LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048732.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.535	369	374	383	rVB4	15219	27112	1.38%	0.251%
2	5.629	383	390	400	rVB	195158	324253	16.56%	3.006%
3	6.545	540	546	552	rBV2	19459	32660	1.67%	0.303%
4	7.045	623	631	638	rBV2	22068	37815	1.93%	0.351%
5	7.121	638	644	647	rBV3	10422	20454	1.04%	0.190%
6	7.238	655	664	678	rVB3	128835	313315	16.00%	2.904%
7	7.462	696	702	710	rVB	36818	59049	3.02%	0.547%
8	7.720	739	746	755	rVB	286028	482209	24.62%	4.470%
9	8.079	798	807	812	rBV	84670	149609	7.64%	1.387%
10	8.190	821	826	833	rVB2	73434	120043	6.13%	1.113%
11	8.261	833	838	842	rBV3	28047	43238	2.21%	0.401%
12	8.572	886	891	896	rVB3	38764	64129	3.27%	0.594%
13	8.719	907	916	923	rBV5	30873	60675	3.10%	0.562%
14	8.895	939	946	954	rVB5	13484	29482	1.51%	0.273%
15	9.030	961	969	974	rBV3	37818	65448	3.34%	0.607%
16	9.089	974	979	985	rVB	16076	25282	1.29%	0.234%
17	9.189	991	996	1001	rBV2	70942	123624	6.31%	1.146%
18	9.254	1001	1007	1018	rVB	304371	567884	29.00%	5.264%
19	9.354	1018	1024	1038	rBV5	24512	65389	3.34%	0.606%
20	9.524	1048	1053	1059	rBV2	15519	22214	1.13%	0.206%
21	9.718	1080	1086	1091	rBV	45352	70048	3.58%	0.649%
22	9.783	1091	1097	1103	rVV3	35096	63354	3.24%	0.587%
23	9.853	1103	1109	1118	rVB5	16930	31067	1.59%	0.288%
24	10.147	1154	1159	1165	rVB	21361	31685	1.62%	0.294%
25	10.323	1177	1189	1196	rBV3	123097	334753	17.09%	3.103%
26	10.399	1196	1202	1206	rBV2	77662	155934	7.96%	1.445%
27	10.599	1231	1236	1242	rVB5	18247	28918	1.48%	0.268%
28	10.905	1282	1288	1292	rBV	93255	172613	8.81%	1.600%
29	10.958	1292	1297	1304	rVB	201389	361519	18.46%	3.351%
30	11.569	1398	1401	1407	rVB7	11973	19930	1.02%	0.185%
31	12.567	1566	1571	1577	rVB7	11009	22898	1.17%	0.212%
32	12.785	1597	1608	1615	rVB	149592	259348	13.24%	2.404%
33	12.855	1615	1620	1626	rVB5	22015	38383	1.96%	0.356%
34	13.355	1698	1705	1713	rBV	770410	1190456	60.79%	11.035%
35	13.572	1735	1742	1745	rBV5	11344	20615	1.05%	0.191%
36	14.177	1839	1845	1849	rBV2	17485	24182	1.23%	0.224%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.254	1853	1858	1868	rBV9	21190	39711	2.03%	0.368%
38	14.377	1874	1879	1886	rBV5	10393	20688	1.06%	0.192%
39	14.736	1934	1940	1946	rVV	166278	258665	13.21%	2.398%
40	16.228	2188	2194	2203	rBV	665122	1035956	52.90%	9.603%
41	16.428	2220	2228	2232	rBV7	27442	64128	3.27%	0.594%
42	16.580	2248	2254	2257	rBV4	16985	27916	1.43%	0.259%
43	17.139	2346	2349	2354	rVB3	14341	19935	1.02%	0.185%
44	17.491	2403	2409	2414	rBV	227771	352466	18.00%	3.267%
45	17.532	2414	2416	2423	rVB	49157	67487	3.45%	0.626%
46	17.897	2470	2478	2483	rVB2	28247	49622	2.53%	0.460%
47	17.985	2485	2493	2495	rBV7	10543	20303	1.04%	0.188%
48	18.378	2556	2560	2564	rBV4	45200	64886	3.31%	0.601%
49	18.878	2639	2645	2648	rBV3	16582	27839	1.42%	0.258%
50	19.136	2682	2689	2694	rBV	86498	117059	5.98%	1.085%
51	19.224	2700	2704	2709	rVB	22943	32121	1.64%	0.298%
52	19.548	2754	2759	2764	rVB	32785	49613	2.53%	0.460%
53	19.771	2792	2797	2802	rVB3	24401	39487	2.02%	0.366%
54	19.906	2818	2820	2828	rVB	22289	32756	1.67%	0.304%
55	20.106	2847	2854	2860	rBV	1528302	1958277	100.00%	18.153%
56	20.294	2882	2886	2892	rVB4	11852	21045	1.07%	0.195%
57	20.776	2965	2968	2973	rVB2	20982	25559	1.31%	0.237%
58	20.993	3001	3005	3010	rVB	71448	84480	4.31%	0.783%
59	21.410	3072	3076	3083	rBV2	93935	148139	7.56%	1.373%
60	21.792	3133	3141	3146	rBV	235461	391266	19.98%	3.627%
61	25.135	3698	3710	3720	rBV3	127024	378614	19.33%	3.510%

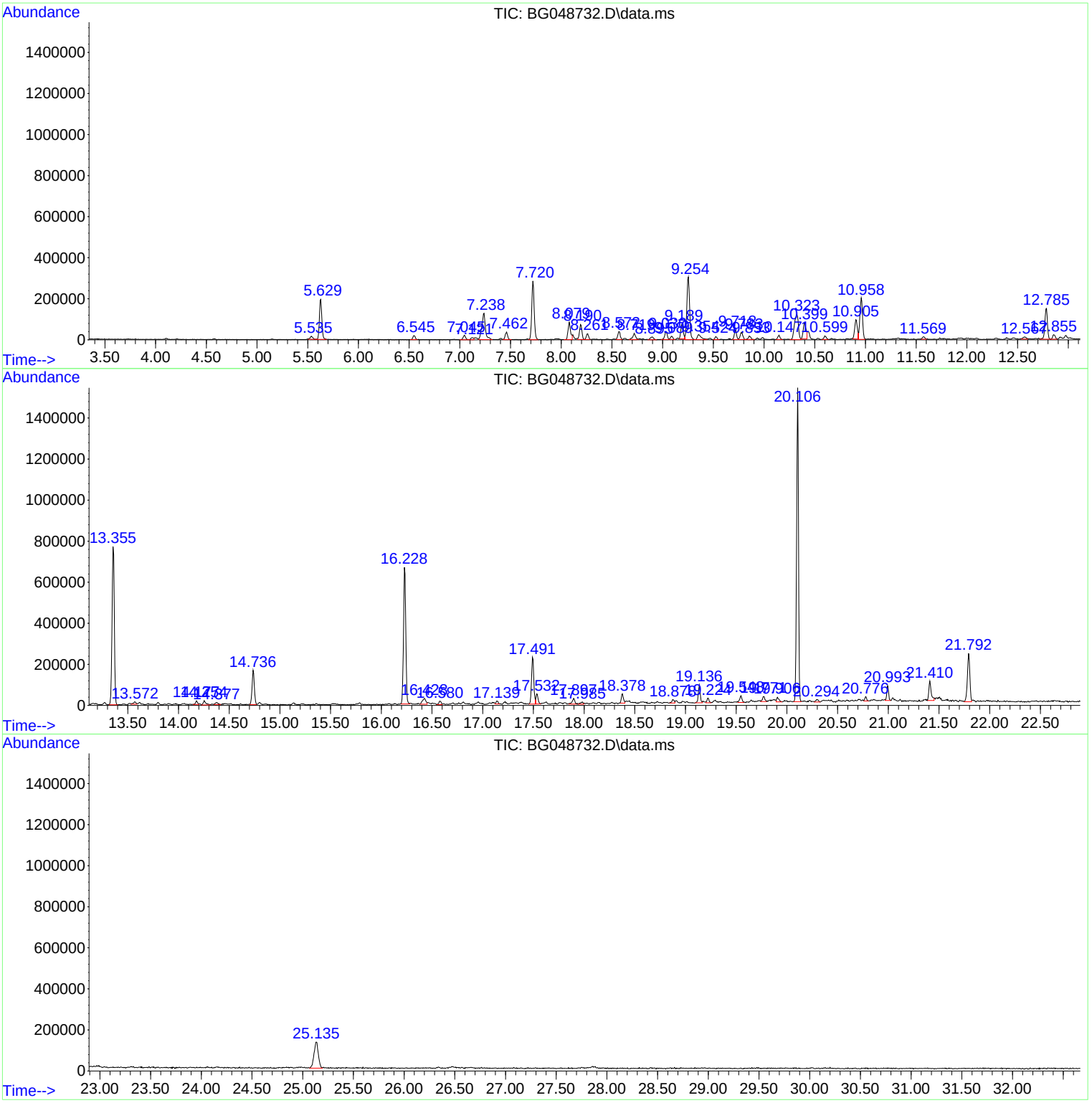
Sum of corrected areas: 10787605

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.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\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

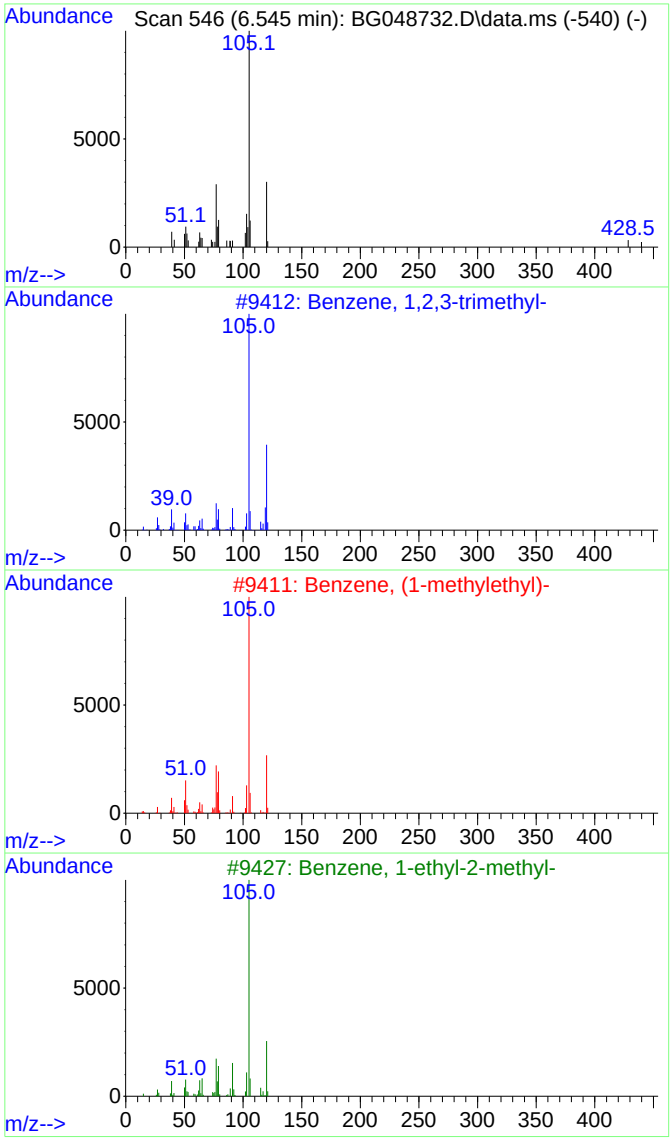
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

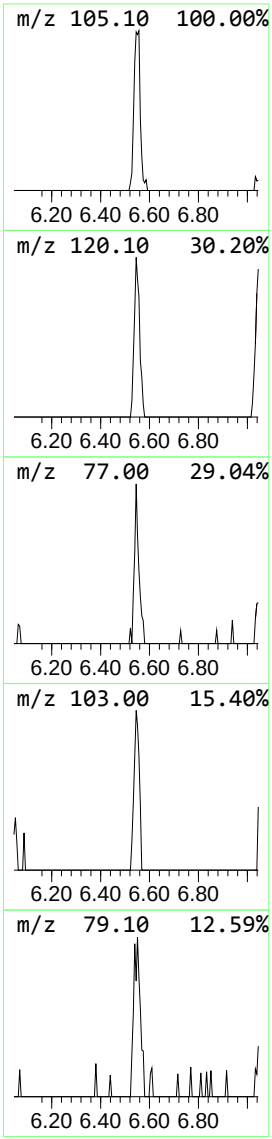
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.545	4.37 ng	32660	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	58
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	58
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.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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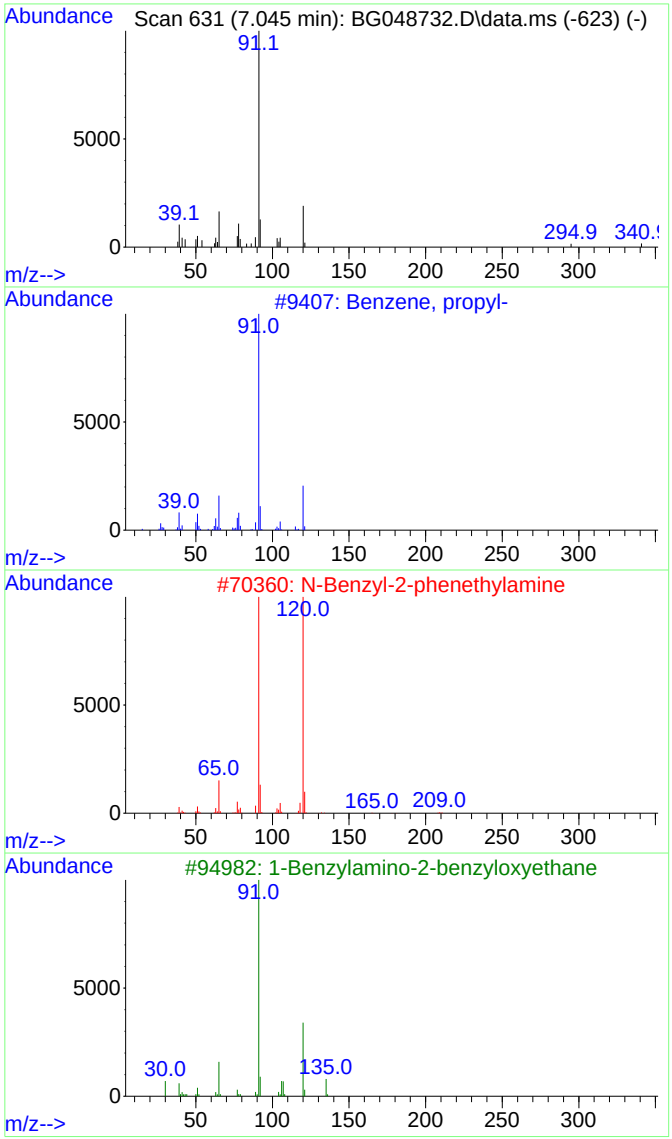
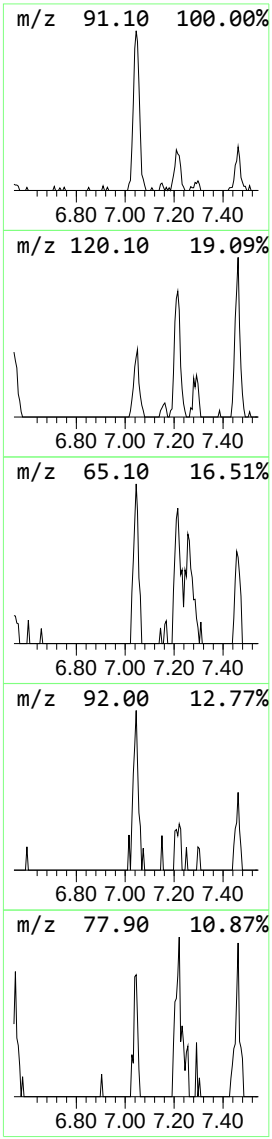
Peak Number 2 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	5.06 ng	37815	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
3	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	59
4	1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	50
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

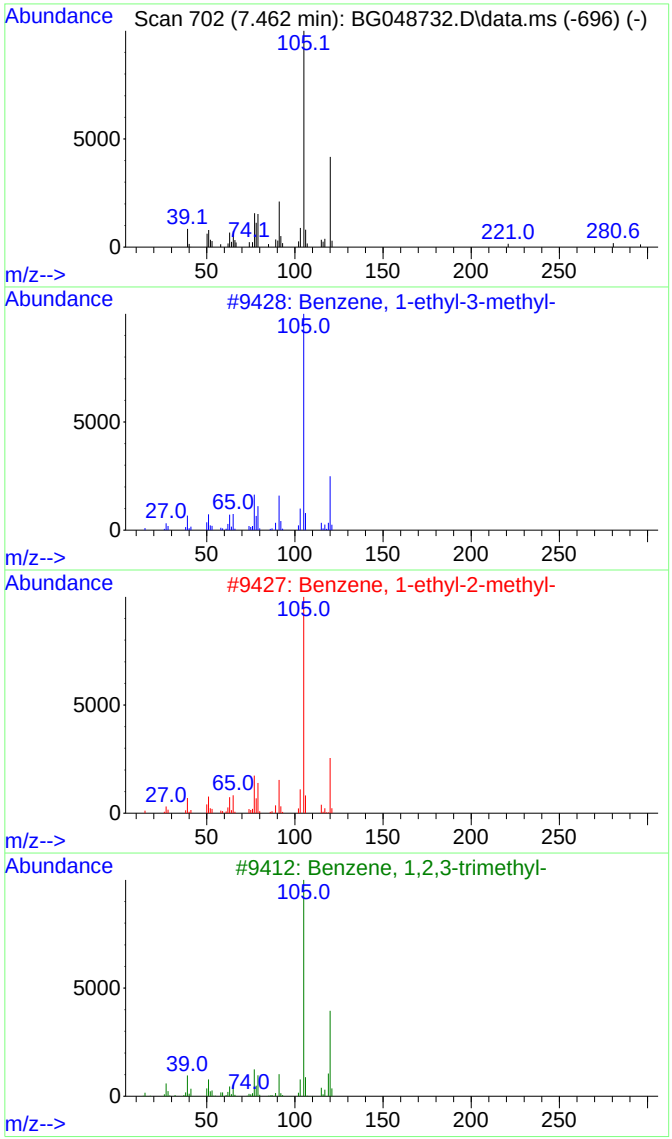
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

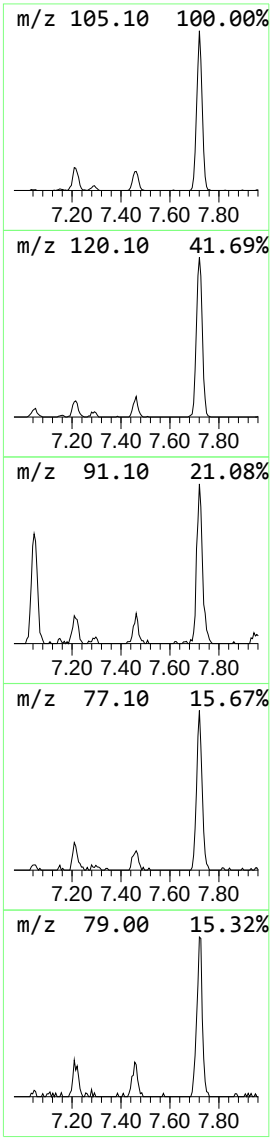
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.462	7.89 ng	59049	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

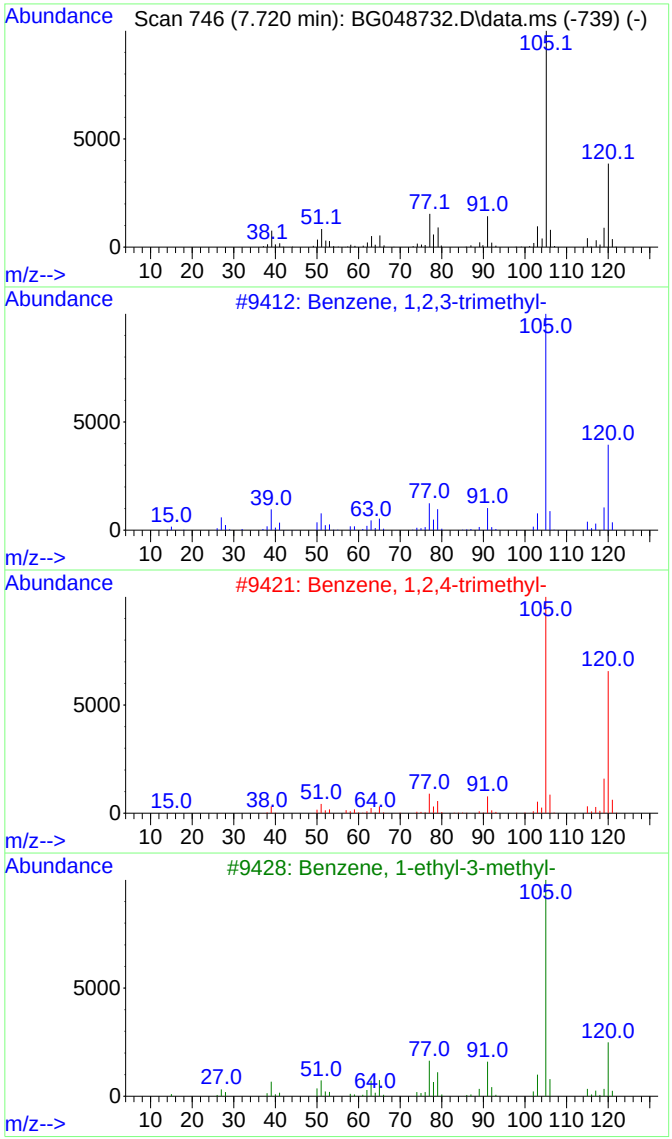
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

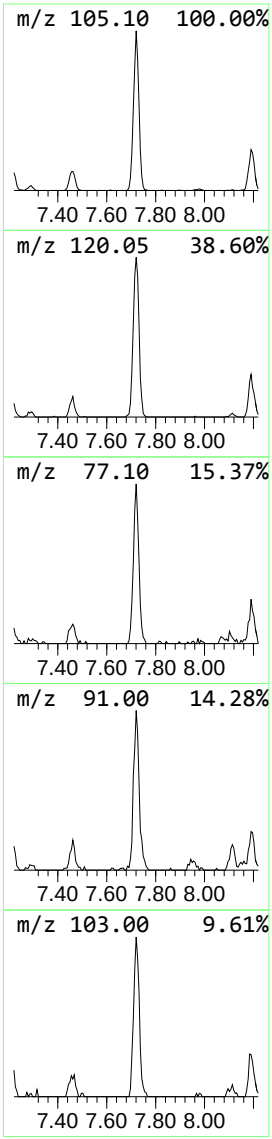
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.720	64.46 ng	482209	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

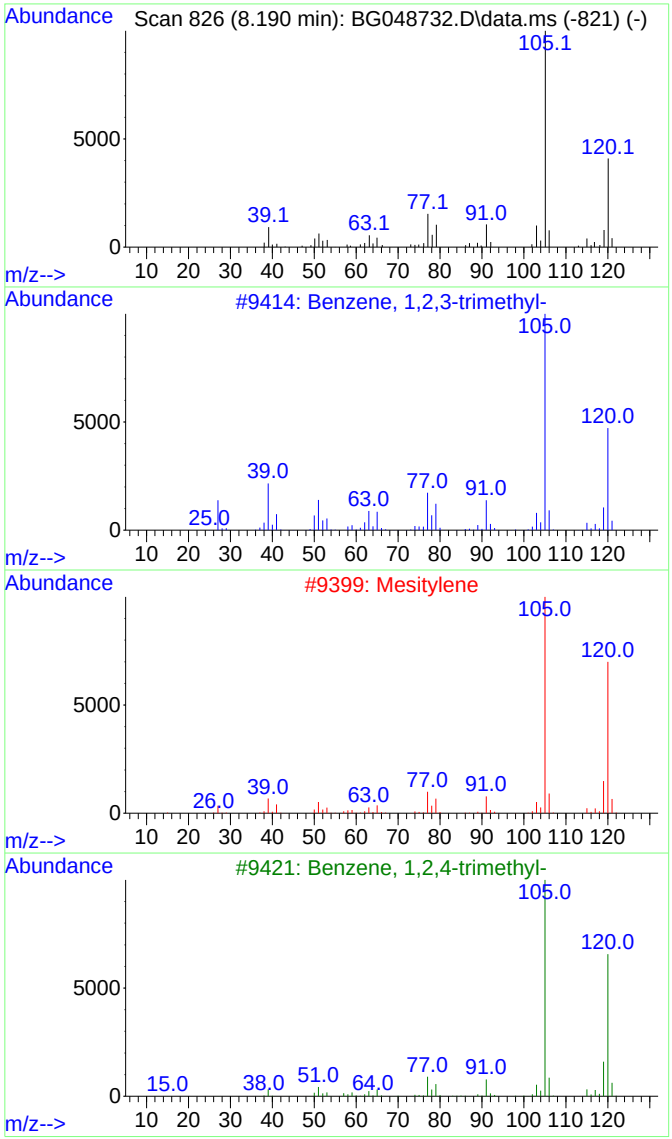
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

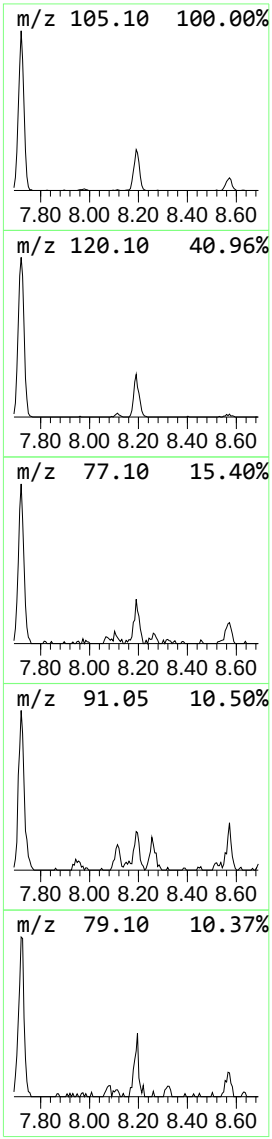
****

Peak Number 5 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.190	16.05 ng	120043	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

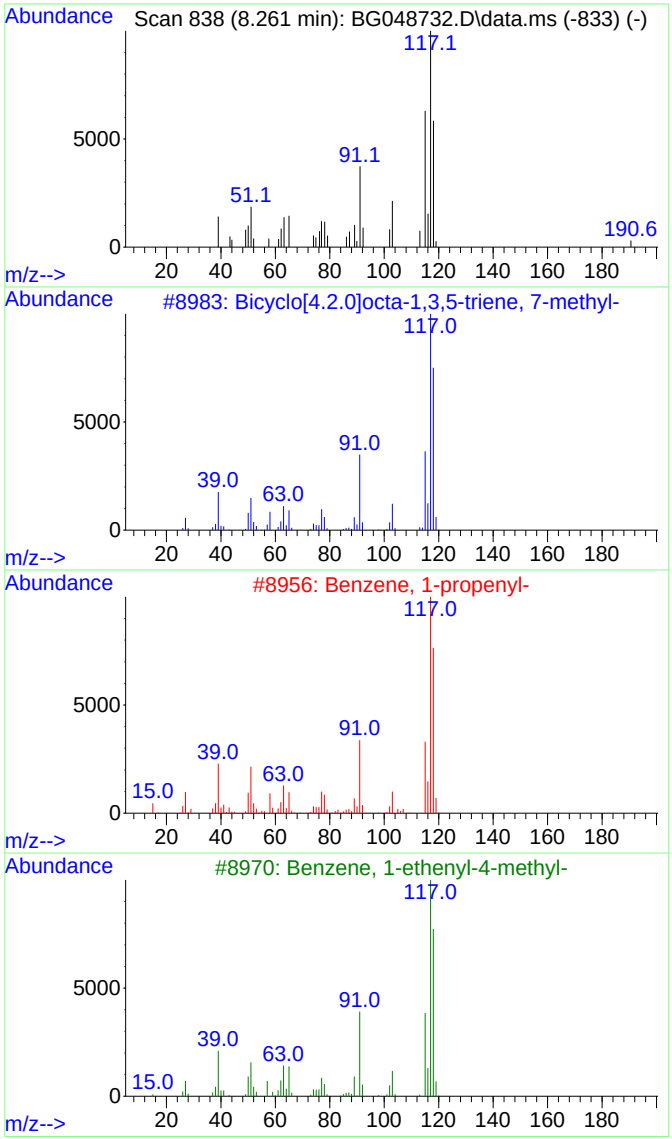
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

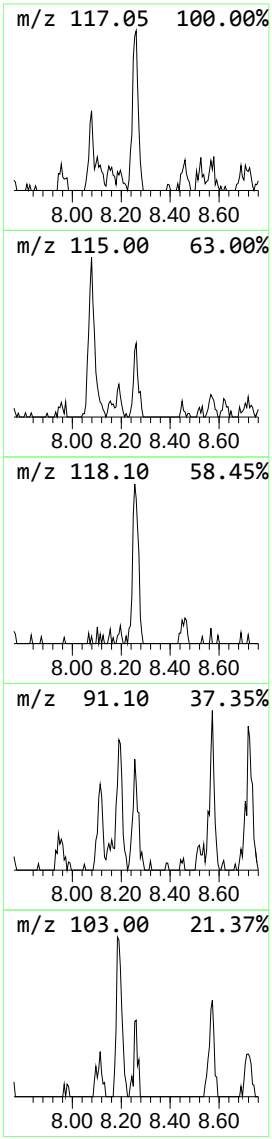
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.261	5.78 ng	43238	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	76
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	70
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

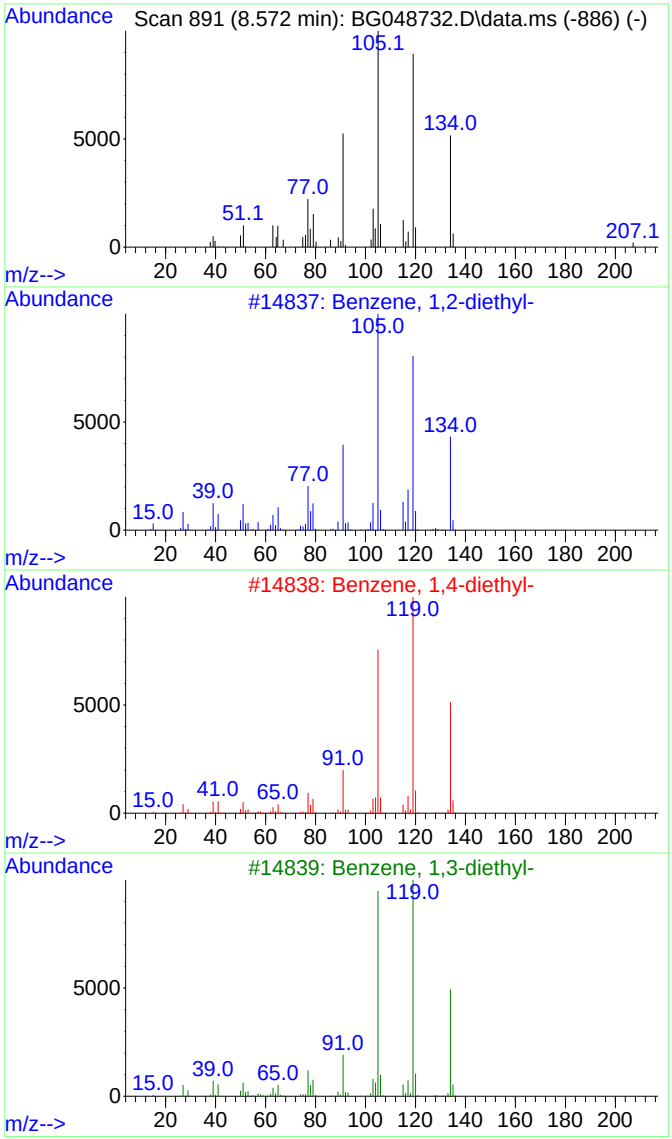
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

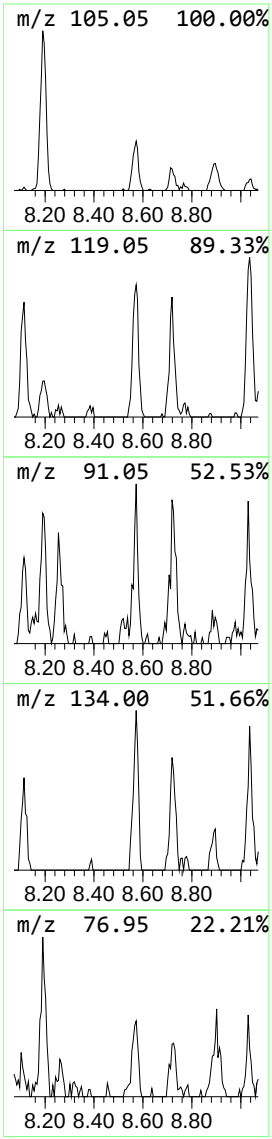
****

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.572	8.57 ng	64129	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A

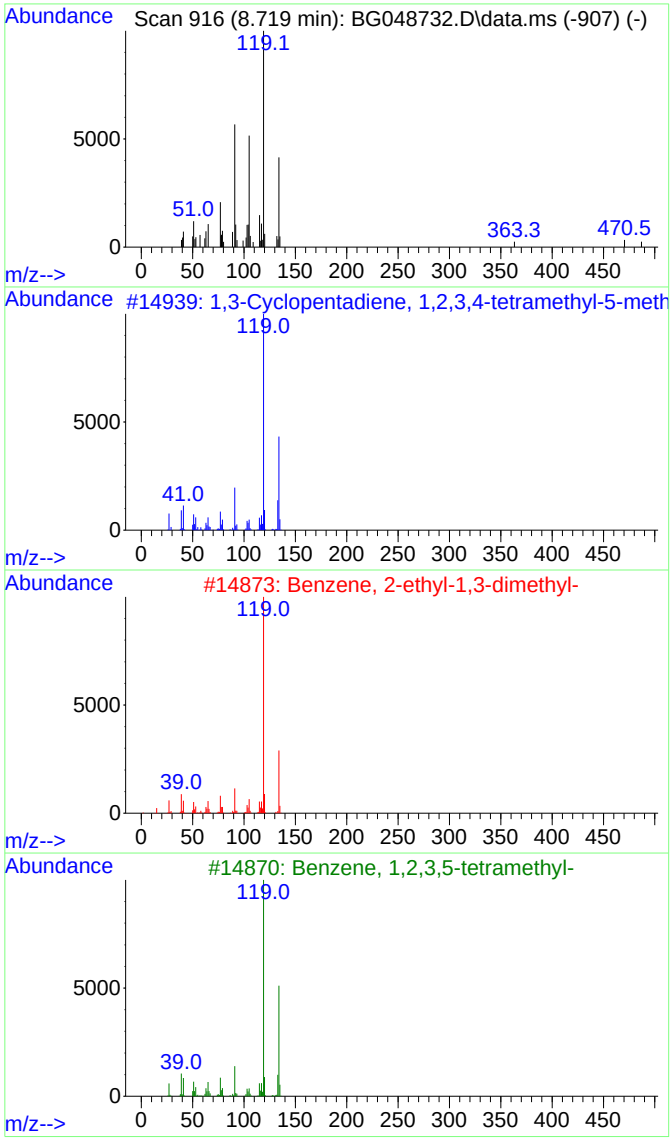
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

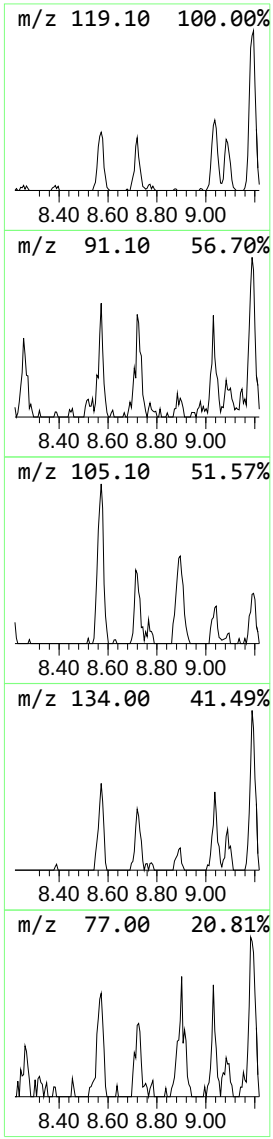
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.719	8.11 ng	60675	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81





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Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

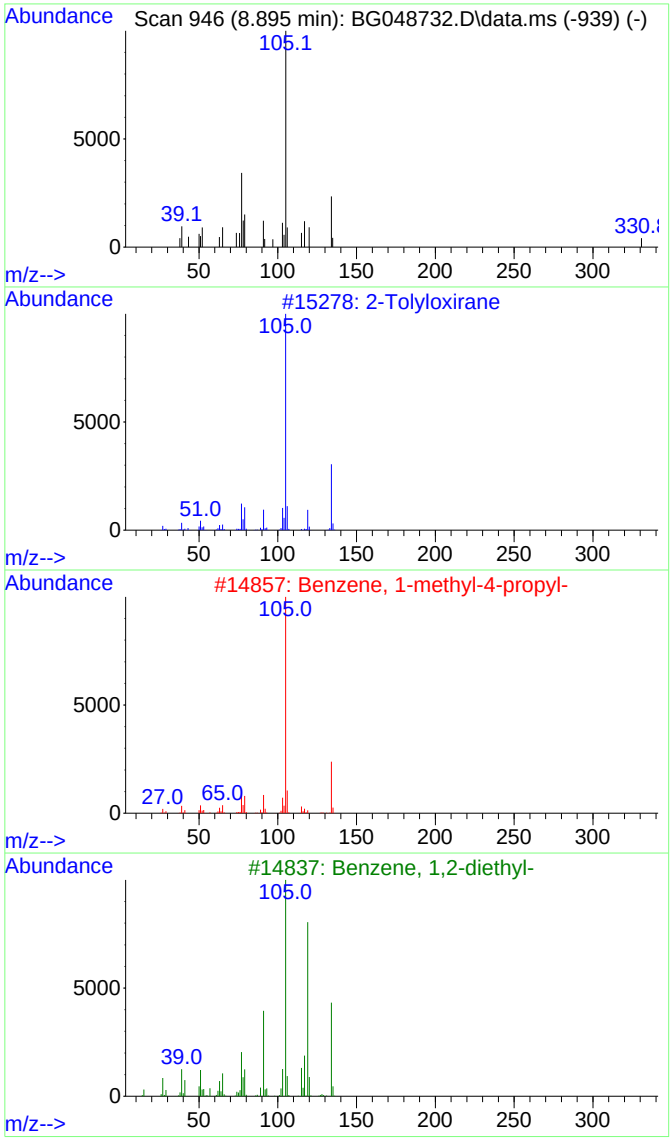
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

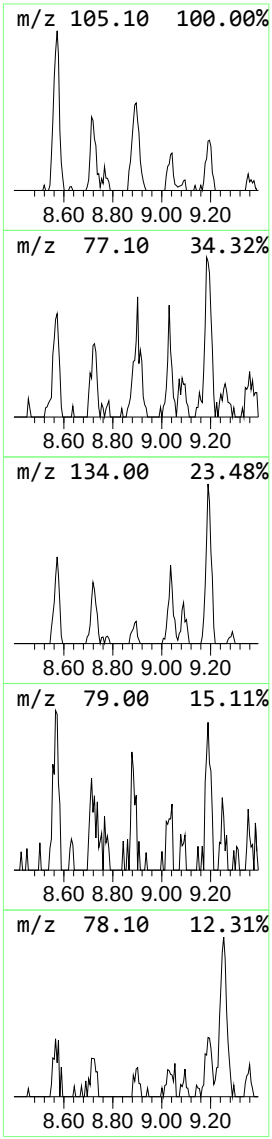
****

Peak Number 9 2-Tolyloxirane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.895	3.94 ng	29482	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tolyloxirane	134	C9H10O	002783-26-8	58
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	58
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	53
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
5	1-Hepten-5-yne, 2-methyl-3-methy...	120	C9H12	076003-40-2	50





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Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

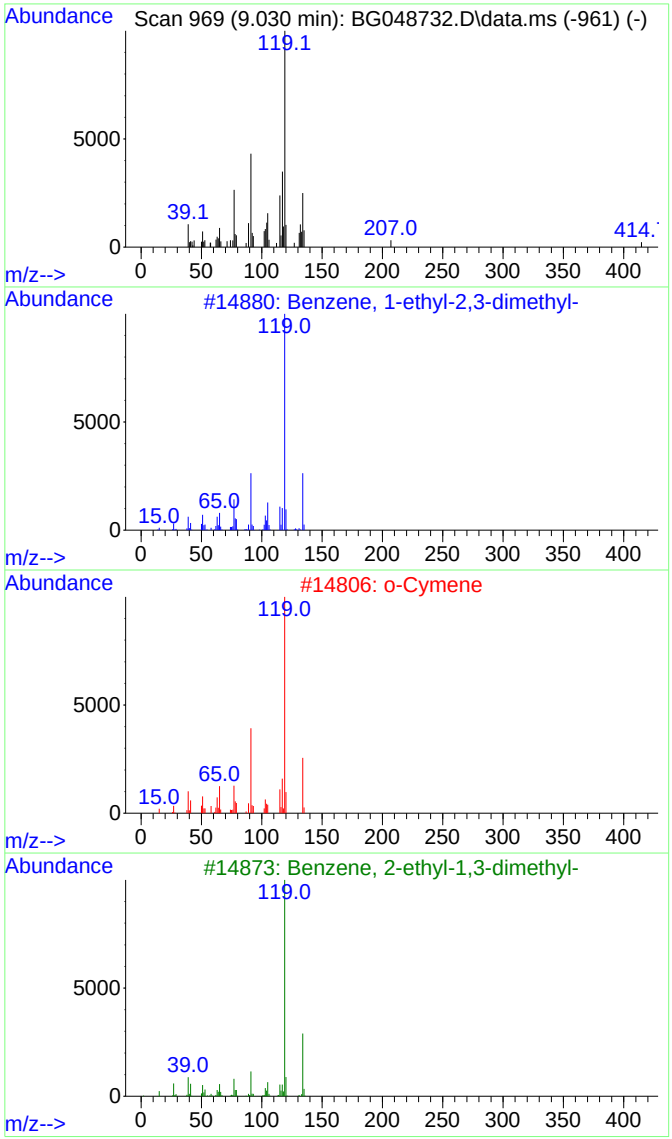
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

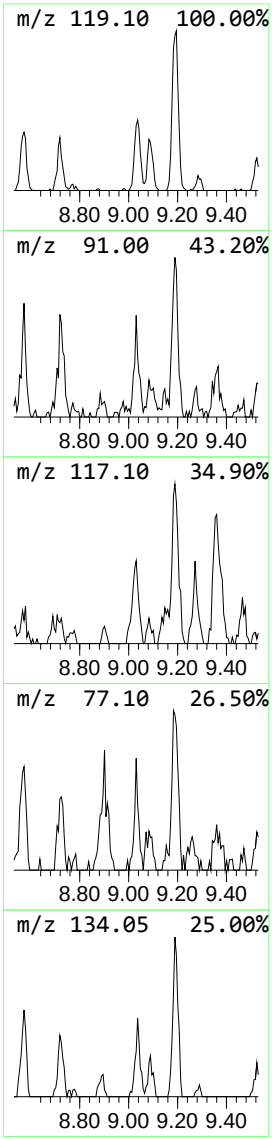
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.030	8.75 ng	65448	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
2	o-Cymene	134	C10H14	000527-84-4	64
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	62
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	58
5	7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	53





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A

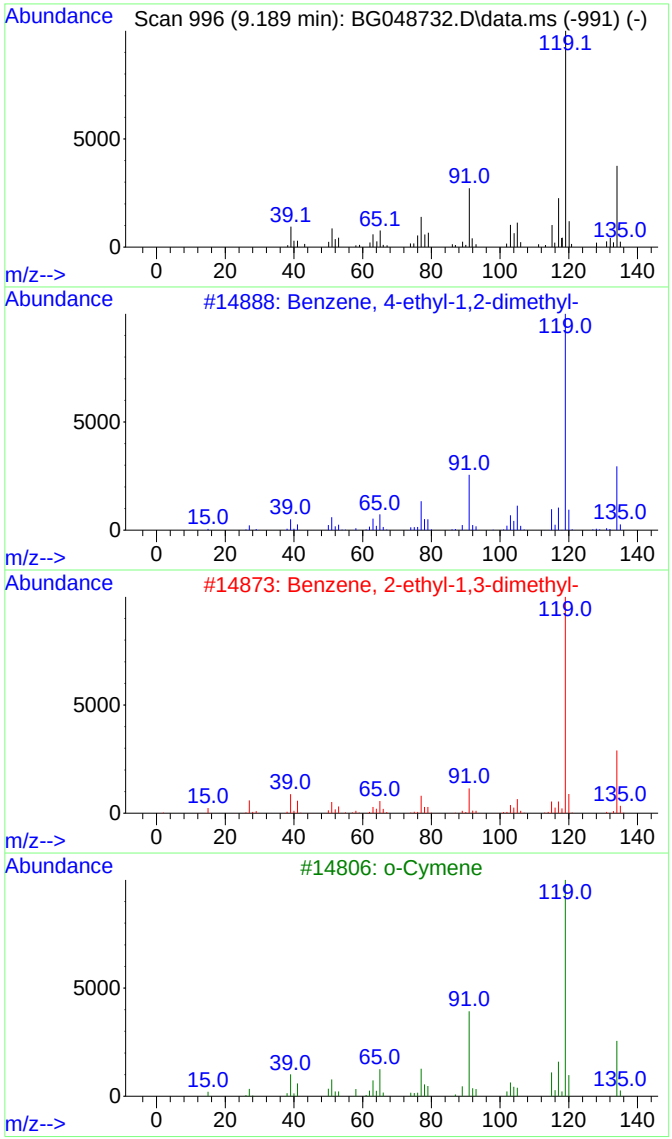
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

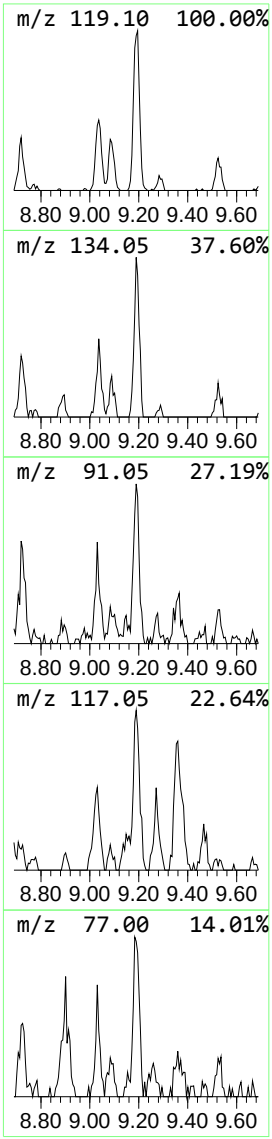
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.189	16.53 ng	123624	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
3	o-Cymene	134	C10H14	000527-84-4	86
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81





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Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

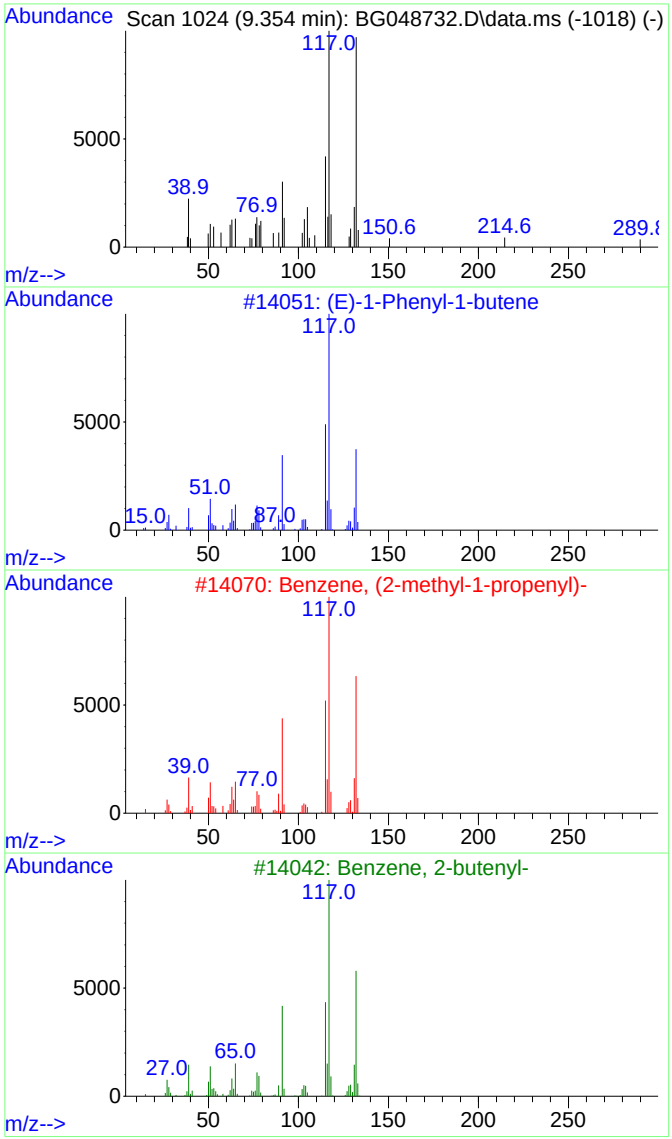
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

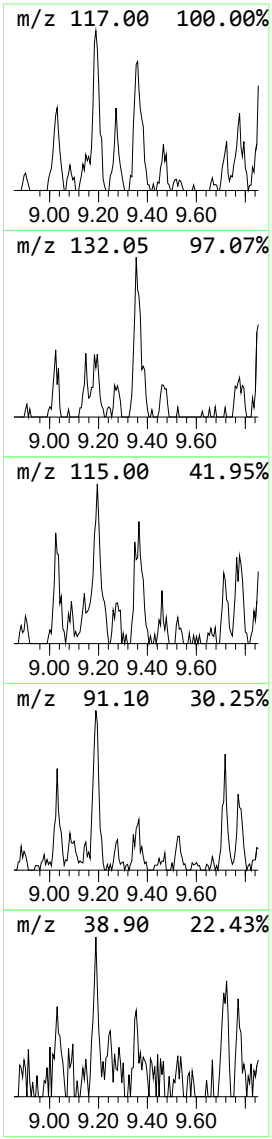
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (E)-1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.354	8.74 ng	65389	1,4-Dichlorobenzene-d4	8.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	81
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	81





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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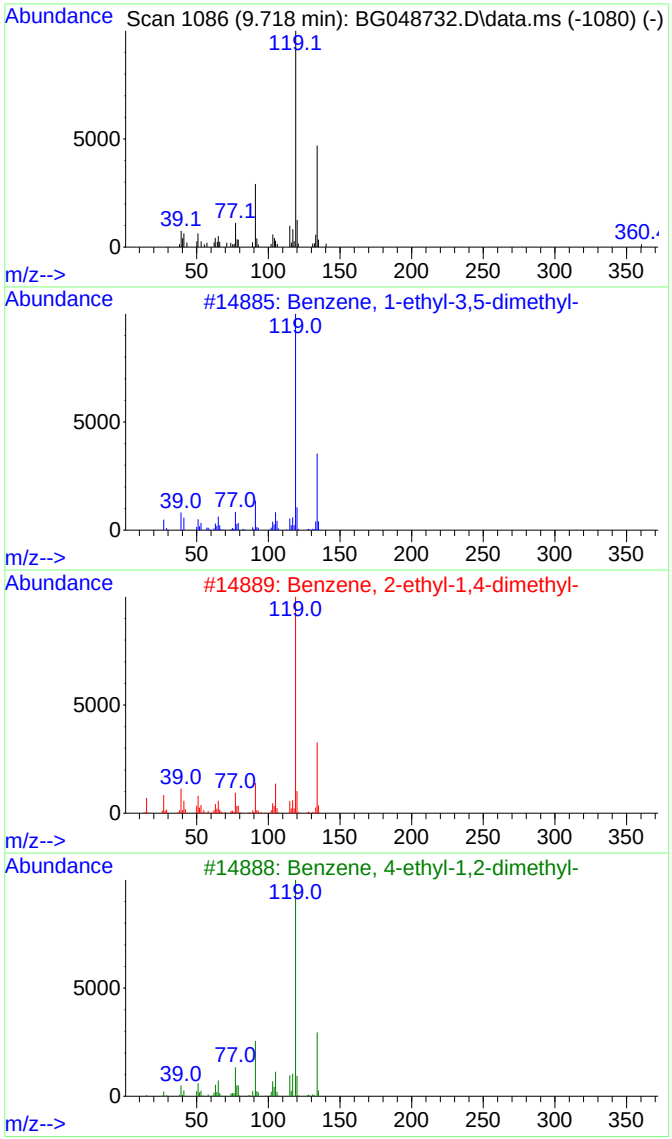
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

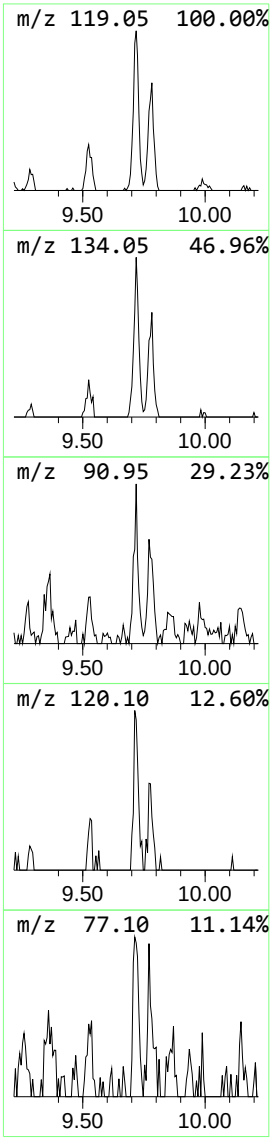
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.718	8.12 ng	70048	Naphthalene-d8	10.905

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90





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Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

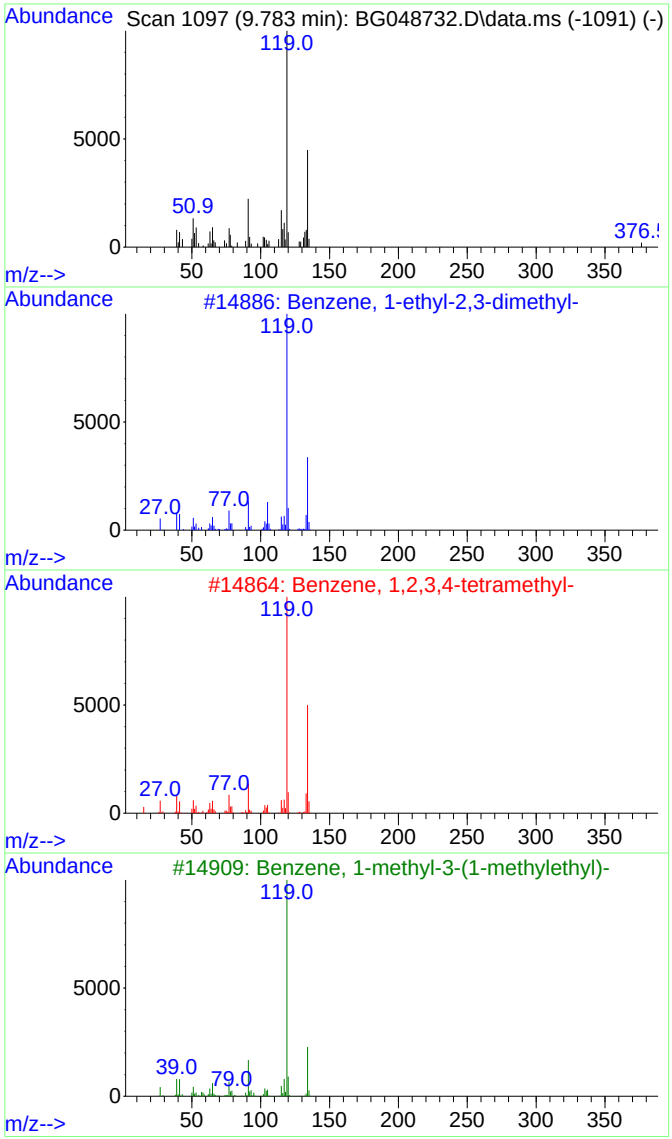
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

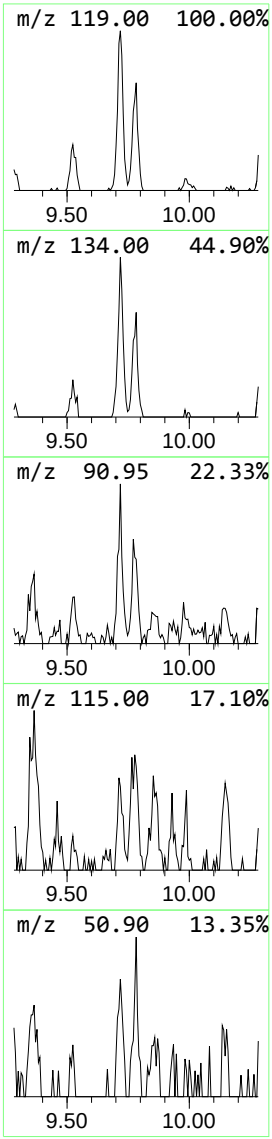
****

Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.783	7.34 ng	63354	Naphthalene-d8	10.905

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	86
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	86





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Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

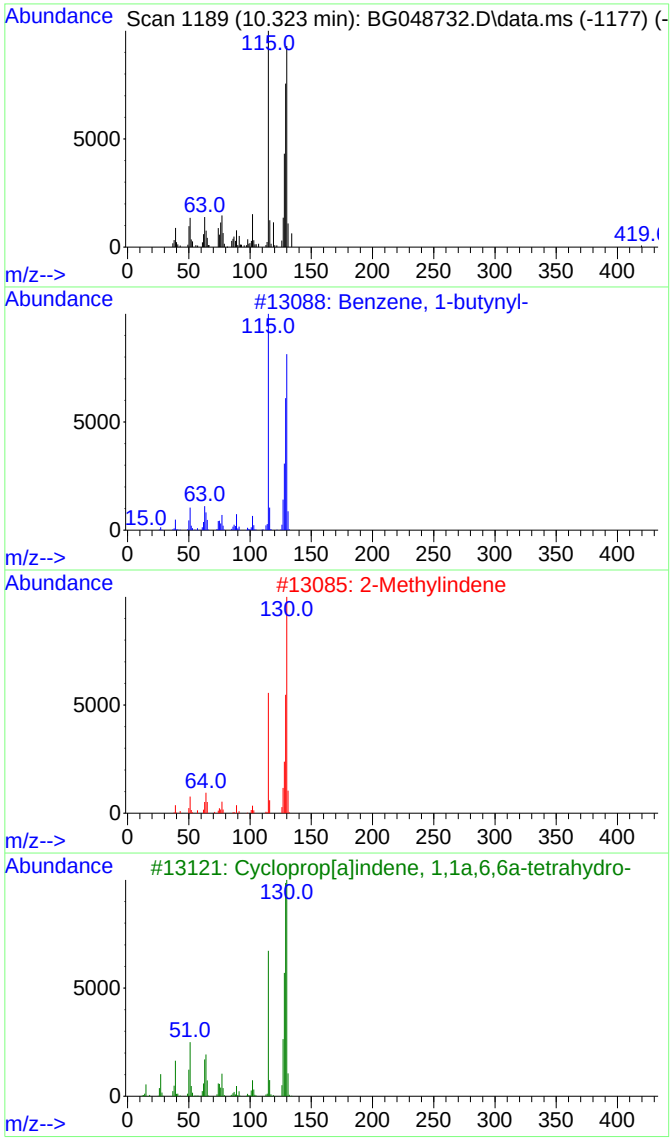
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

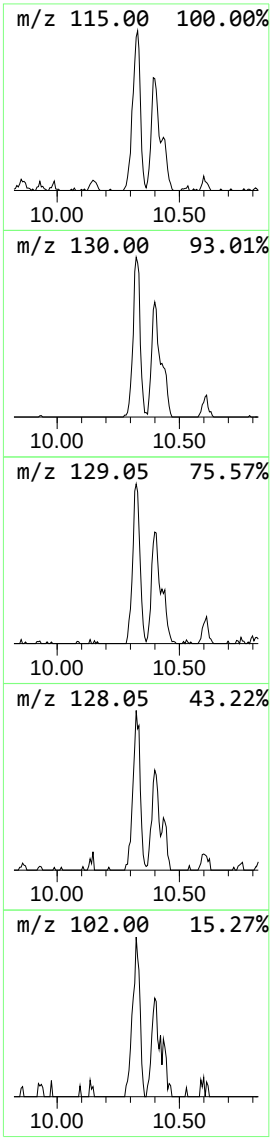
****

Peak Number 15 Benzene, 1-butynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.323	38.79 ng	334753	Naphthalene-d8	10.905

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	2-Methylindene	130	C10H10	002177-47-1	93
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	90
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	89





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Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

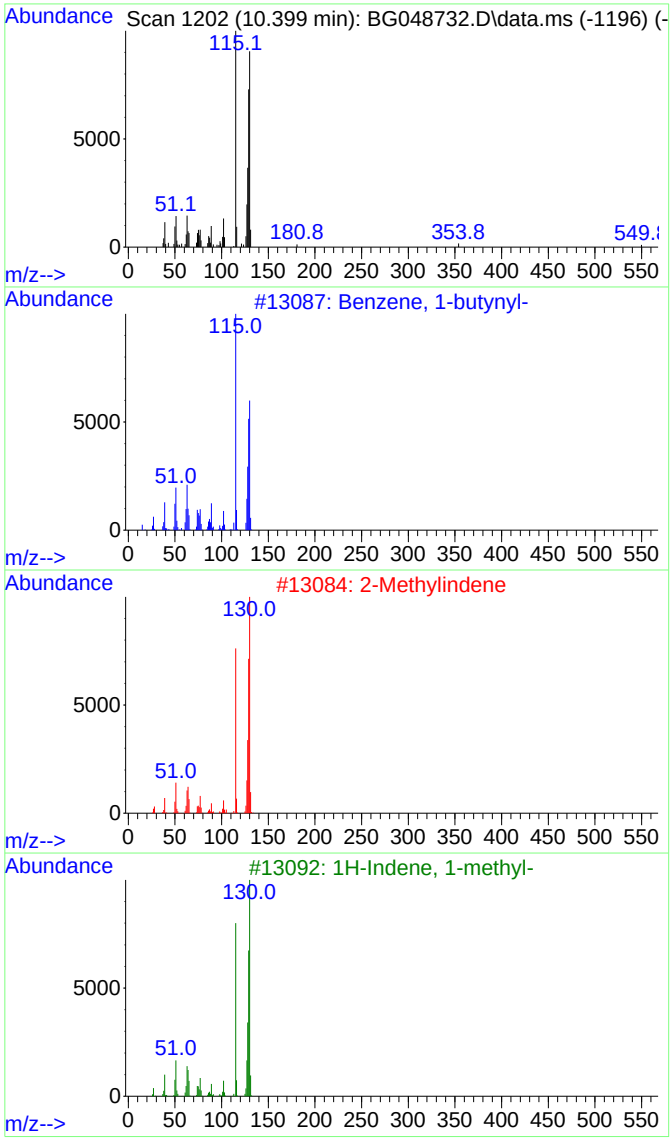
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

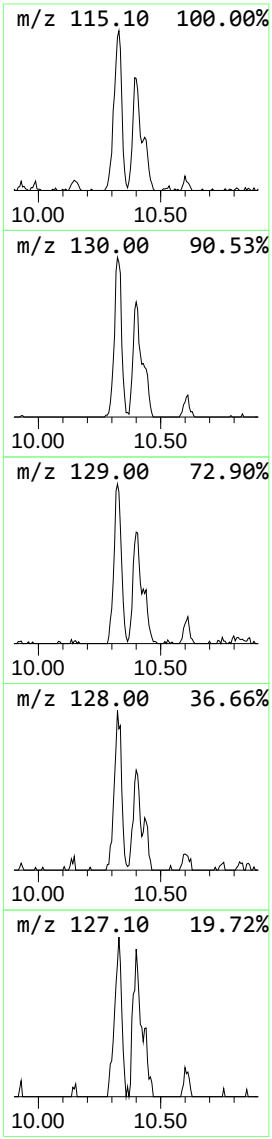
****

Peak Number 16 2-Methylindene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.399	18.07 ng	155934	Naphthalene-d8	10.905

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
2	2-Methylindene	130	C10H10	002177-47-1	93
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93





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Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.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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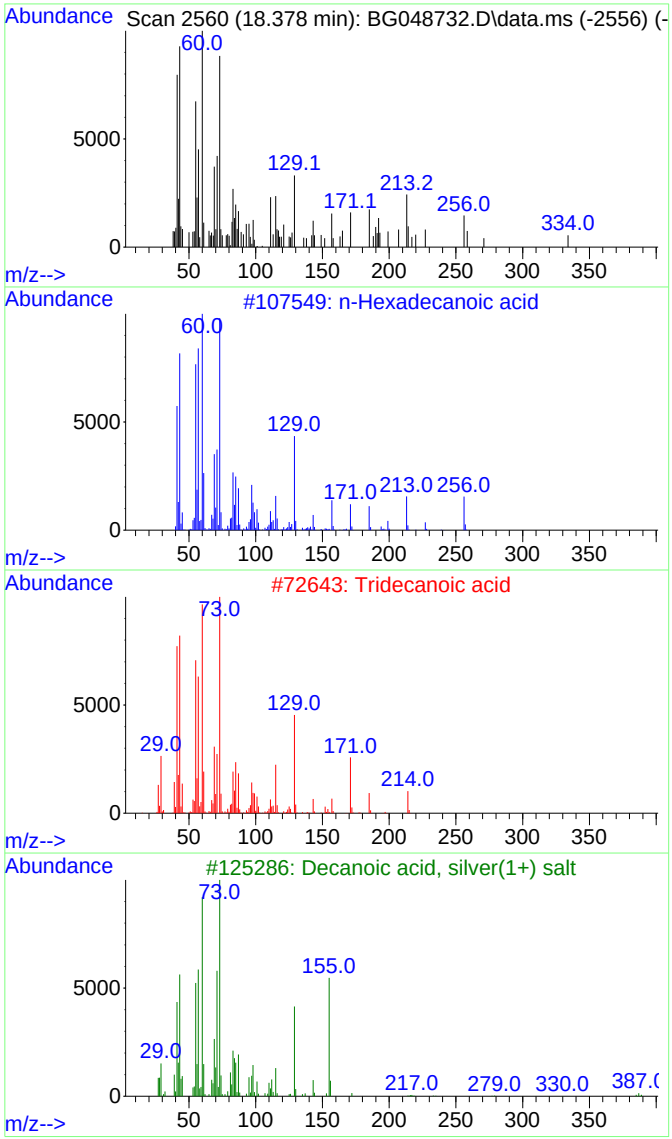
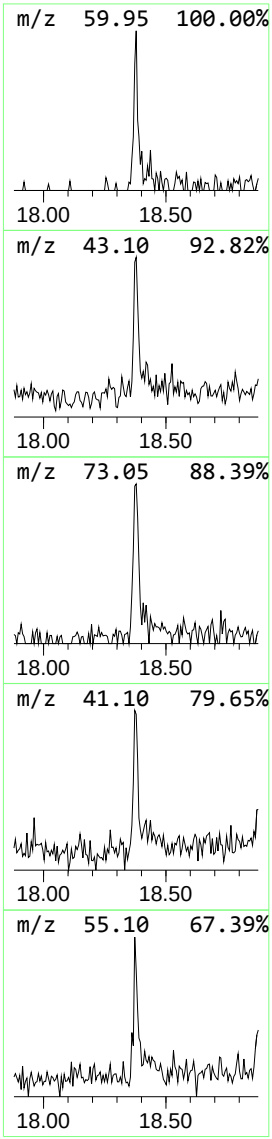
Peak Number 17 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.378	3.68 ng	64886	Phenanthrene-d10	17.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2	Tridecanoic acid	214	C13H26O2	000638-53-9	62
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Nonanoic acid	158	C9H18O2	000112-05-0	46





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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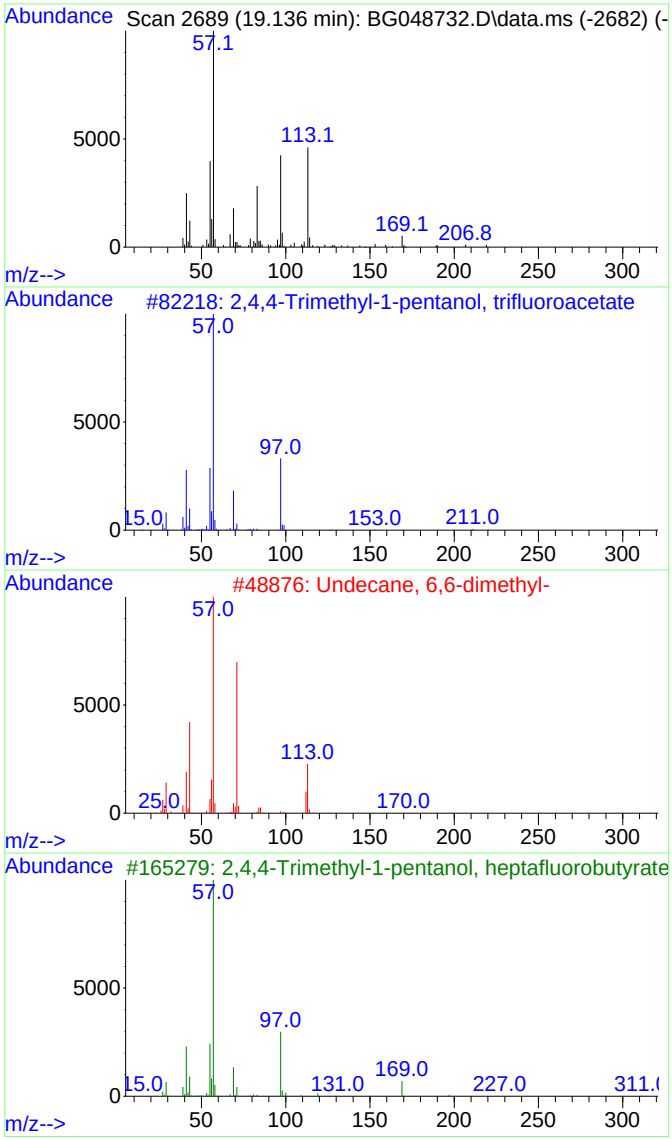
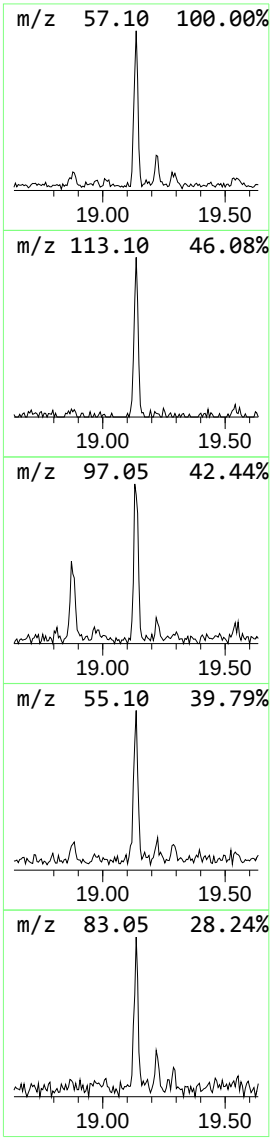
Peak Number 18 unknown19.136 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.136	6.64 ng	117059	Phenanthrene-d10	17.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	38
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	35
3	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	32
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	32
5	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	28





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Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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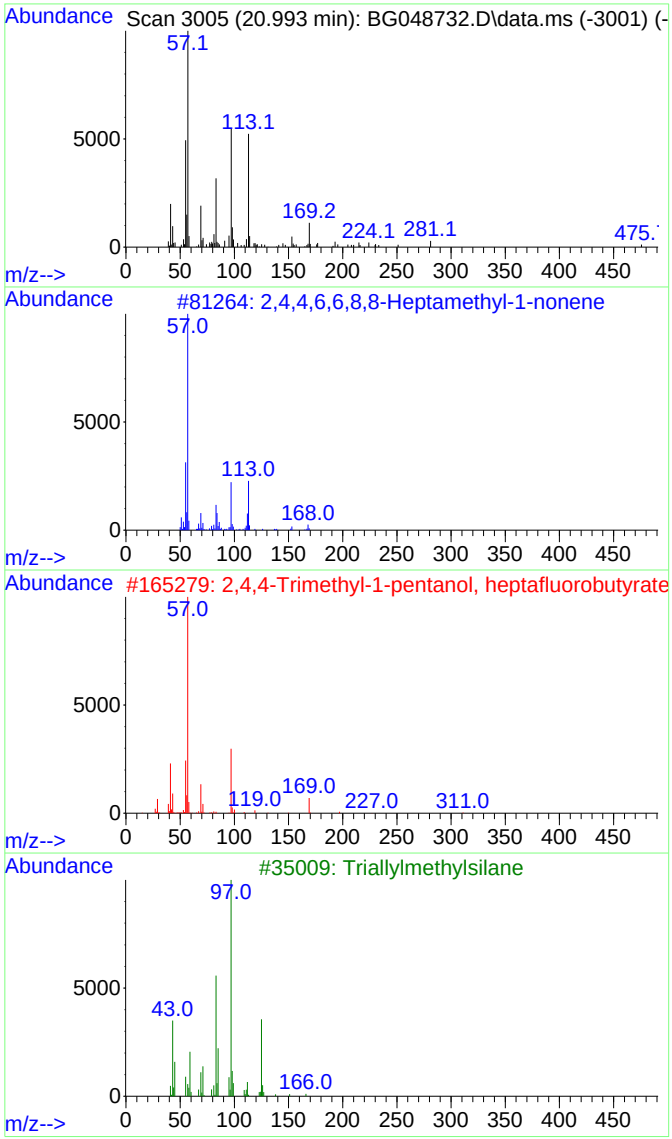
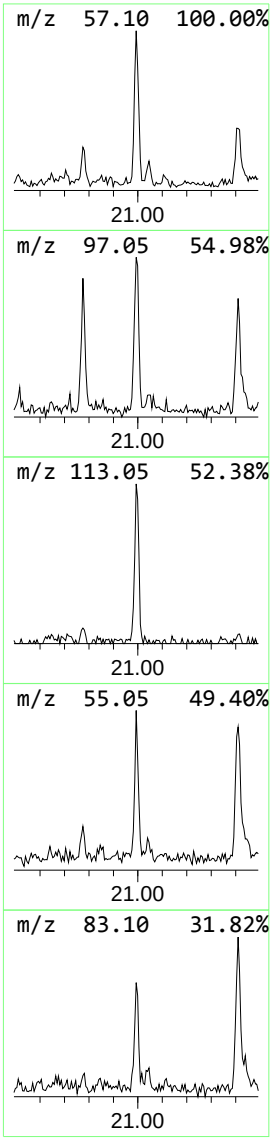
****
Peak Number 19 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.993	4.32 ng	84480	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	56
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	38
3	Triallylmethylsilane	166	C10H18Si	001112-91-0	35
4	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	27
5	Tetradecanoic acid, pyrrolidide	281	C18H35NO	1000336-16-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

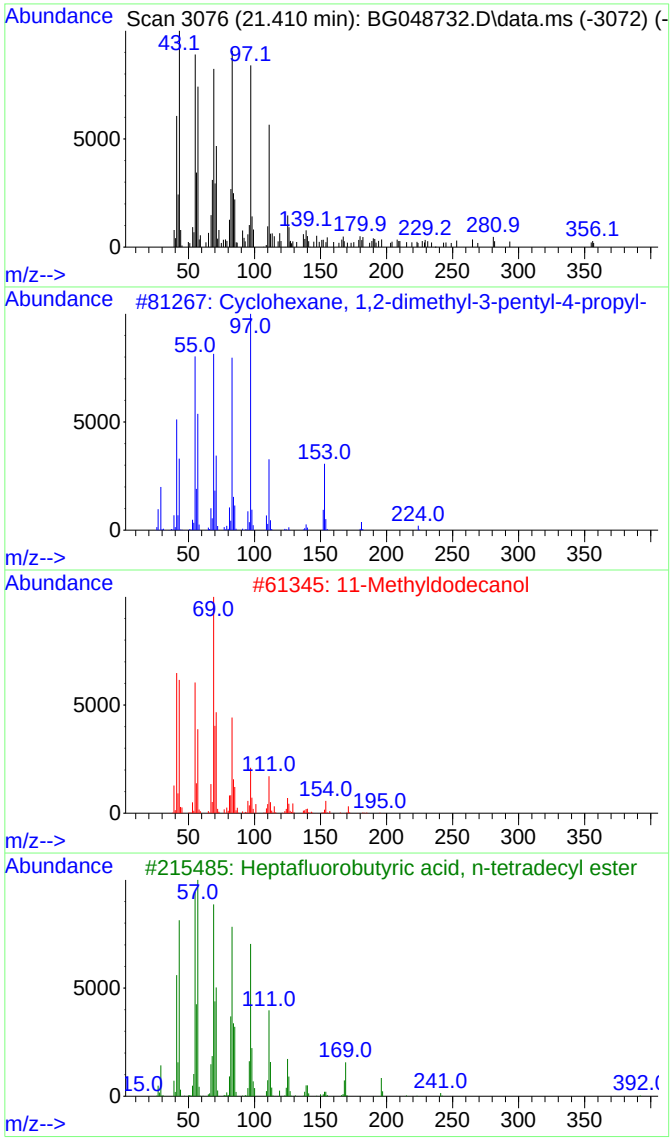
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

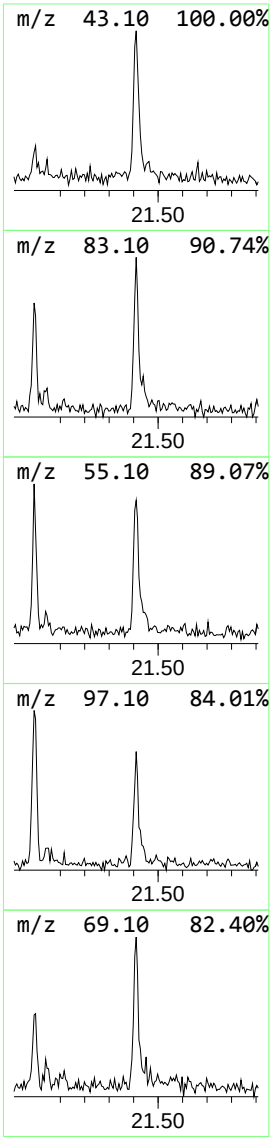
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.410	7.57 ng	148139	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	74
2	11-Methyldodecanol	200	C13H28O	085763-57-1	72
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	62
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	60
5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048732.D
Acq On : 16 Apr 2021 20:07
Operator : CG/JU
Sample : M2042-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-...	6.545	4.4	ng	32660	1	8.079	149609	20.0
Benzene, propyl-	7.045	5.1	ng	37815	1	8.079	149609	20.0
Benzene, 1-ethy...	7.462	7.9	ng	59049	1	8.079	149609	20.0
Benzene, 1,2,4-...	7.720	64.5	ng	482209	1	8.079	149609	20.0
Mesitylene	8.190	16.1	ng	120043	1	8.079	149609	20.0
Bicyclo[4.2.0]o...	8.261	5.8	ng	43238	1	8.079	149609	20.0
Benzene, 1,2-di...	8.572	8.6	ng	64129	1	8.079	149609	20.0
1,3-Cyclopentad...	8.719	8.1	ng	60675	1	8.079	149609	20.0
2-Tolyloxirane	8.895	3.9	ng	29482	1	8.079	149609	20.0
Benzene, 1-ethy...	9.030	8.8	ng	65448	1	8.079	149609	20.0
Benzene, 4-ethy...	9.189	16.5	ng	123624	1	8.079	149609	20.0
(E)-1-Phenyl-1-...	9.354	8.7	ng	65389	1	8.079	149609	20.0
Benzene, 1-ethy...	9.718	8.1	ng	70048	2	10.905	172613	20.0
Benzene, 1,2,3,...	9.783	7.3	ng	63354	2	10.905	172613	20.0
Benzene, 1-buty...	10.323	38.8	ng	334753	2	10.905	172613	20.0
2-Methylindene	10.399	18.1	ng	155934	2	10.905	172613	20.0
n-Hexadecanoic ...	18.378	3.7	ng	64886	4	17.491	352466	20.0
unknown19.136	19.136	6.6	ng	117059	4	17.491	352466	20.0
2,4,4,6,6,8,8-H...	20.993	4.3	ng	84480	5	21.792	391266	20.0
Cyclohexane, 1,...	21.410	7.6	ng	148139	5	21.792	391266	20.0