LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

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-BG071519.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	3.196	13	18	35	rVB	323101	676343	15.33%	1.925%
2	5.552	412	419	423	rBV	88639	145339	3.29%	0.414%
3	5.611	423	429	437	rVV	1254572	2030750	46.02%	5.780%
4	5.682	437	441	452	rVB	82045	208521	4.73%	0.593%
5	6.052	494	504	513	rBV2	76866	157878	3.58%	0.449%
6	7.133	683	688	692	rBV2	62602	104558	2.37%	0.298%
7	7.198	692	699	707	rVV	1348627	2311288	52.38%	6.578%
8	7.268	707	711	719	rVB	58222	98778	2.24%	0.281%
9	7.438	733	740	746	rBV	24689	46298	1.05%	0.132%
10	7.574	753	763	773	rBV	1271774	2211398	50.11%	6.294%
11	7.697	777	784	795	rVB	117961	210912	4.78%	0.600%
12	8.044	836	843	854	rBV	371887	636236	14.42%	1.811%
13	8.167	858	864	871	rVB	35418	65054	1.47%	0.185%
14	8.367	887	898	904	rBV	967743	1709686	38.75%	4.866%
15	8.420	904	907	914	rVB	83700	142239	3.22%	0.405%
16	8.584	930	935	943	rVB2	42039	79377	1.80%	0.226%
17	9.195	1024	1039	1049	rBV	740167	1403380	31.80%	3.994%
18	9.900	1149	1159	1164	rBV2	23073	70103	1.59%	0.200%
19	10.852	1313	1321	1326	rBV	462374	879753	19.94%	2.504%
20	10.899	1326	1329	1335	rVB2	37567	59524	1.35%	0.169%
21	13.290	1725	1736	1745	rBV	1932633	3099118	70.23%	8.820%
22	14.107	1868	1875	1889	rBV	238487	378480	8.58%	1.077%
23	14.659	1962	1969	1983	rVB	833678	1293732	29.32%	3.682%
24	15.247	2060	2069	2079	rBV6	14362	55674	1.26%	0.158%
25	16.140	2214	2221	2229	rBV	1793541	2813905	63.77%	8.008%
26	16.434	2266	2271	2276	rVB2	46888	65880	1.49%	0.187%
27	17.280	2411	2415	2419	rVB	48522	66429	1.51%	0.189%
28	17.397	2428	2435	2440	rBV	1009861	1578335	35.77%	4.492%
29	17.609	2467	2471	2478	rVB	44024	61391	1.39%	0.175%
30	18.102	2547	2555	2561	rVB2	32035	72316	1.64%	0.206%
31	18.285	2578	2586	2605	rBV3	293049	839654	19.03%	2.390%
32	19.013	2706	2710	2714	rVB3	54480	78331	1.78%	0.223%
33	19.142	2728	2732	2735	rVB	45588	60055	1.36%	0.171%
34	19.436	2777	2782	2787	rBV2	89016	160271	3.63%	0.456%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

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-BG071519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.501	2788	2793	2797	rBV	272234	367801	8.34%	1.047%
36	19.554	2797	2802	2819	rVV2	300322	624421	14.15%	1.777%
37	19.800	2841	2844	2850	rVB2	80269	123836	2.81%	0.352%
38	20.000	2872	2878	2884	rVB	3318266	4412651	100.00%	12.559%
39	20.212	2910	2914	2919	rVB	476346	615964	13.96%	1.753%
40	21.316	3098	3102	3121	rBV3	137366	433121	9.82%	1.233%
41	21.645	3151	3158	3164	rBV2	1125236	1894394	42.93%	5.392%
42	21.857	3190	3194	3201	rVB3	74796	125775	2.85%	0.358%
43	22.468	3293	3298	3306	rVB	139586	228962	5.19%	0.652%
44	23.161	3411	3416	3424	rVB2	116590	232778	5.28%	0.662%
45	23.966	3548	3553	3560	rVB2	143205	300343	6.81%	0.855%
46	24.836	3692	3701	3710	rBV2	688066	1905472	43.18%	5.423%

Sum of corrected areas: 35136504

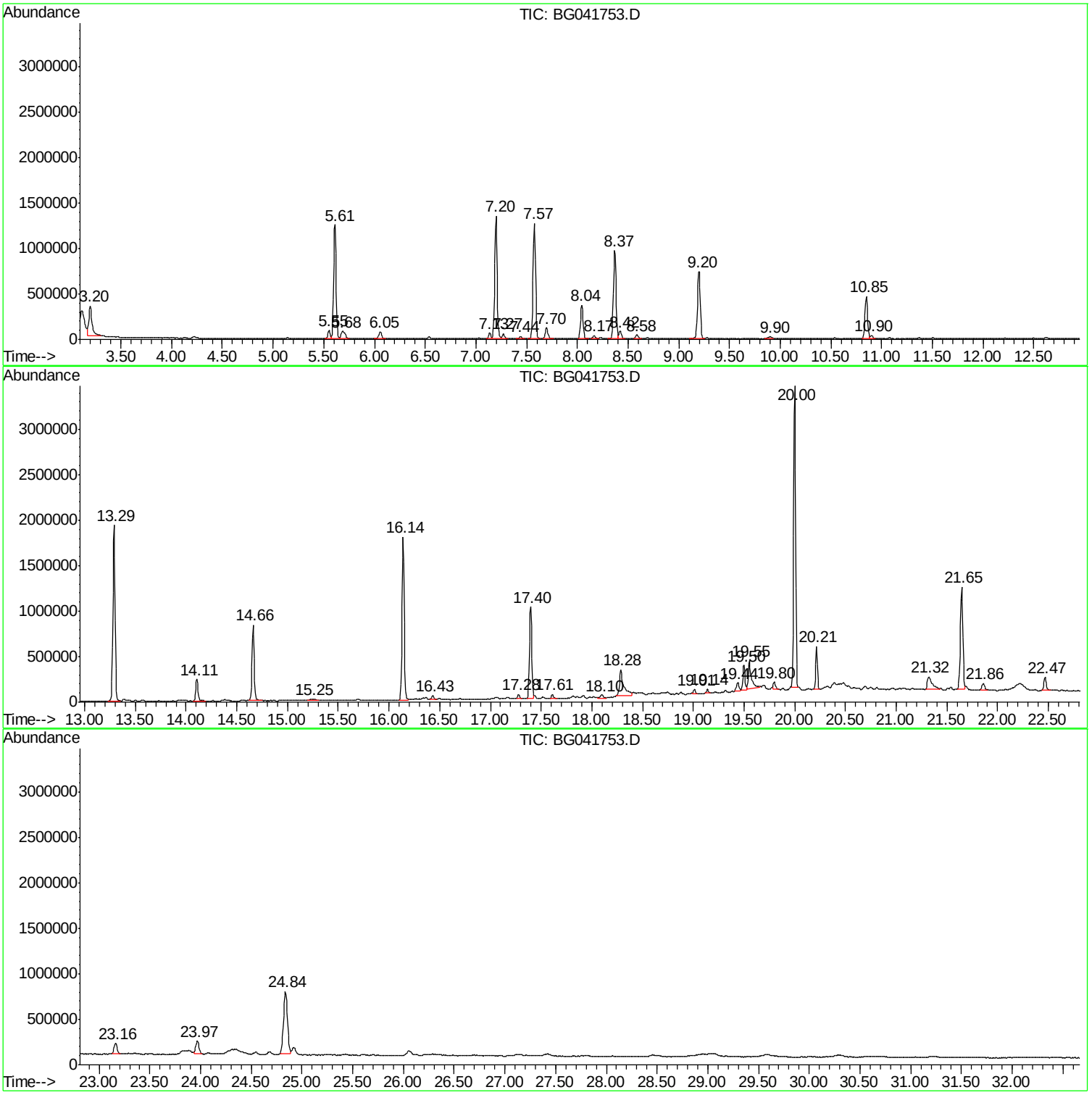
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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\BG072319\
Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

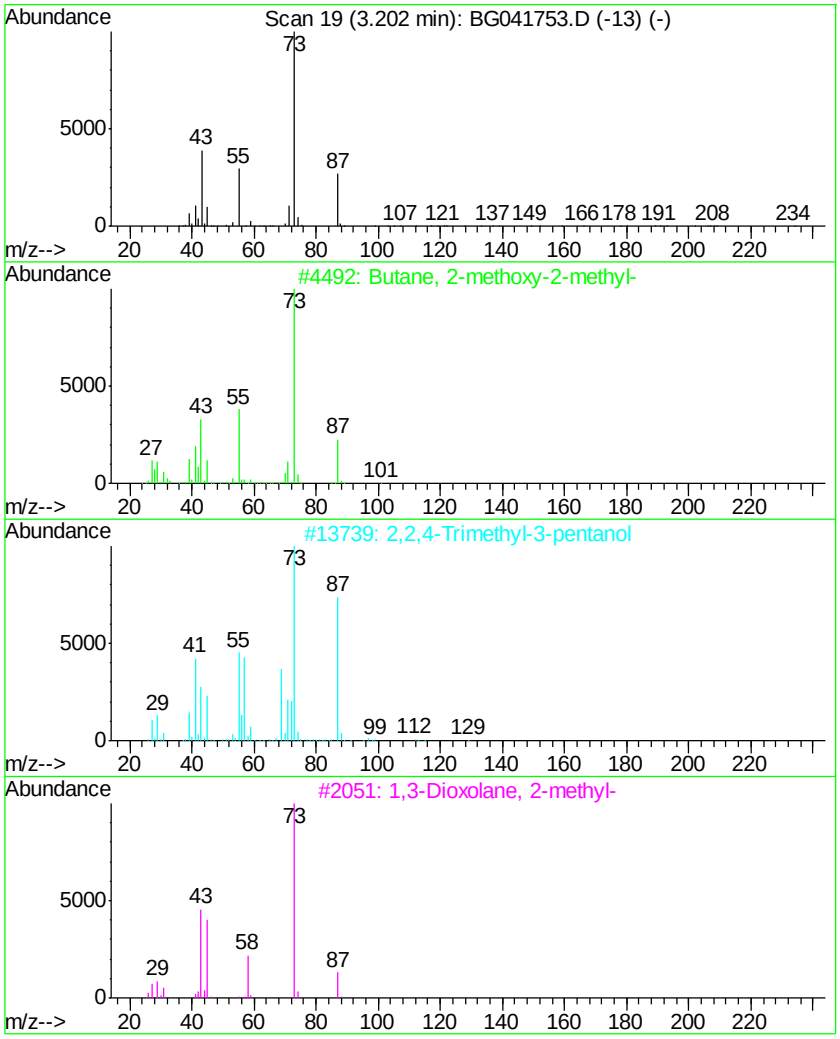
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

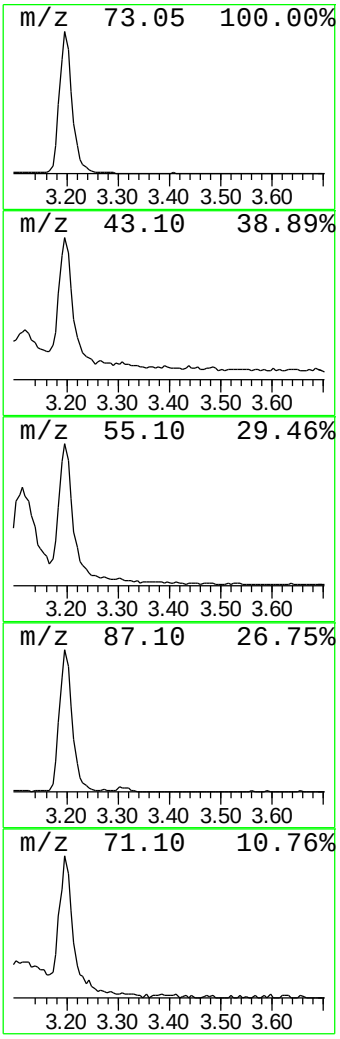
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	21.26 ng	676343	1,4-Dichlorobenzene-d4	8.04

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

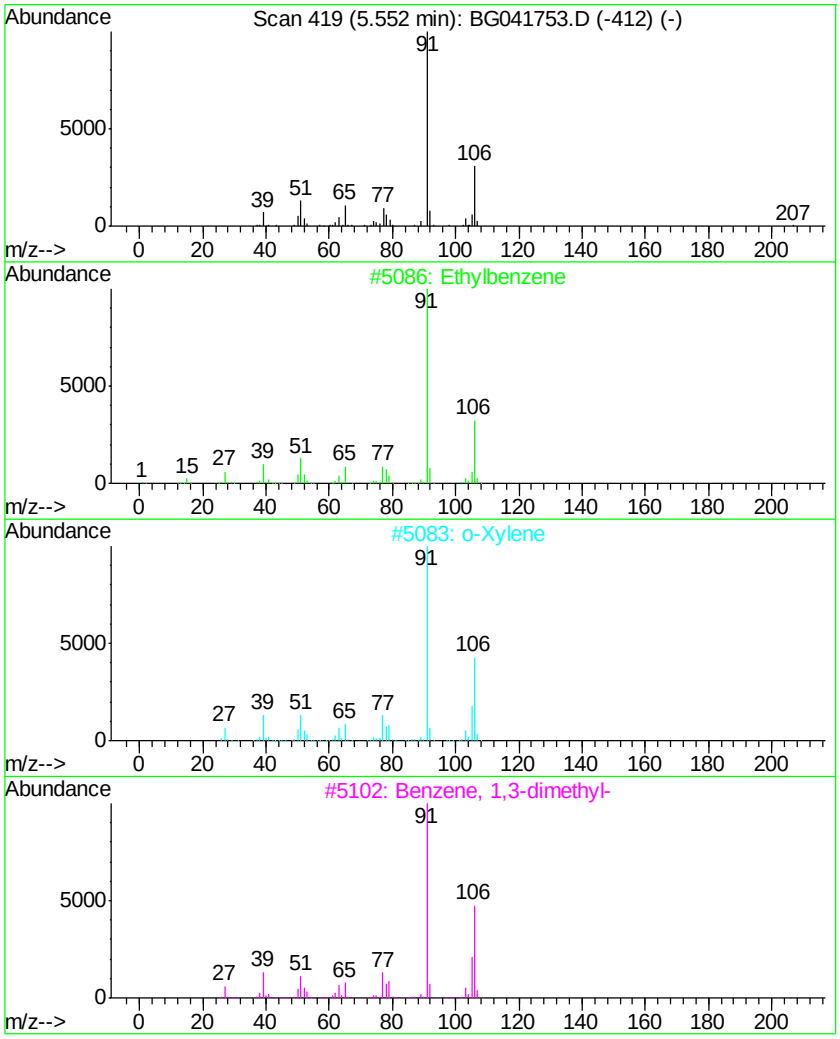
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

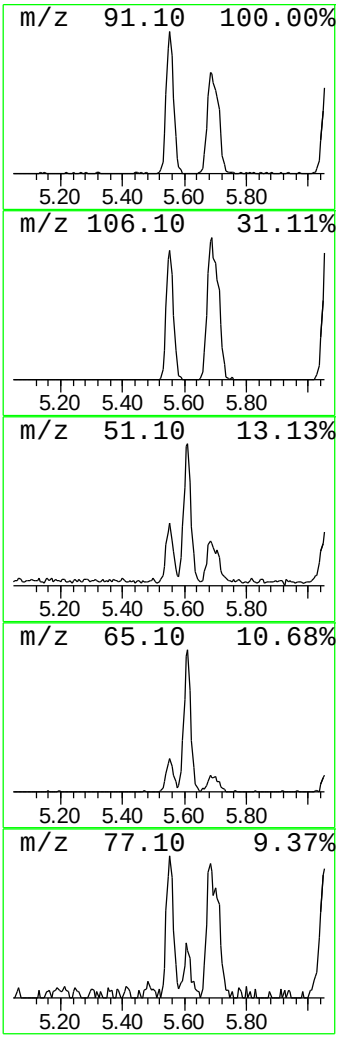
****

Peak Number 2 Ethylbenzene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	4.57 ng	145339	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	o-Xylene	106	C8H10	000095-47-6	91
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	81
4	p-Xylene	106	C8H10	000106-42-3	81
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

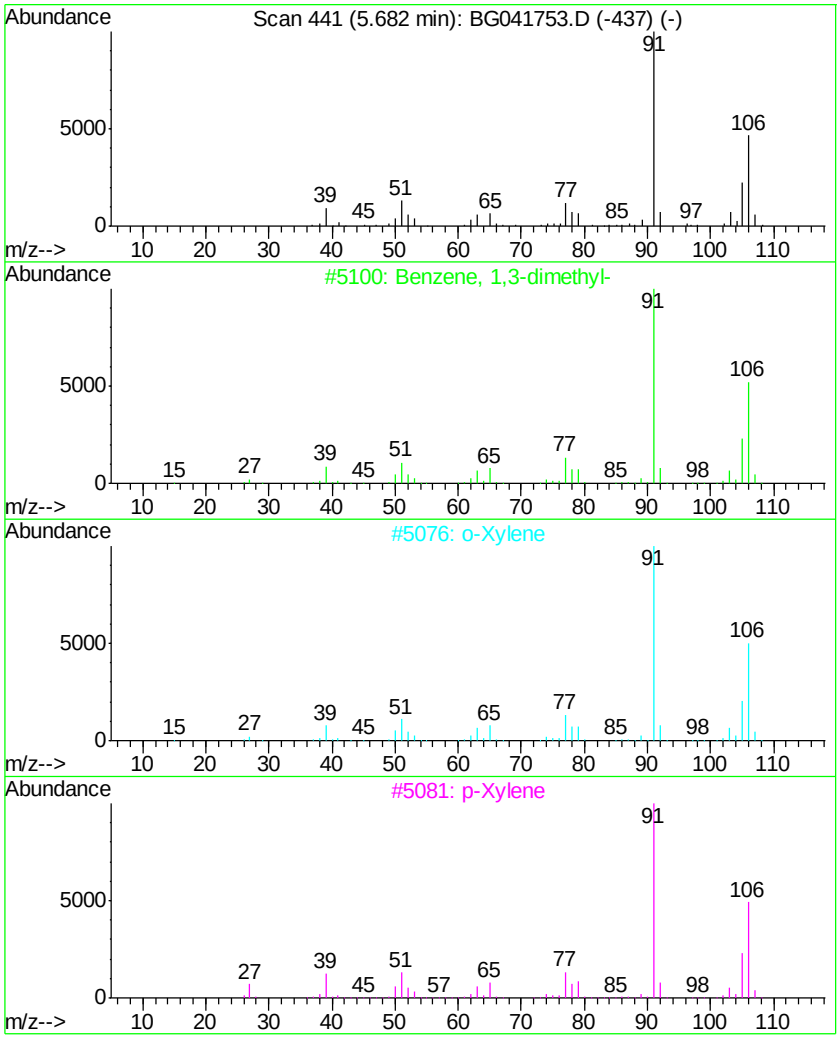
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

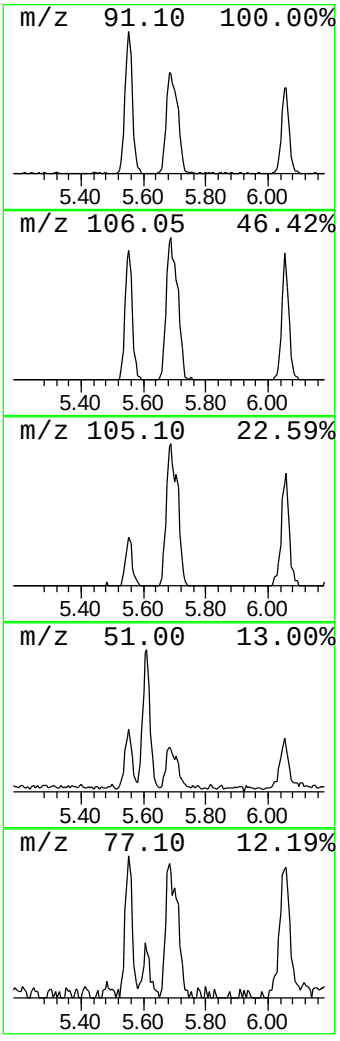
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	6.55 ng	208521	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

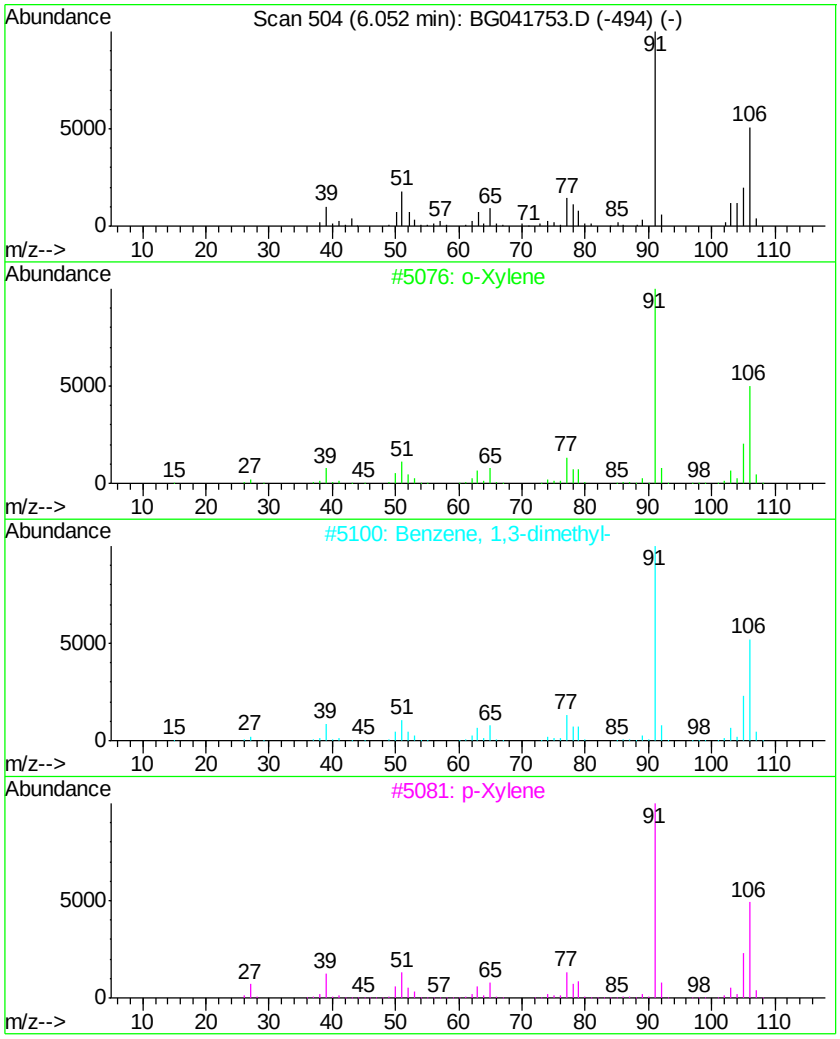
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

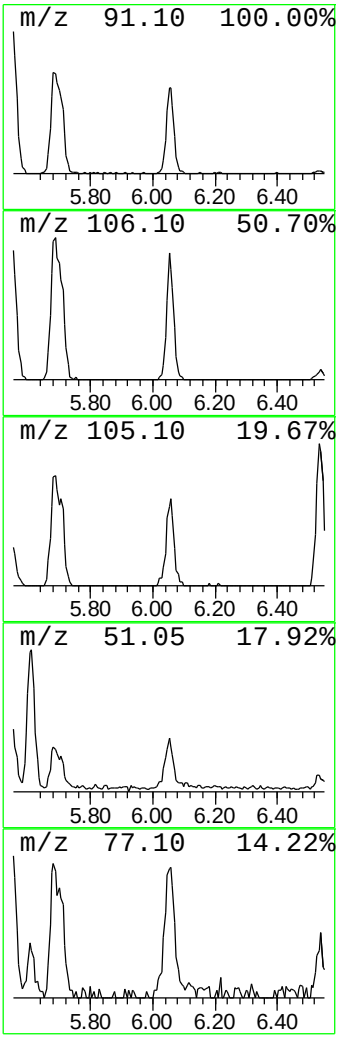
****

Peak Number 4 o-Xylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	4.96 ng	157878	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	93
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90
3	p-Xylene	106	C8H10	000106-42-3	90
4	Ethylbenzene	106	C8H10	000100-41-4	68
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

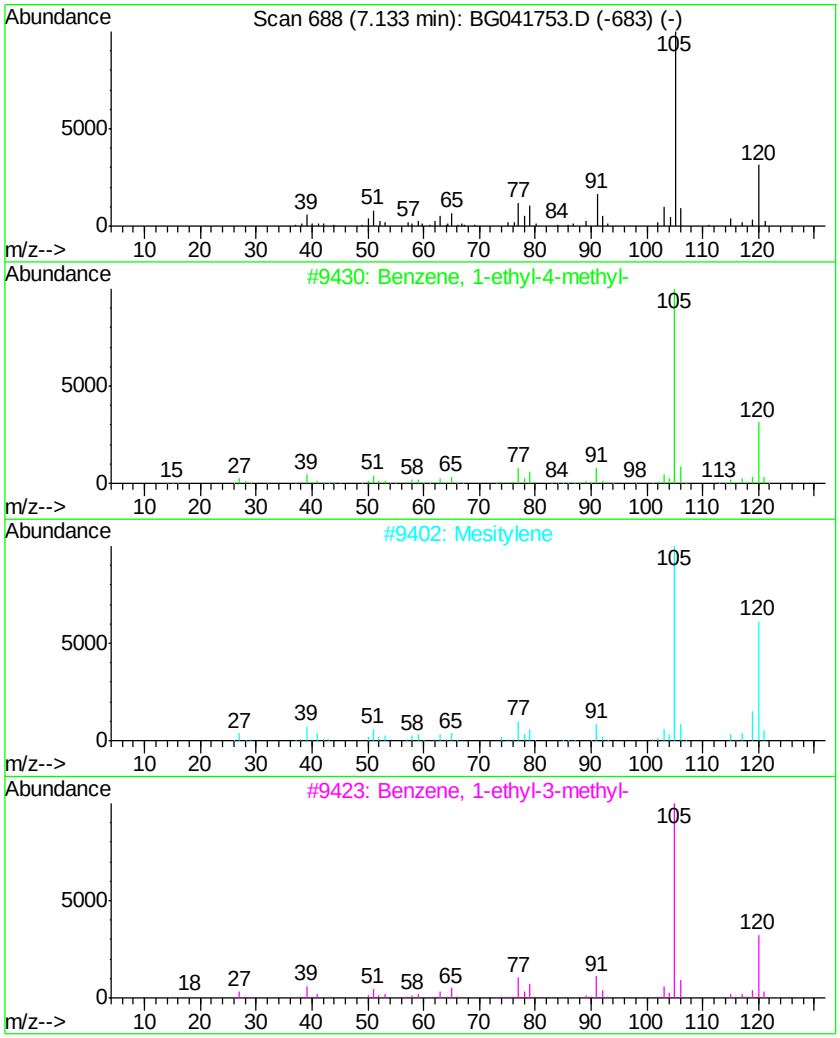
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

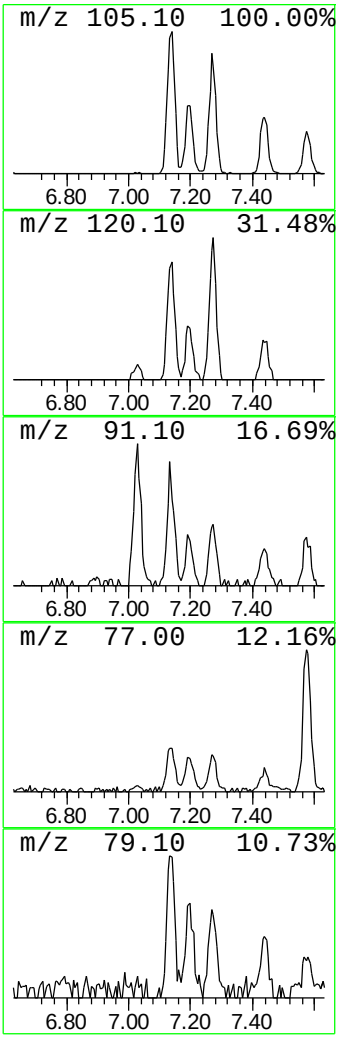
****

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	3.29 ng	104558	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

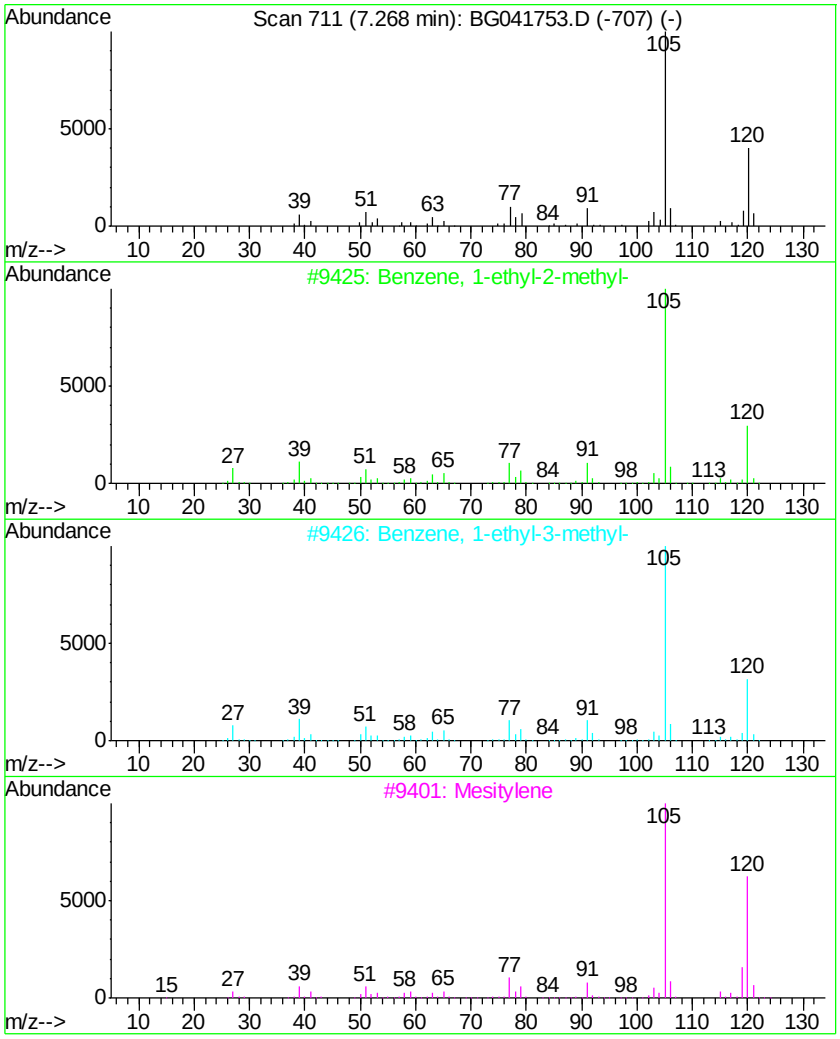
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

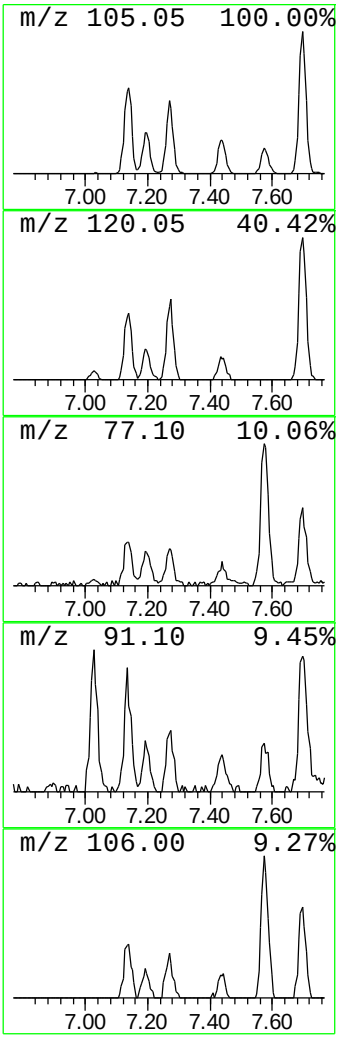
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	3.11 ng	98778	1,4-Dichlorobenzene-d4	8.04

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

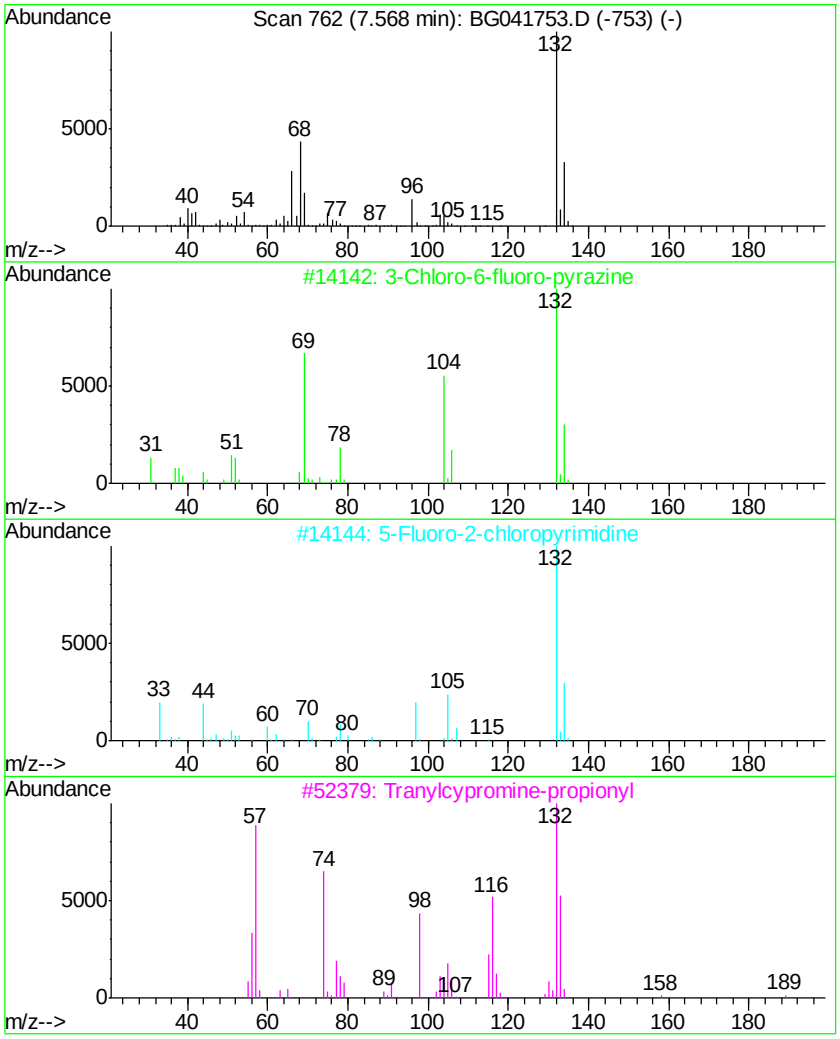
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

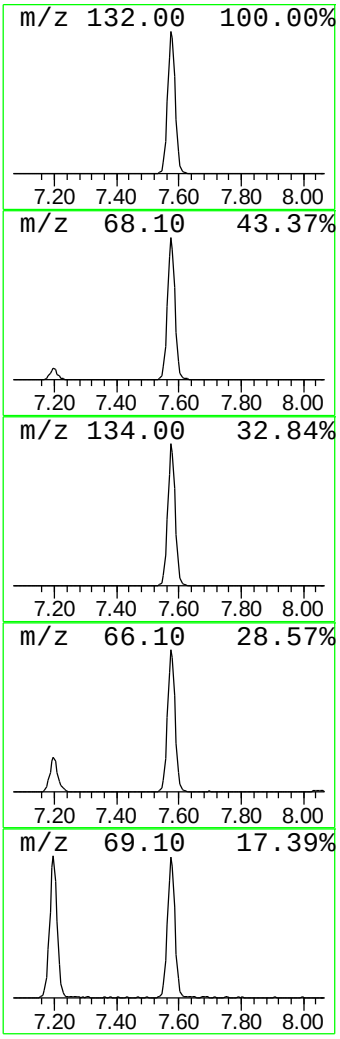
****

Peak Number 7 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	69.52 ng	2211400	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	Amphetaminil	250	C17H18N2	017590-01-1	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

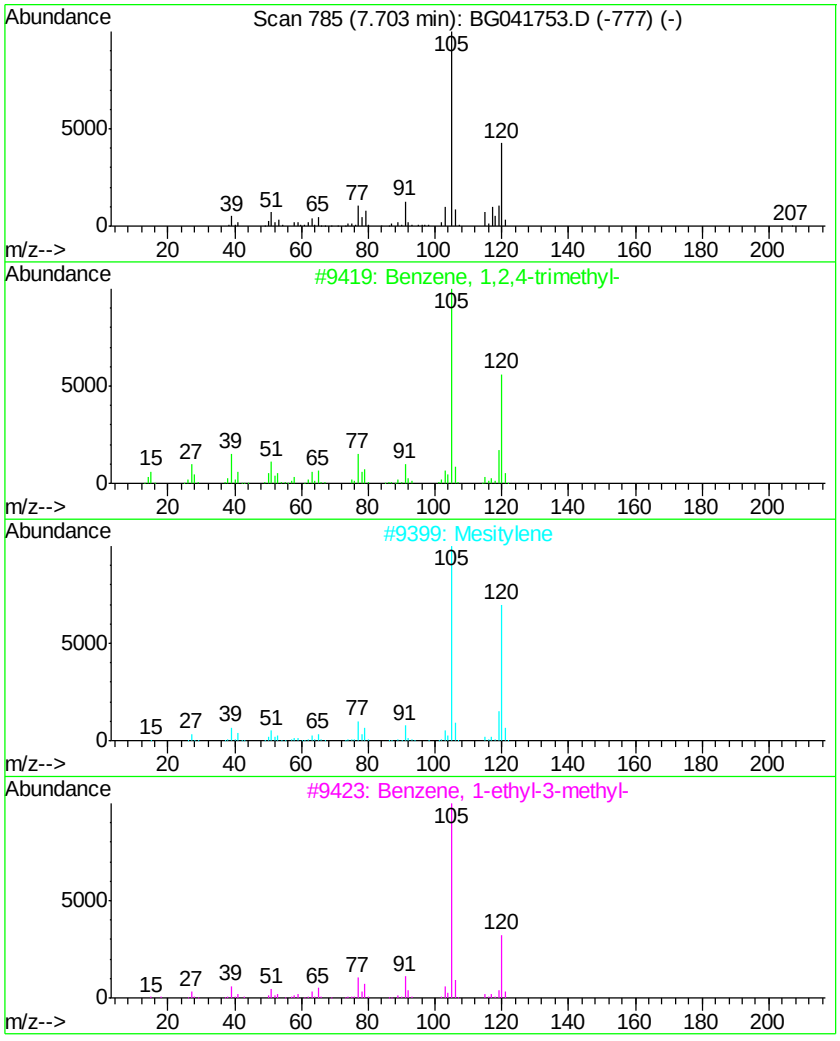
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

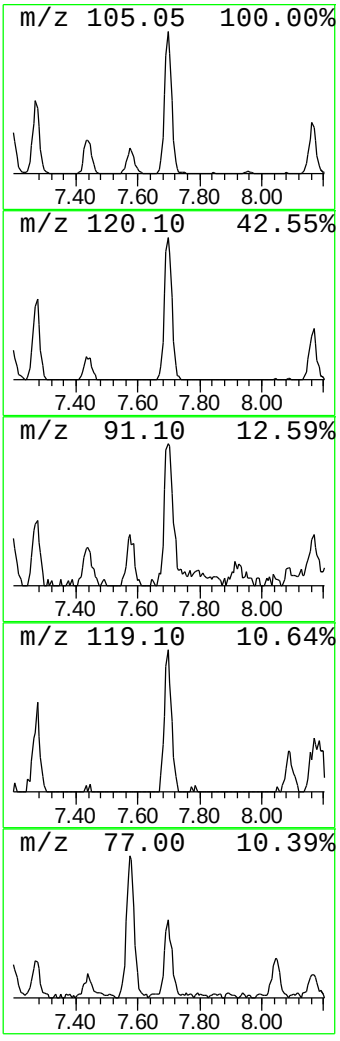
****

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	6.63 ng	210912	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Library Search Compound Report

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Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

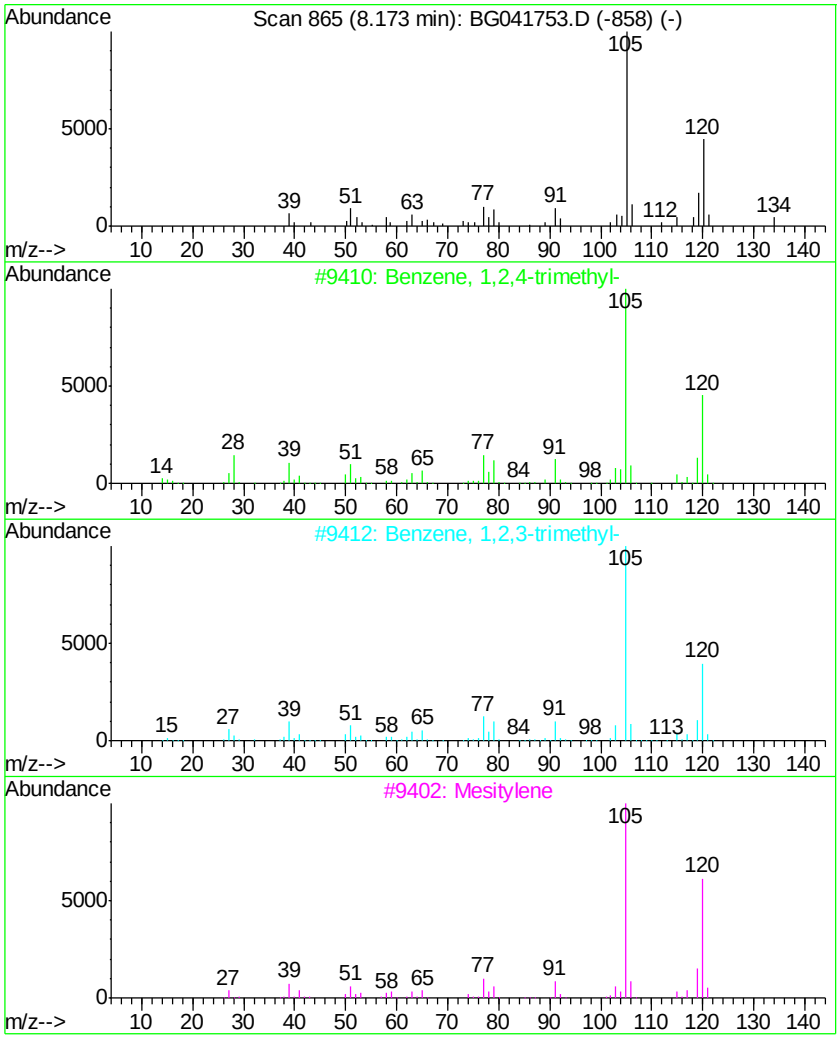
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

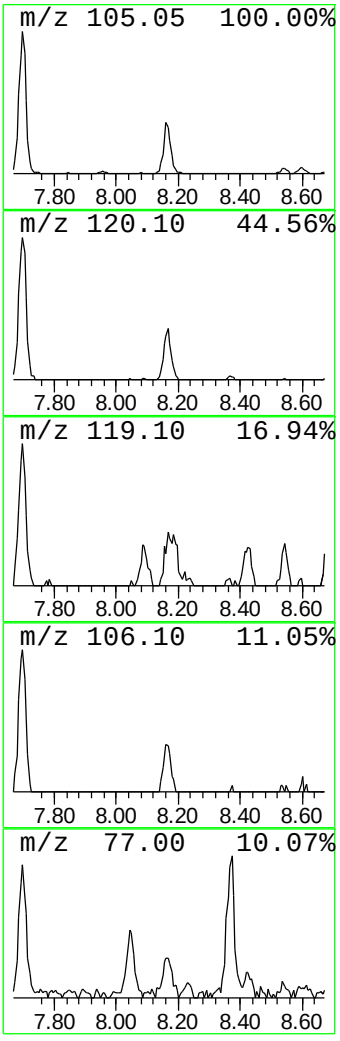
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.04 ng	65054	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





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Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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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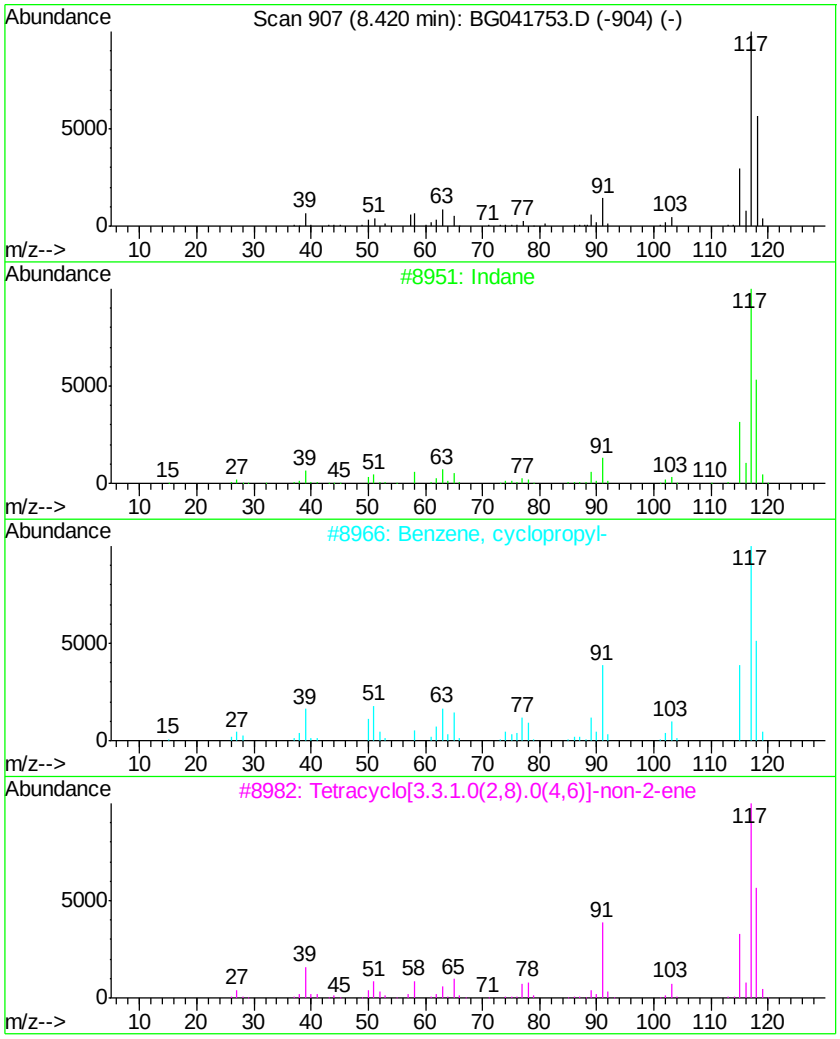
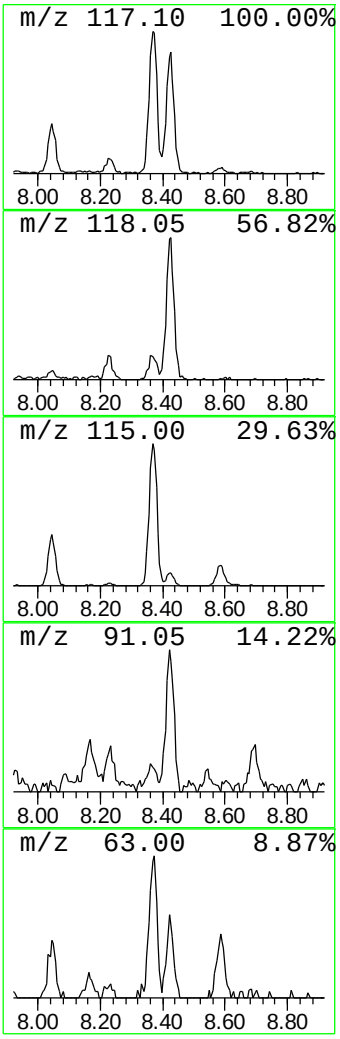
Peak Number 11 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	4.47 ng	142239	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	59
5	Deltacyclene	118	C9H10	007785-10-6	53





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Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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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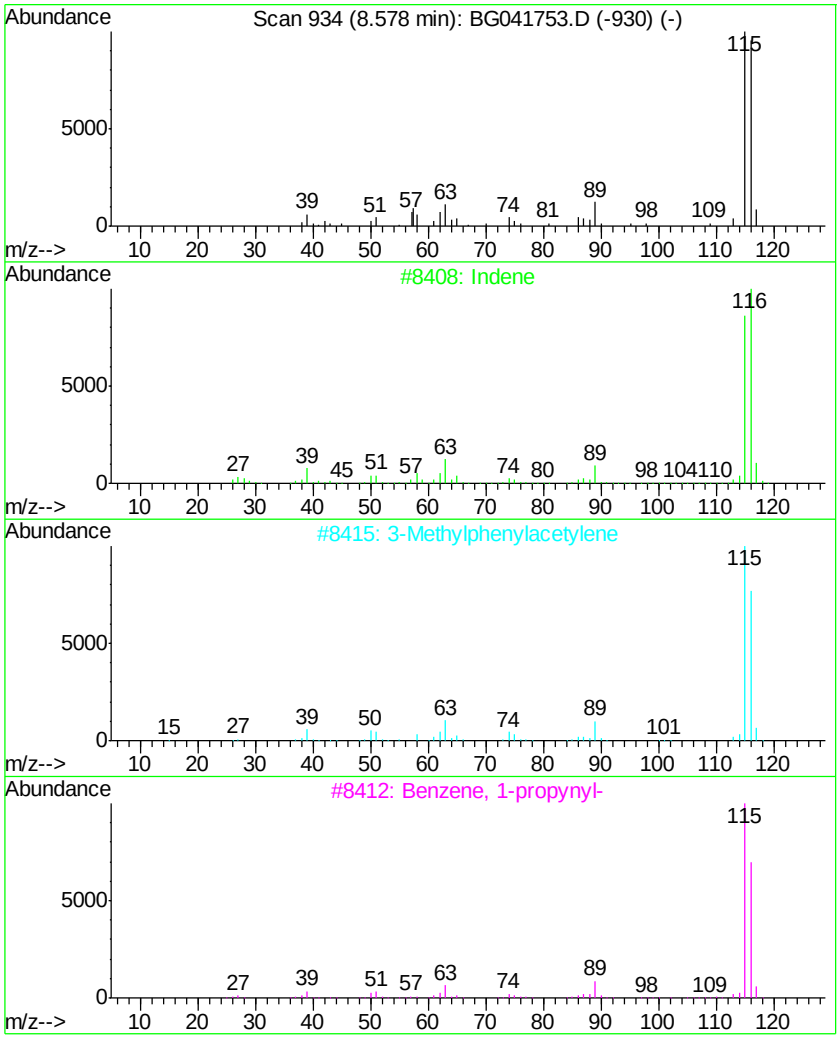
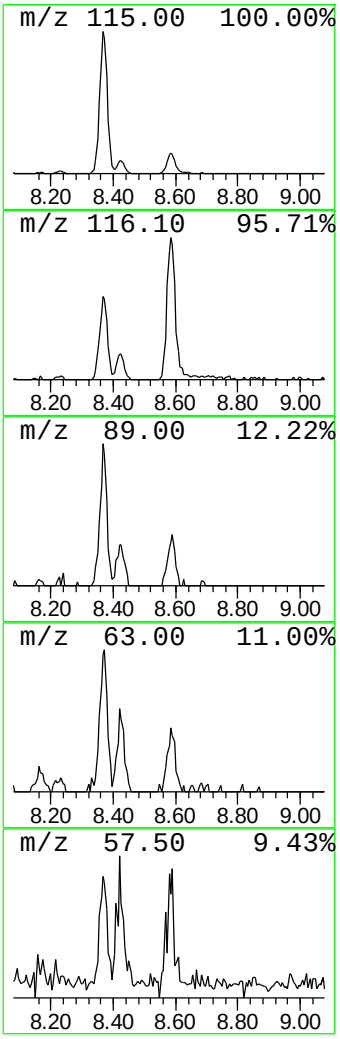
Peak Number 12 Benzene, 1-propynyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	2.50 ng	79377	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	86
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	83





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

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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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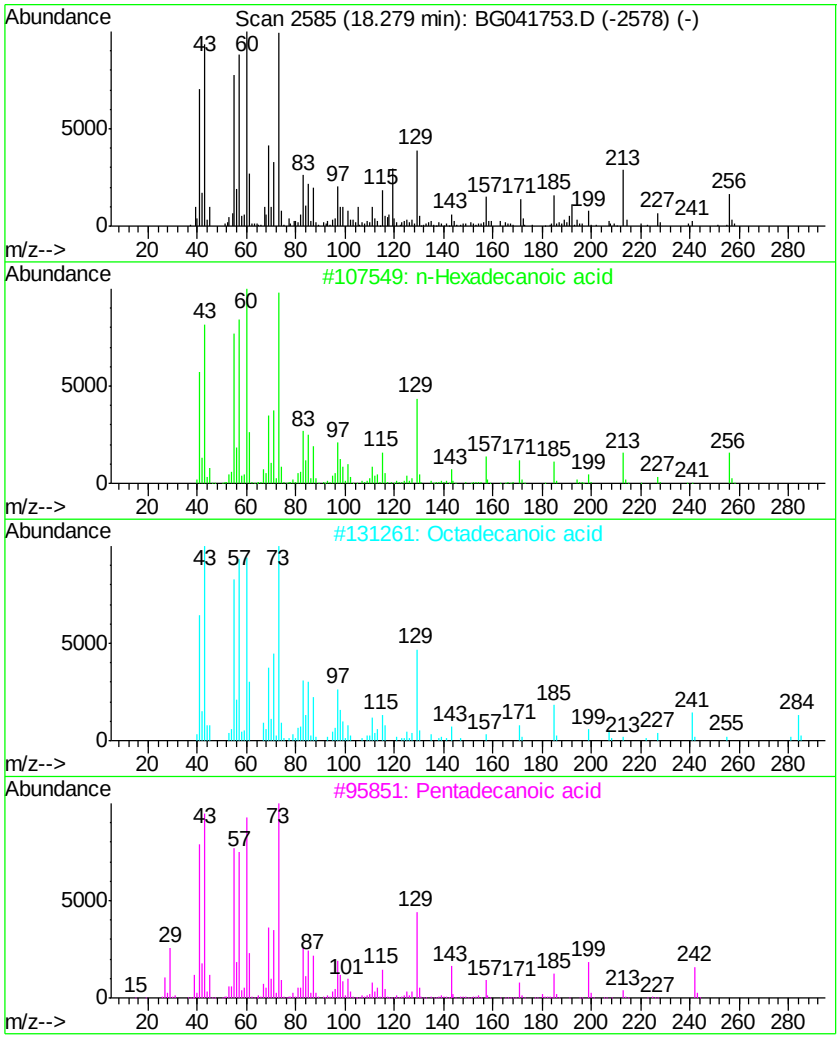
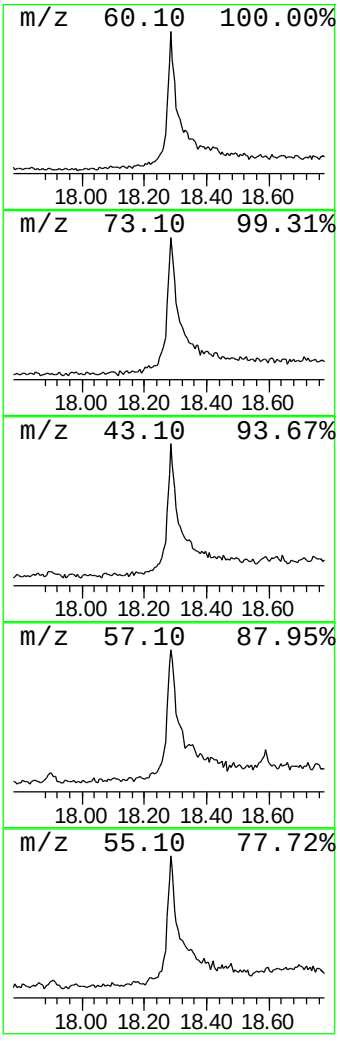
Peak Number 13 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	10.64 ng	839654	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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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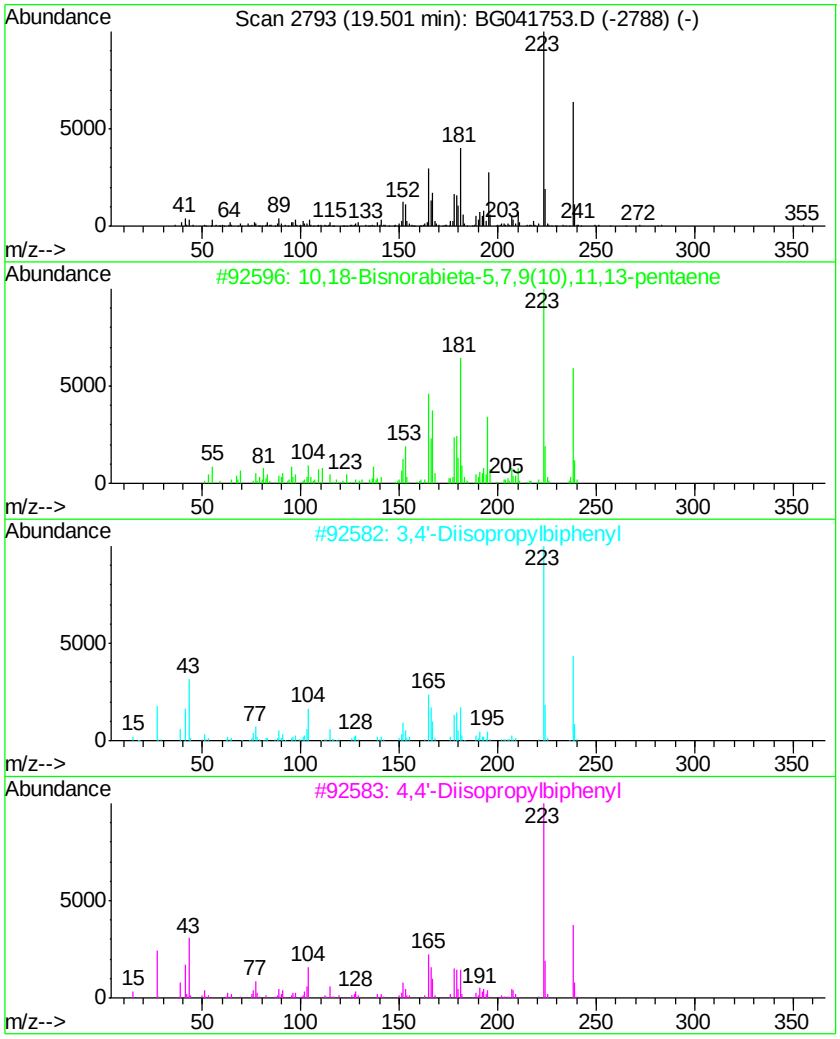
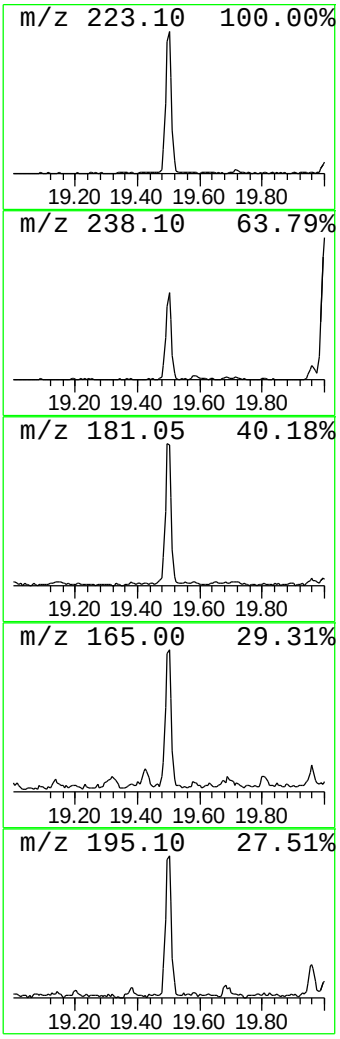
Peak Number 14 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	4.66 ng	367801	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	98
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
4	2,4-Imidazolidinedione, 1-methyl...	266	C16H14N2O2	006859-11-6	47
5	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	47





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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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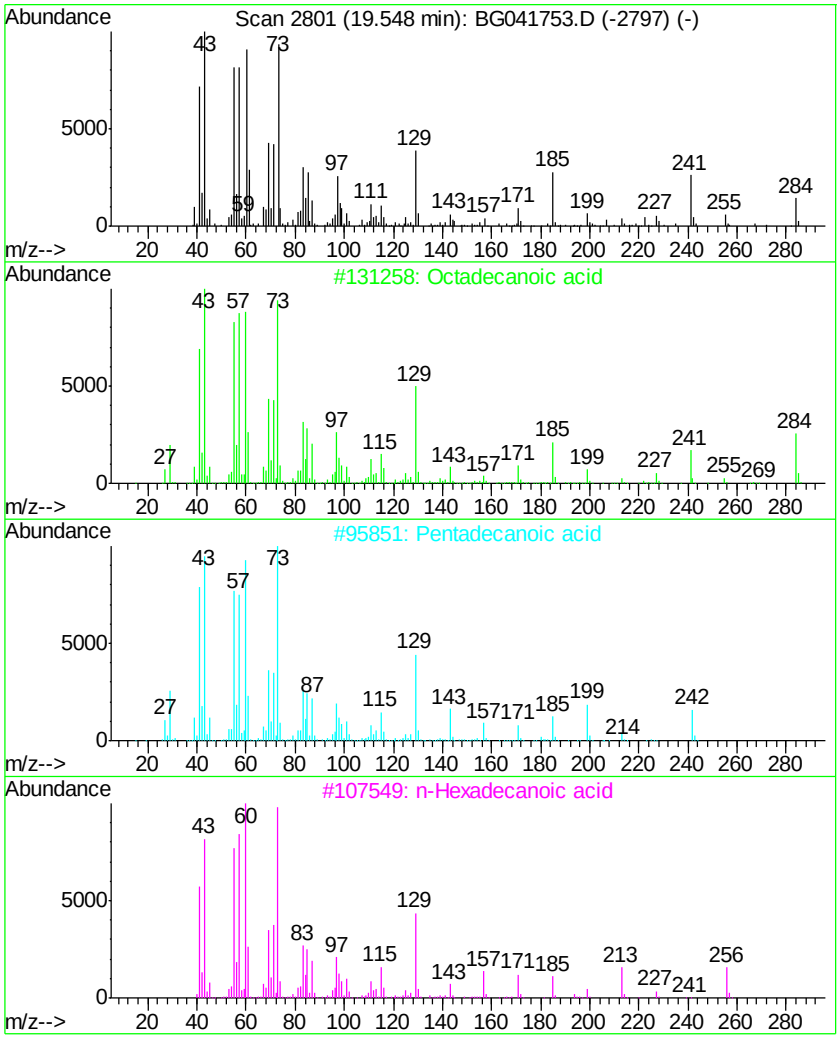
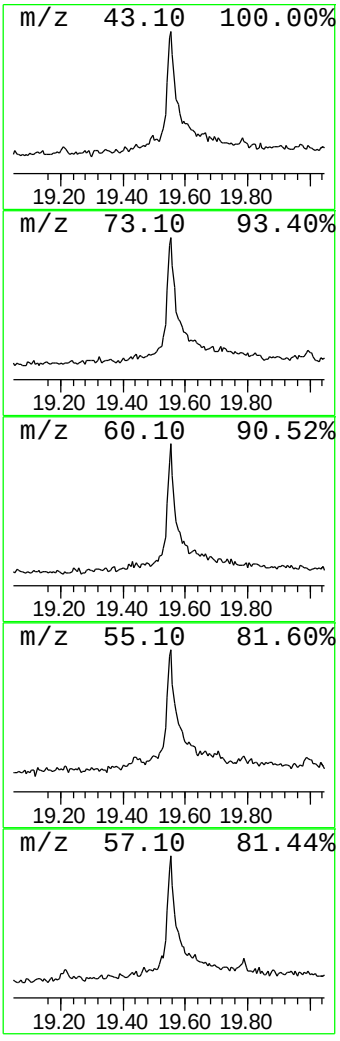
Peak Number 15 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	6.59 ng	624421	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Library Search Compound Report

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Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

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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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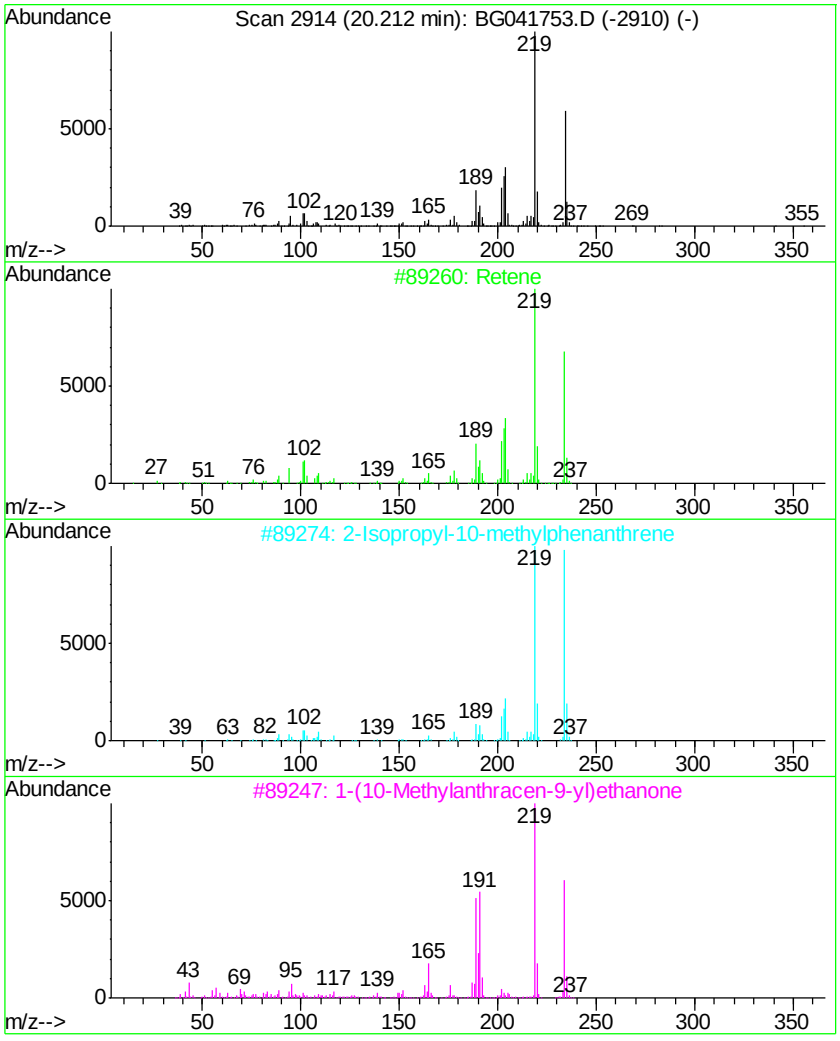
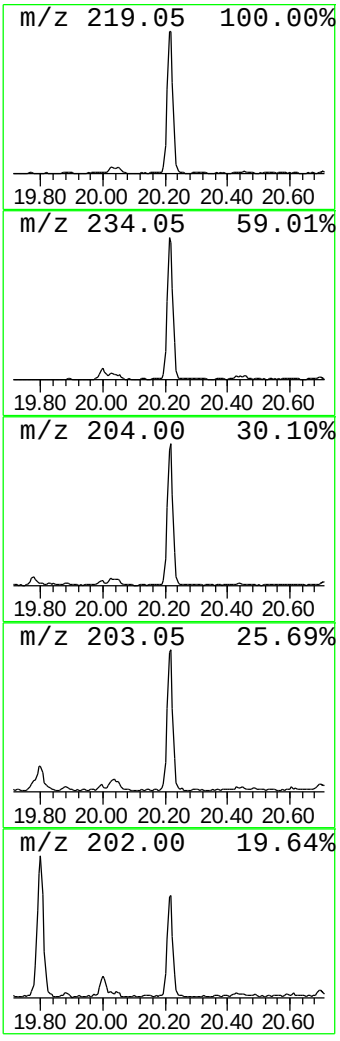
Peak Number 16 Retene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	6.50 ng	615964	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	58
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	52
5	Benzene, 1,3-bis(1,1-dimethyleth...	234	C16H26O	001518-53-2	50





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

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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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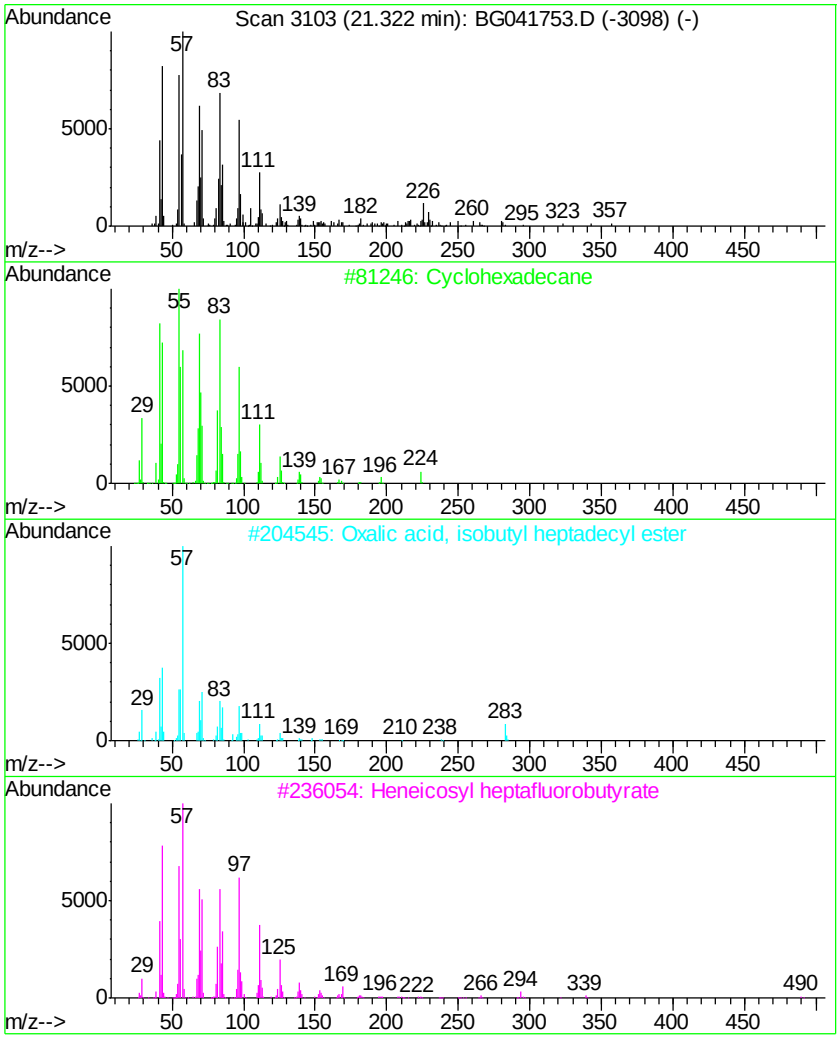
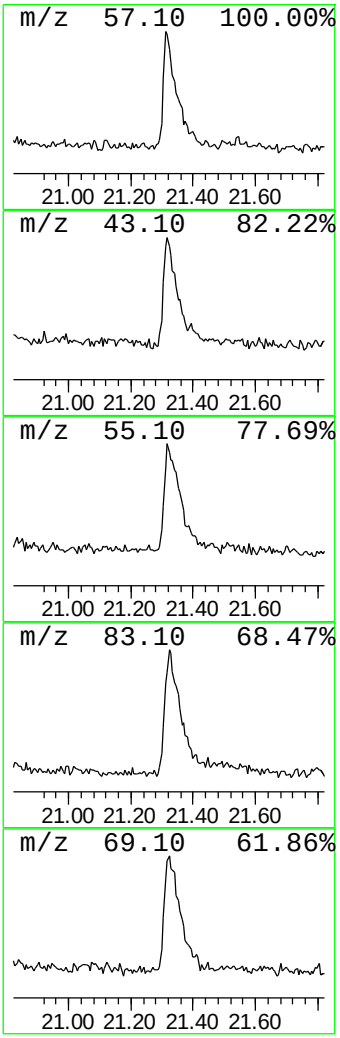
Peak Number 17 Cyclohexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.57 ng	433121	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	87
2	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
4	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	87
5	Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	86





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

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TIC Library : C:\Database\NIST11.L
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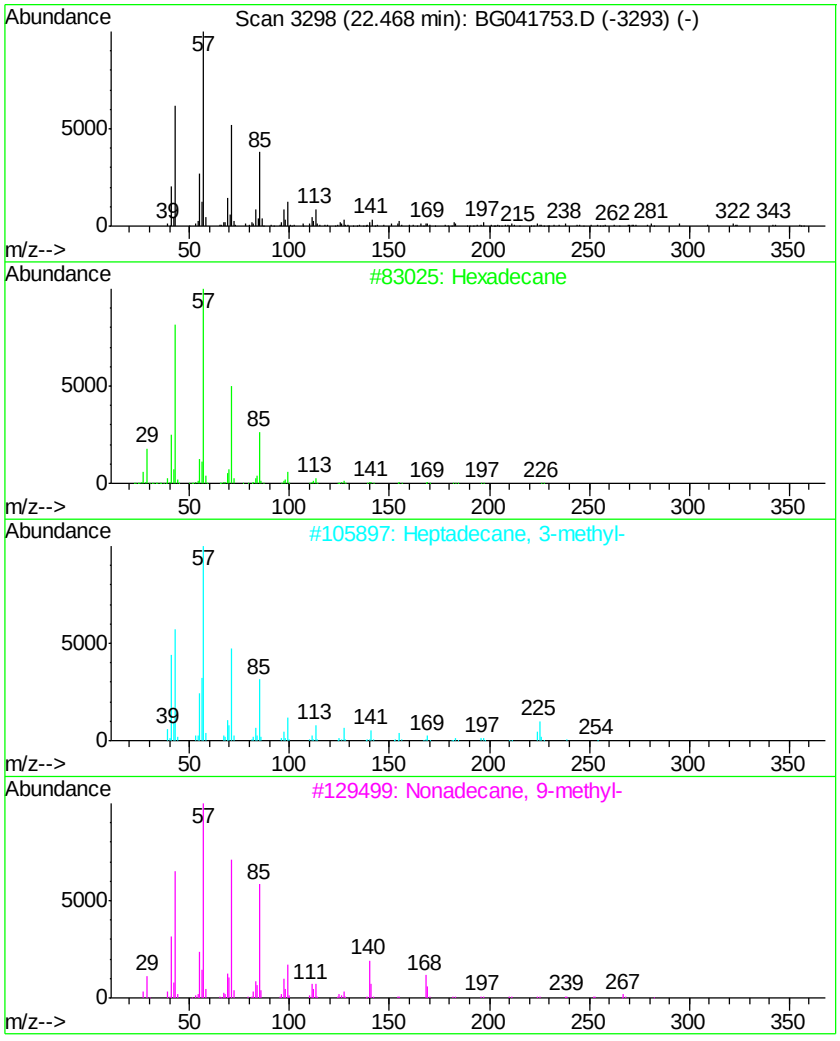
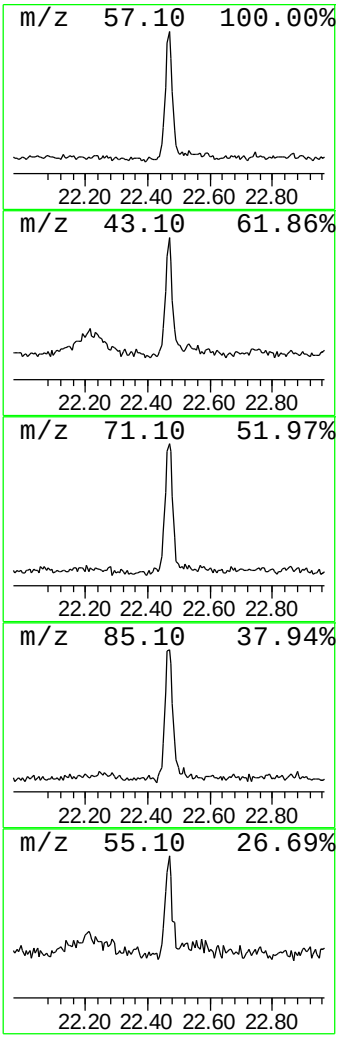
Peak Number 18 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	2.42 ng	228962	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	87
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Heptacosane	380	C27H56	000593-49-7	83





Library Search Compound Report

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Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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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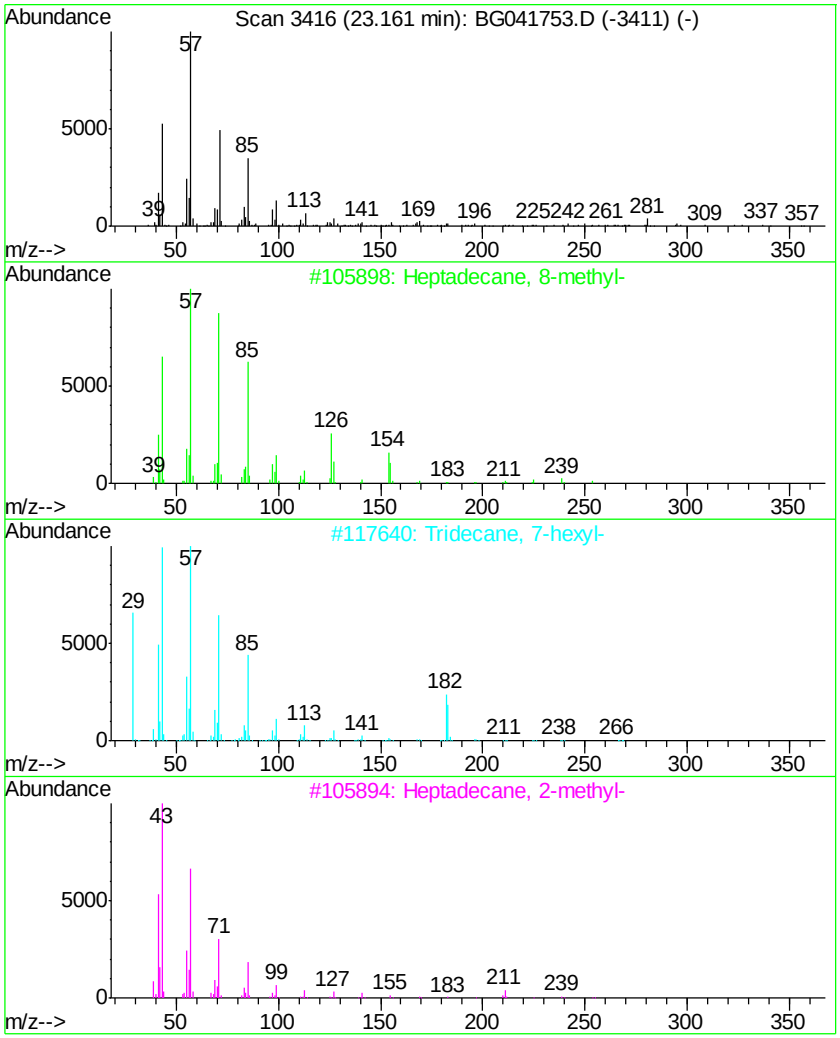
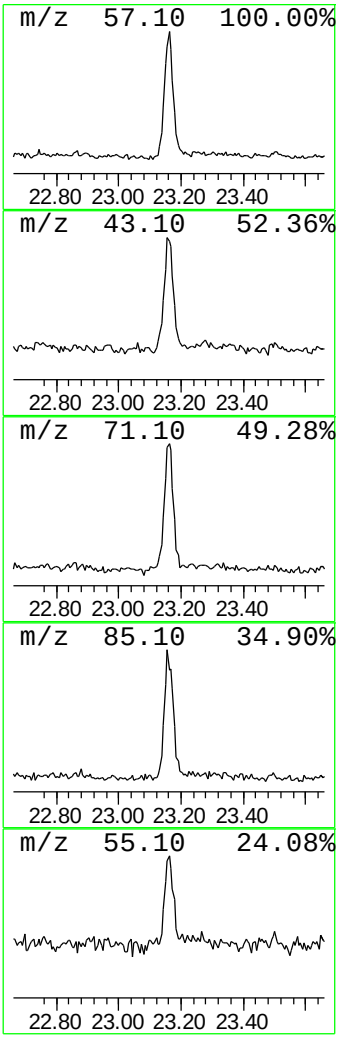
Peak Number 19 Heptadecane, 8-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	2.46 ng	232778	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	89
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Octacosane	394	C28H58	000630-02-4	81





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Instrument : BNA_G
ClientSampleId : TP-2S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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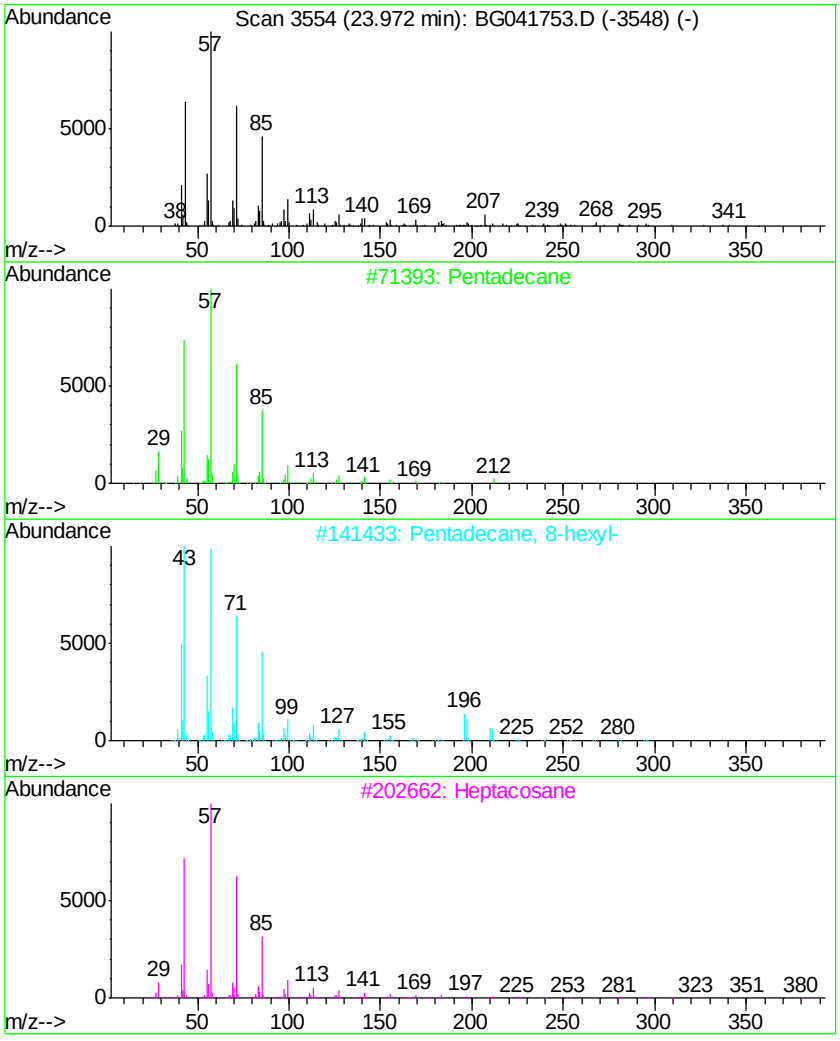
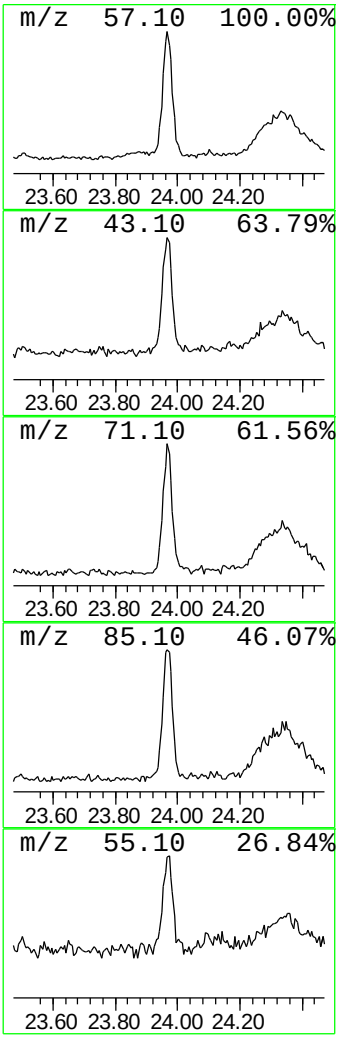
Peak Number 20 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.15 ng	300343	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Heptacosane	380	C27H56	000593-49-7	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Eicosane	282	C20H42	000112-95-8	83





Tentatively Identified Compound (LSC) summary

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Data File : BG041753.D
Acq On : 23 Jul 2019 12:27
Operator : HP/JU
Sample : K3934-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2S

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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
Butane, 2-methoxy...	3.20	21.3	ng	676343	1	8.04	636236	20.0
Ethylbenzene	5.55	4.6	ng	145339	1	8.04	636236	20.0
Benzene, 1,3-dime...	5.68	6.5	ng	208521	1	8.04	636236	20.0
o-Xylene	6.05	5.0	ng	157878	1	8.04	636236	20.0
Benzene, 1-ethyl-...	7.13	3.3	ng	104558	1	8.04	636236	20.0
Benzene, 1-ethyl-...	7.27	3.1	ng	98778	1	8.04	636236	20.0
unknown7.57	7.57	69.5	ng	2211400	1	8.04	636236	20.0
Benzene, 1,2,4-tr...	7.70	6.6	ng	210912	1	8.04	636236	20.0
Benzene, 1,2,3-tr...	8.17	2.0	ng	65054	1	8.04	636236	20.0
Indane	8.42	4.5	ng	142239	1	8.04	636236	20.0
Benzene, 1-propynyl-	8.58	2.5	ng	79377	1	8.04	636236	20.0
n-Hexadecanoic acid	18.28	10.6	ng	839654	4	17.40	1578340	20.0
10,18-Bisnorabiet...	19.50	4.7	ng	367801	4	17.40	1578340	20.0
Octadecanoic acid	19.55	6.6	ng	624421	5	21.65	1894390	20.0
Retene	20.21	6.5	ng	615964	5	21.65	1894390	20.0
Cyclohexadecane	21.32	4.6	ng	433121	5	21.65	1894390	20.0
Hexadecane	22.47	2.4	ng	228962	5	21.65	1894390	20.0
Heptadecane, 8-me...	23.16	2.5	ng	232778	5	21.65	1894390	20.0
Pentadecane	23.97	3.1	ng	300343	6	24.84	1905470	20.0