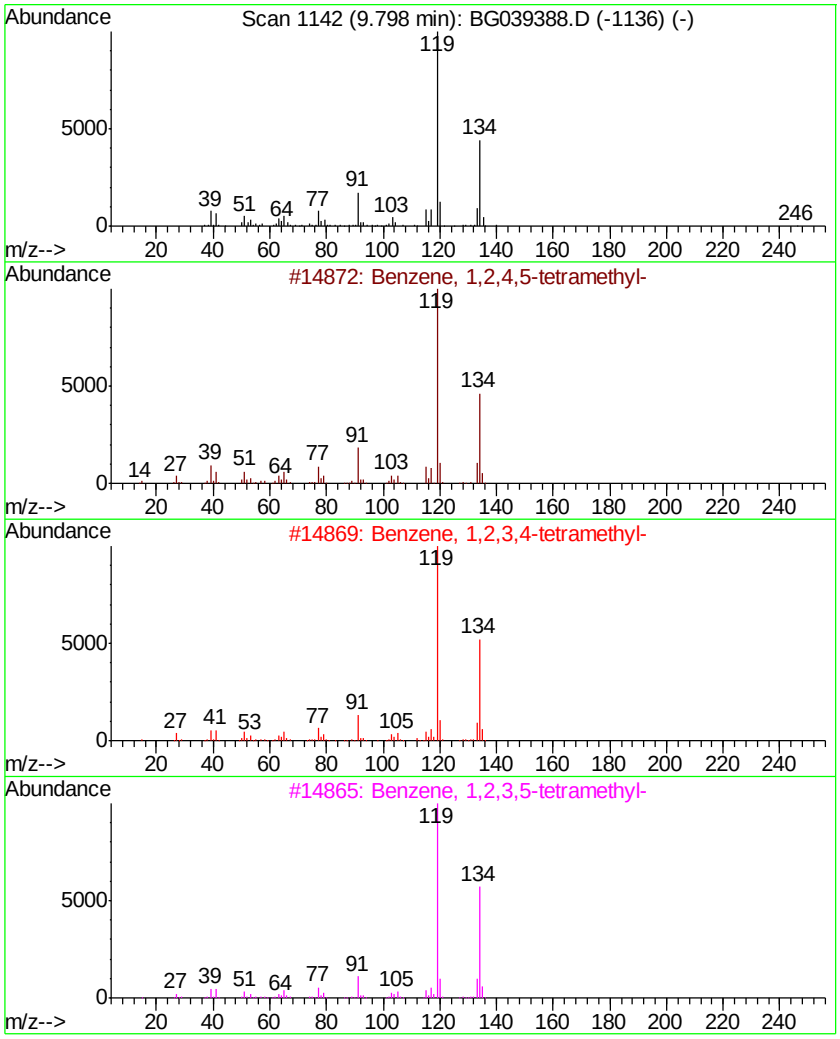
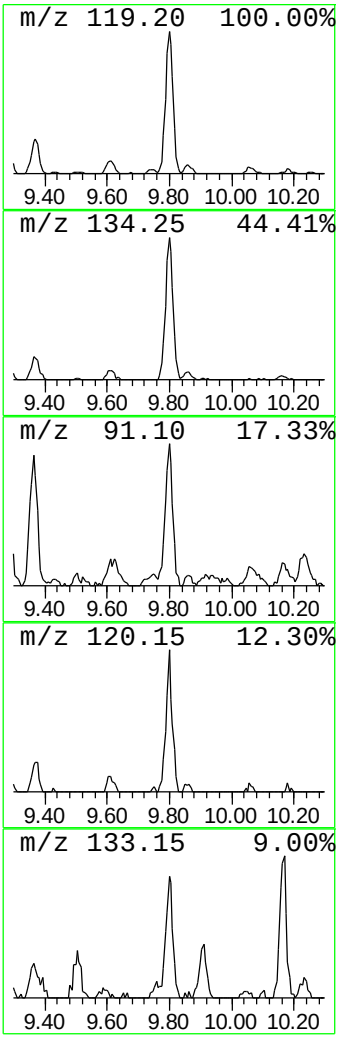
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	8.07 ng	257478	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

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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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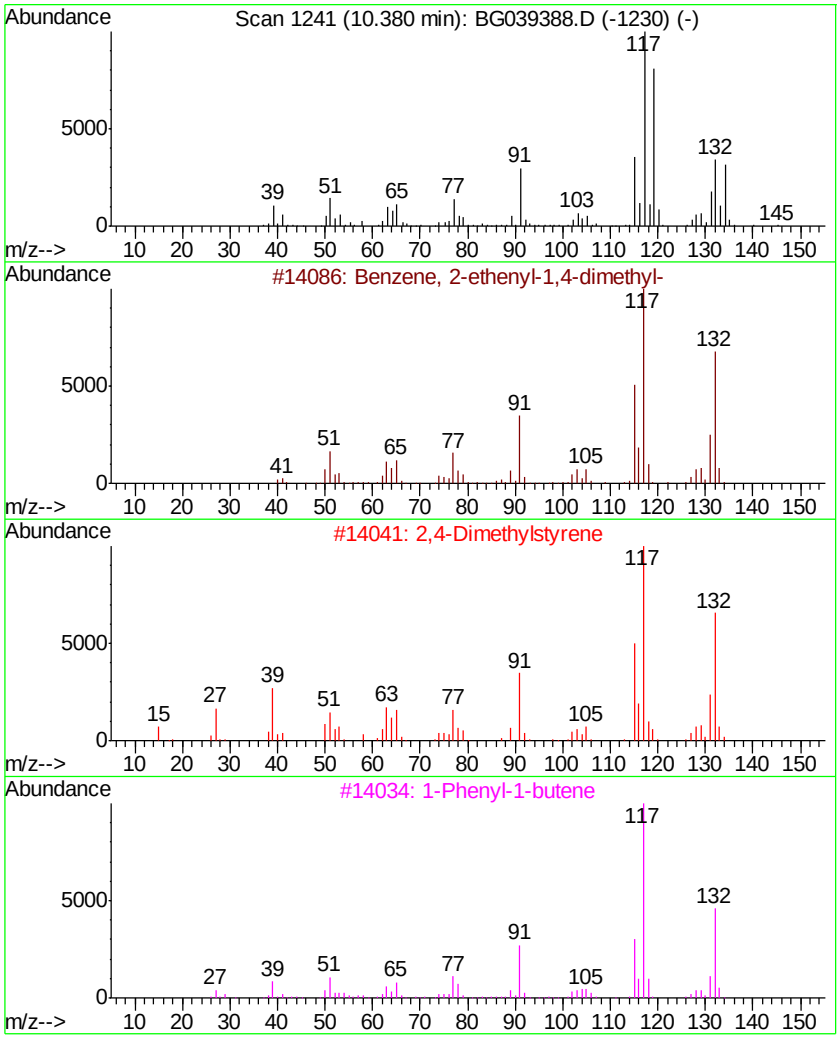
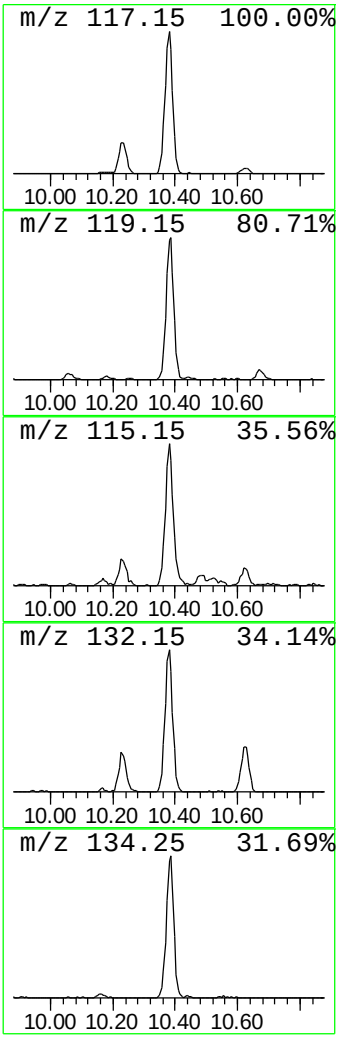
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	22.41 ng	715187	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	78
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

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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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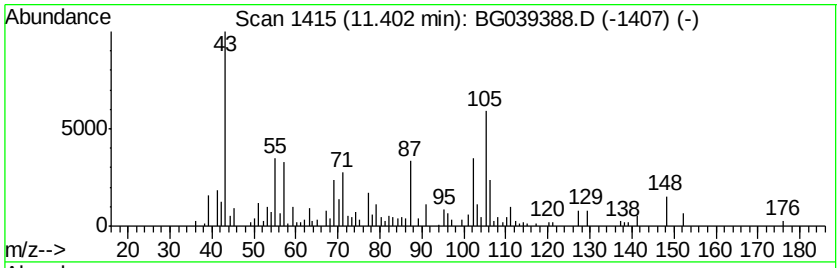
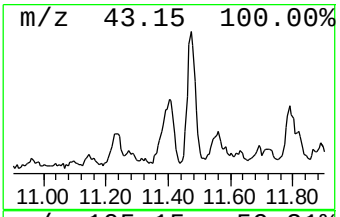
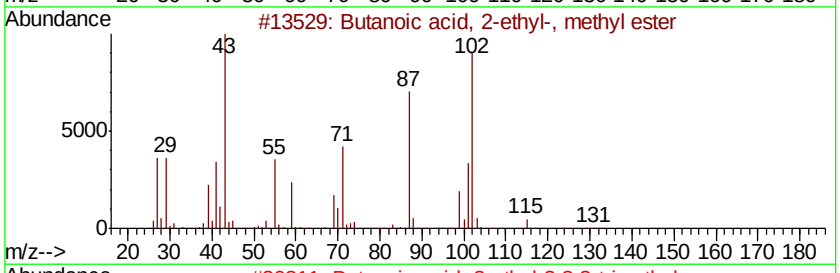
Peak Number 12 unknown11.40 Concentration Rank 14

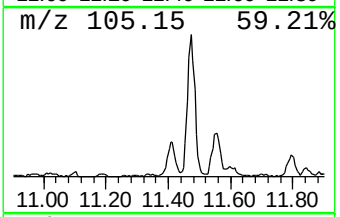
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	6.85 ng	218579	Naphthalene-d8	11.00

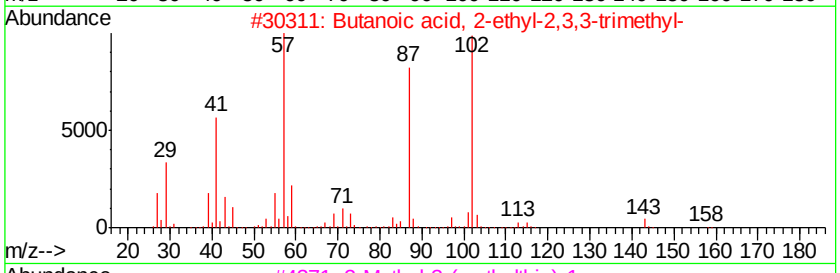
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-ethyl-, methyl ...	130	C7H14O2	000816-11-5	35
2	Butanoic acid, 2-ethyl-2,3,3-tri...	158	C9H18O2	038541-67-2	35
3	2-Methyl-3-(methylthio)-1-propene	102	C5H10S	052326-10-0	25
4	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	22
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	22

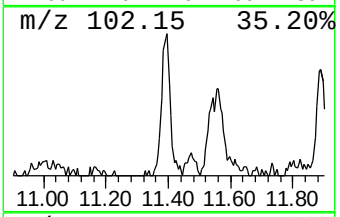


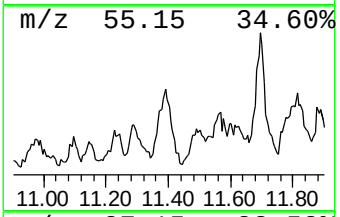


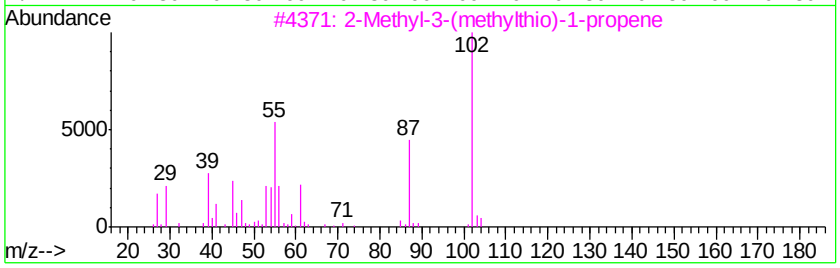


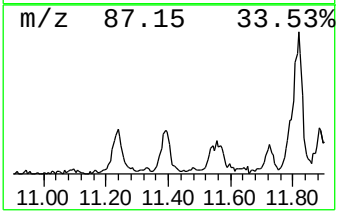












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Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

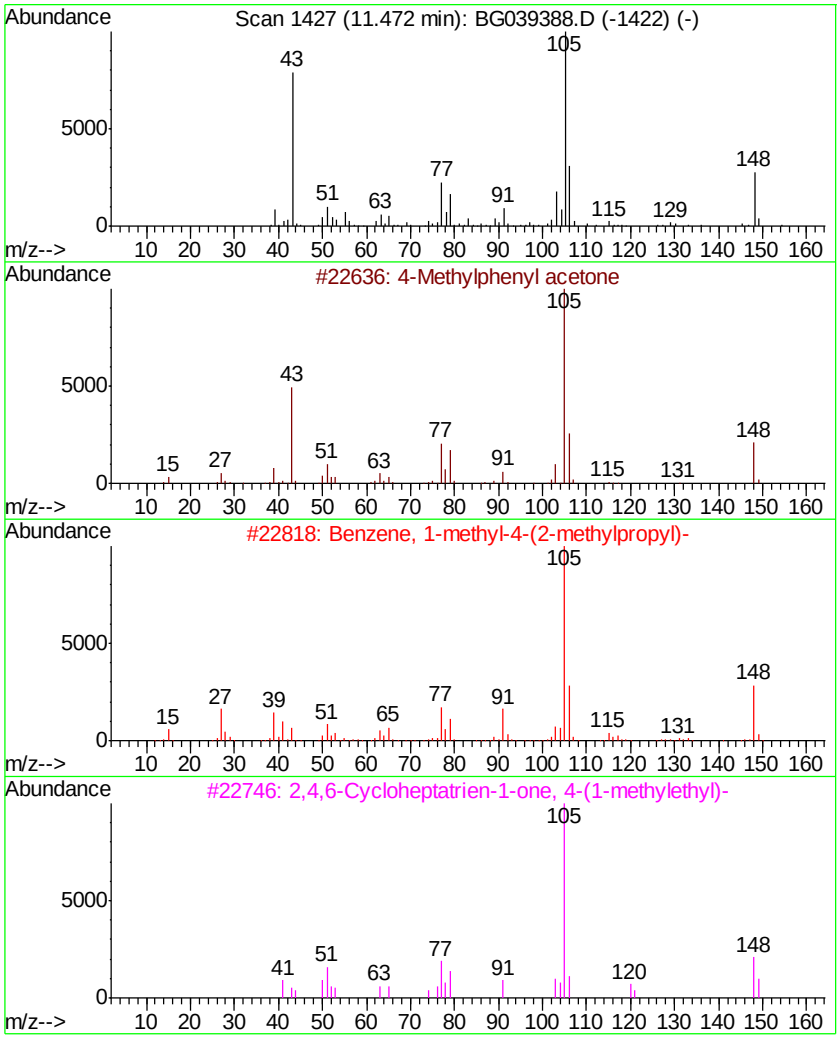
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

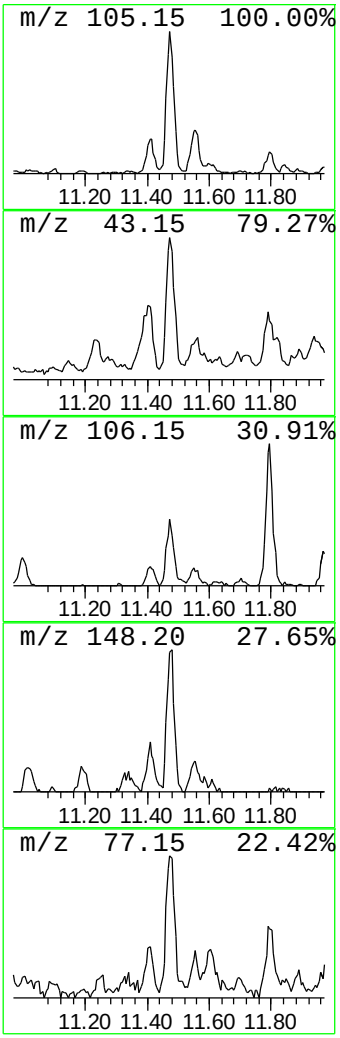
****

Peak Number 13 4-Methylphenyl acetone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	6.55 ng	209142	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	90
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	64
3	2,4,6-Cycloheptatrien-1-one, 4-(...	148	C10H12O	013656-81-0	64
4	2-Methylindan-2-ol	148	C10H12O	033223-84-6	53
5	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	50





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Instrument : BNA_G
ClientSampleId : TW-1

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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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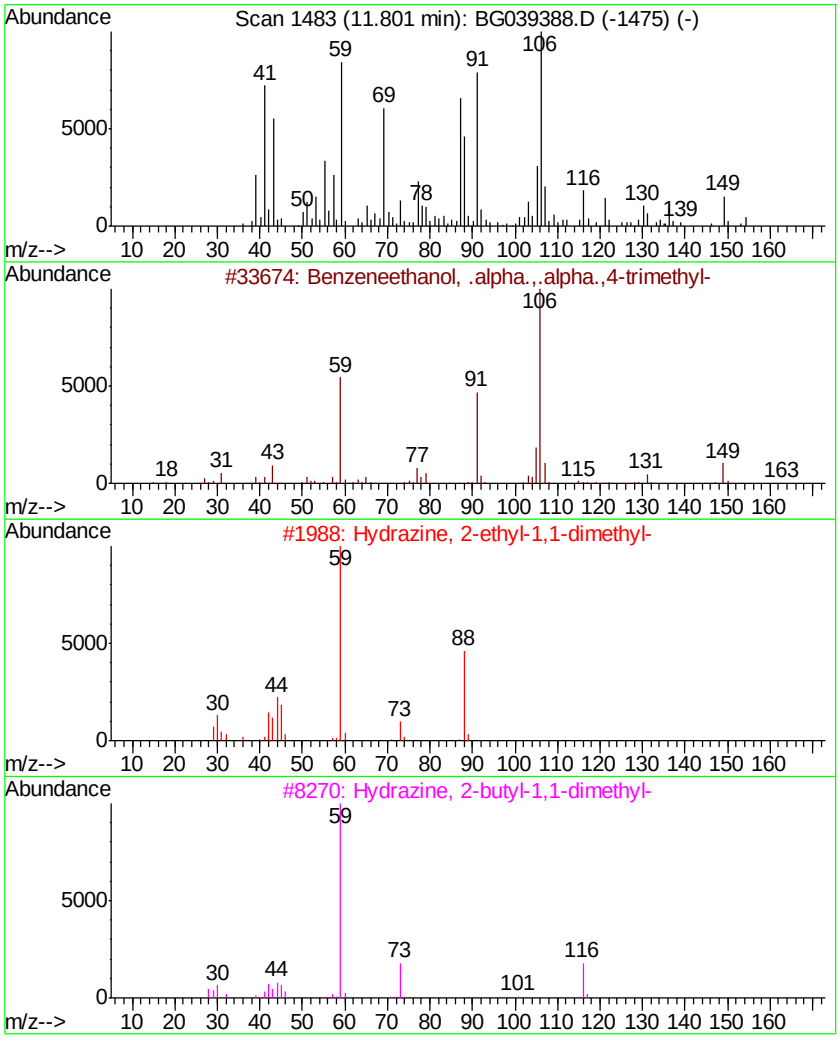
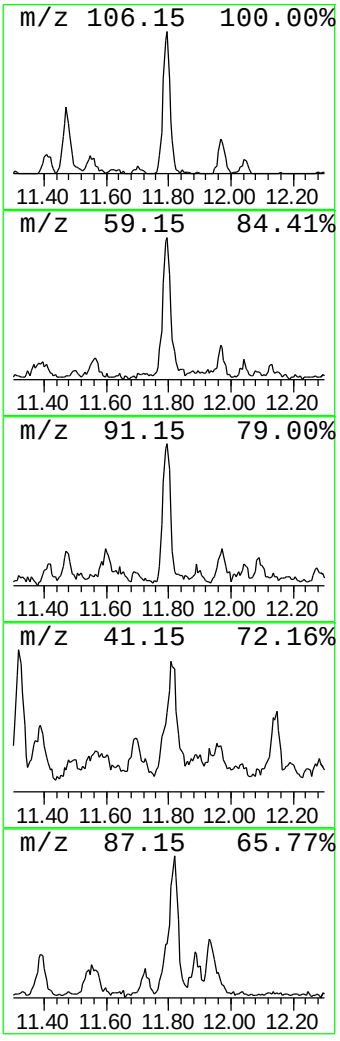
Peak Number 14 Benzeneethanol, .alpha.,.al... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	12.61 ng	402342	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .alpha.,.alpha.,...	164	C11H16O	020834-59-7	58
2	Hydrazine, 2-ethyl-1,1-dimethyl-	88	C4H12N2	029559-82-8	35
3	Hydrazine, 2-butyl-1,1-dimethyl-	116	C6H16N2	054007-23-7	25
4	Methyl 2,5,8,11,14-pentaoxahexad...	280	C12H24O7	1000366-81-5	22
5	2-Methyl-5-butylpyridine	149	C10H15N	000702-16-9	22





Library Search Compound Report

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Operator : JU/SJ
Sample : K1392-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

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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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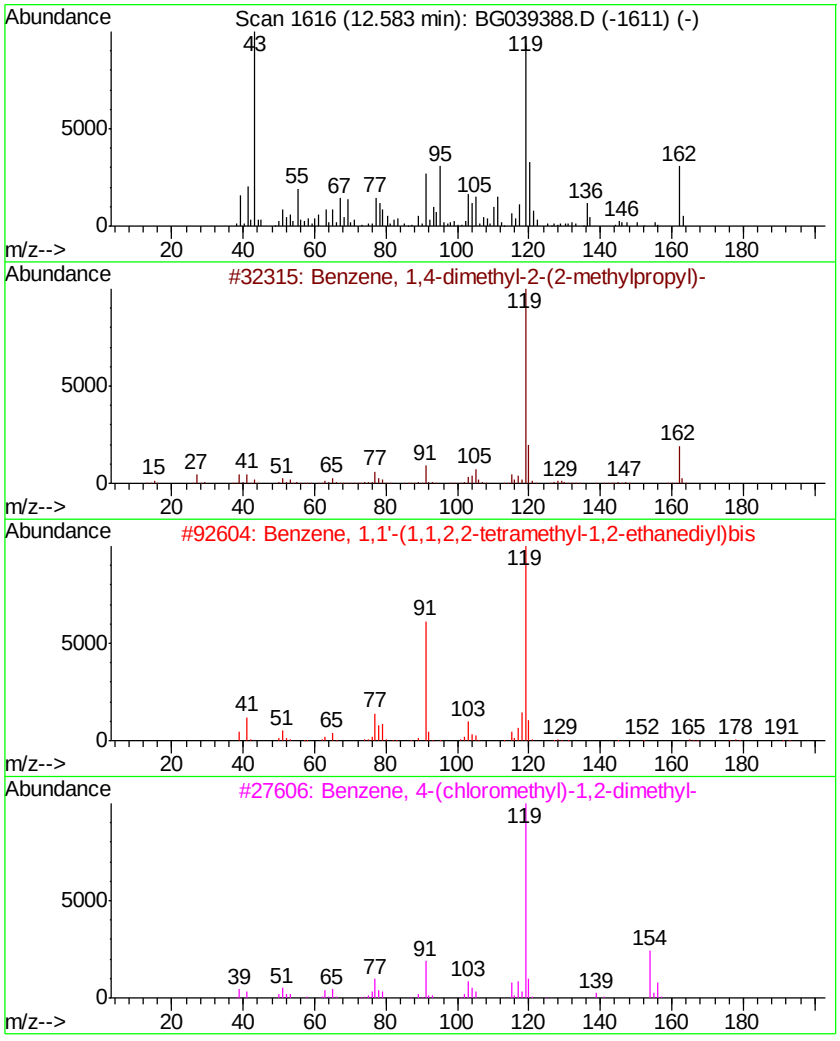
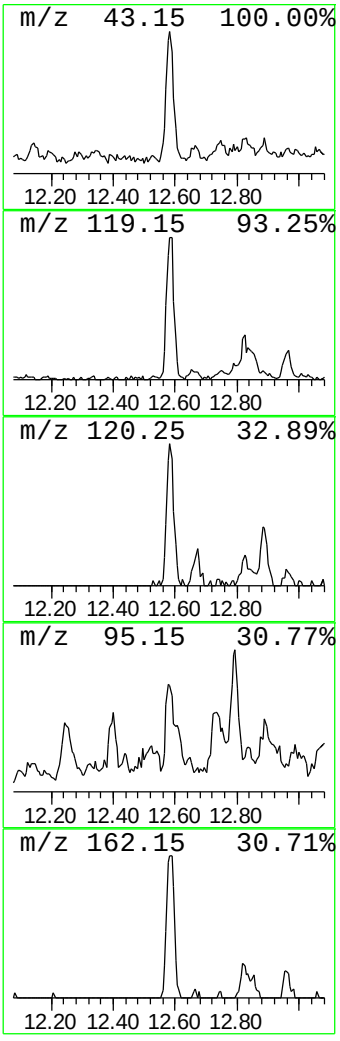
Peak Number 15 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	6.13 ng	195714	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	52
2	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	43
3	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	43
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38





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Instrument : BNA_G
ClientSampleId : TW-1

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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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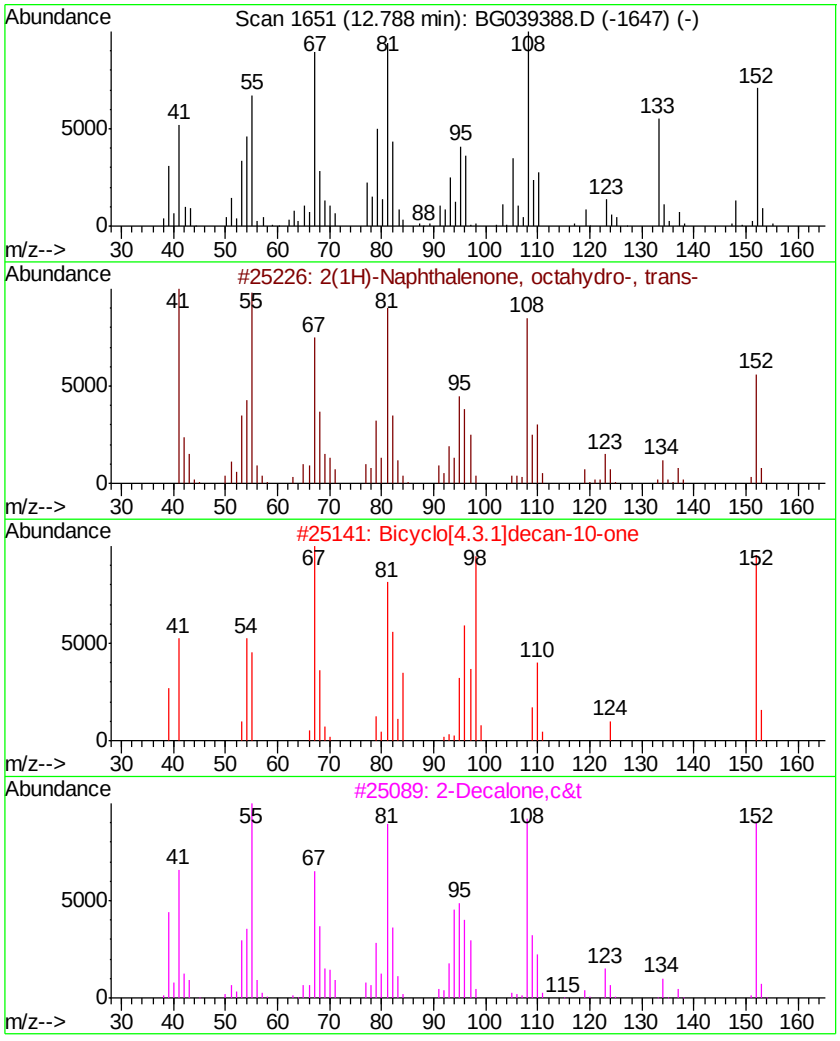
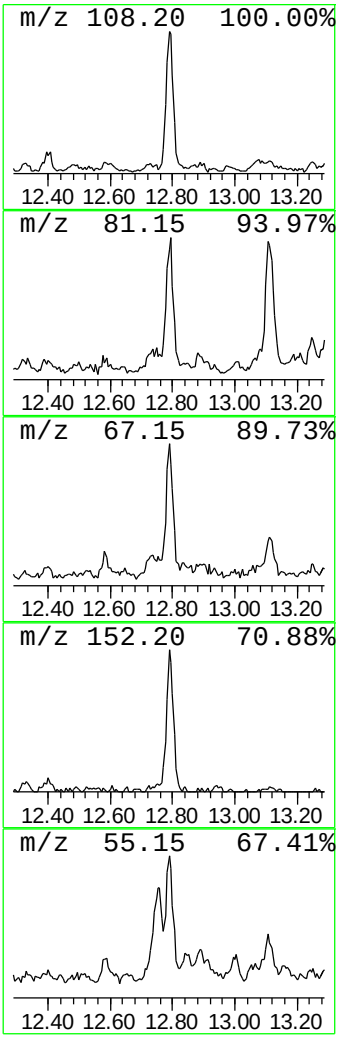
Peak Number 16 2(1H)-Naphthalenone, octahy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	6.55 ng	209043	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	94
2	Bicyclo[4.3.1]decan-10-one	152	C10H16O	020440-21-5	86
3	2-Decalone,c&t	152	C10H16O	004832-17-1	76
4	Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	70
5	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	58





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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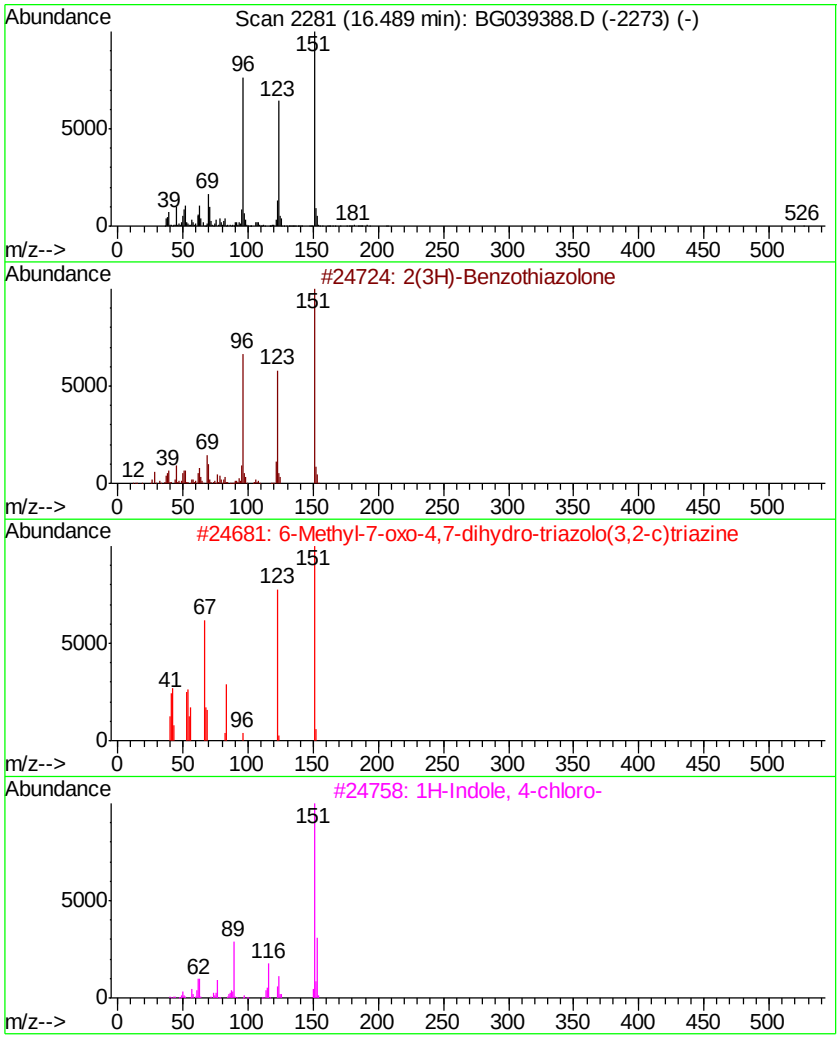
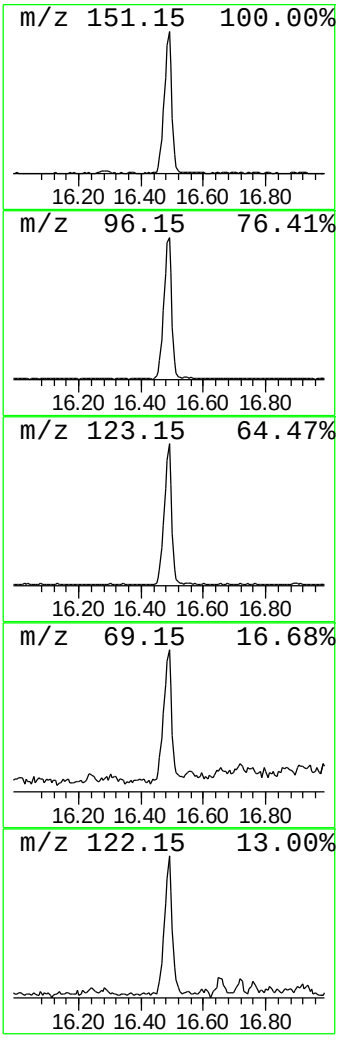
Peak Number 18 2(3H)-Benzothiazolone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	20.91 ng	846920	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	95
2	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	35
3	1H-Indole, 4-chloro-	151	C8H6ClN	025235-85-2	25
4	Thieno[3,2-c]pyridin-4(5H)-one	151	C7H5NOS	027685-92-3	25
5	1H-Pyrazole, 1,5-dimethyl-	96	C5H8N2	000694-31-5	25





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Instrument : BNA_G
ClientSampleId : TW-1

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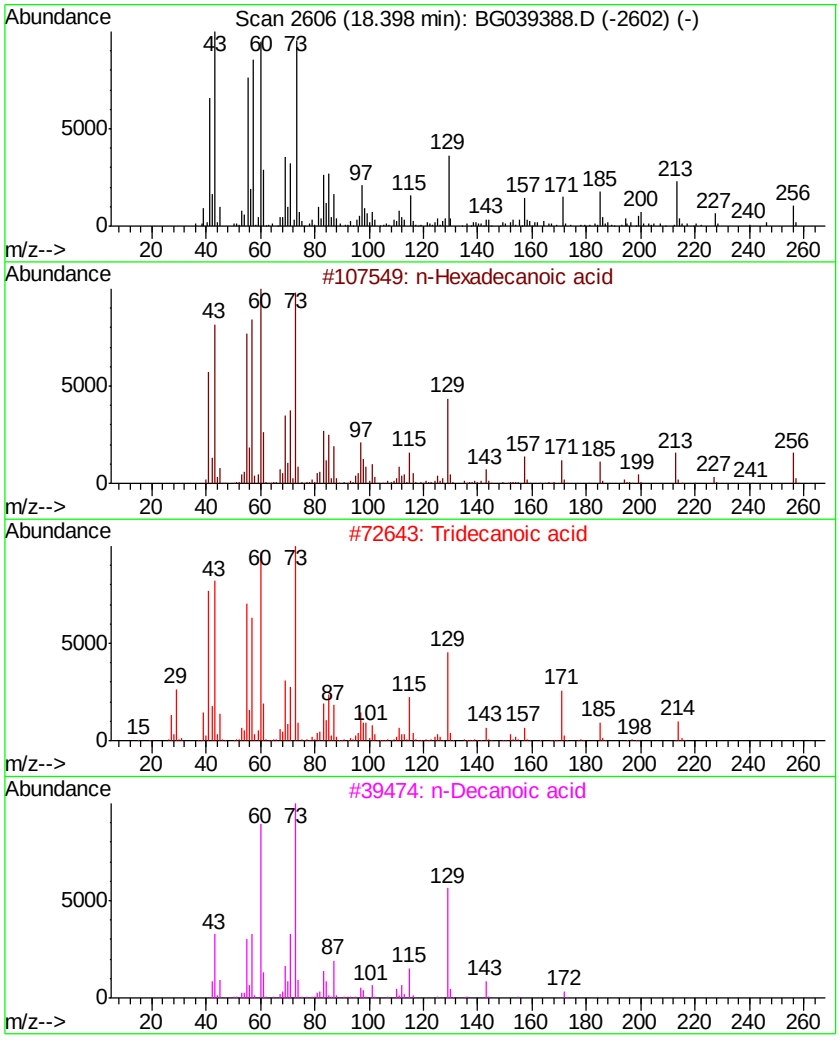
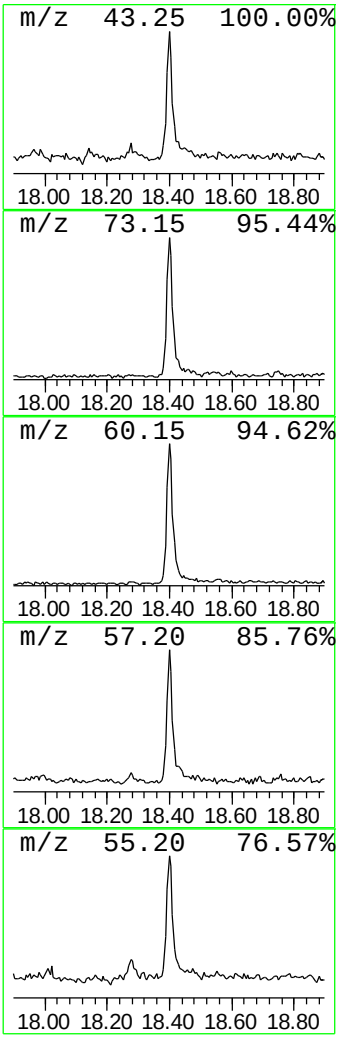
Peak Number 20 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	7.77 ng	314619	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	n-Decanoic acid	172	C10H20O2	000334-48-5	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.30	15.6	ng	257951	1	8.18	331621	20.0
Mesitylene	7.55	6.5	ng	107068	1	8.18	331621	20.0
unknown7.70	7.70	99.4	ng	1648600	1	8.18	331621	20.0
Benzene, 1,2,3-tr...	8.28	30.2	ng	501461	1	8.18	331621	20.0
Indane	8.55	38.0	ng	629207	1	8.18	331621	20.0
o-Cymene	9.28	19.6	ng	325807	1	8.18	331621	20.0
Benzene, 1,2,4,5-...	9.80	8.1	ng	257478	2	11.00	638202	20.0
Benzene, 2-etheny...	10.38	22.4	ng	715187	2	11.00	638202	20.0
unknown11.40	11.40	6.8	ng	218579	2	11.00	638202	20.0
4-Methylphenyl ac...	11.47	6.5	ng	209142	2	11.00	638202	20.0
Benzeneethanol, ...	11.80	12.6	ng	402342	2	11.00	638202	20.0
Benzene, 1,4-dime...	12.58	6.1	ng	195714	2	11.00	638202	20.0
2(1H)-Naphthaleno...	12.79	6.5	ng	209043	2	11.00	638202	20.0
2(3H)-Benzothiazo...	16.49	20.9	ng	846920	4	17.54	809873	20.0
n-Hexadecanoic acid	18.40	7.8	ng	314619	4	17.54	809873	20.0