

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046672.D
 Acq On : 18 Sep 2020 16:45
 Operator : CG/JU
 Sample : L4074-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KTS-ST-0102-0-6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BG082520.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	3.124	3	6	21	rVB	47355	87777	3.64%	0.588%
2	5.516	406	413	440	rBV	706852	1558101	64.55%	10.441%
3	5.950	481	487	495	rVB4	19723	40246	1.67%	0.270%
4	6.403	559	564	575	rBV2	28290	59097	2.45%	0.396%
5	7.102	673	683	702	rBV	791769	1577258	65.34%	10.569%
6	7.572	755	763	773	rVB4	18200	46552	1.93%	0.312%
7	7.919	815	822	832	rBV	248821	446524	18.50%	2.992%
8	9.076	1001	1019	1029	rBV	554386	1022463	42.36%	6.852%
9	9.999	1168	1176	1183	rBV	27409	47259	1.96%	0.317%
10	10.715	1291	1298	1303	rBV	344733	635329	26.32%	4.257%
11	10.768	1303	1307	1314	rVB	73637	127554	5.28%	0.855%
12	11.432	1415	1420	1427	rVB6	20089	36809	1.52%	0.247%
13	11.755	1469	1475	1479	rBV	27568	44662	1.85%	0.299%
14	12.149	1537	1542	1549	rBV2	23261	39396	1.63%	0.264%
15	12.372	1575	1580	1589	rVB	84382	145874	6.04%	0.978%
16	12.596	1613	1618	1626	rVB2	54838	97869	4.05%	0.656%
17	13.101	1700	1704	1708	rVB2	32863	42700	1.77%	0.286%
18	13.171	1710	1716	1724	rVV	1479568	2290119	94.87%	15.346%
19	13.383	1748	1752	1760	rVB	58941	94205	3.90%	0.631%
20	13.730	1804	1811	1816	rBV2	35272	95612	3.96%	0.641%
21	13.876	1831	1836	1840	rBV	50381	91805	3.80%	0.615%
22	13.923	1841	1844	1850	rVB	39696	61805	2.56%	0.414%
23	14.000	1851	1857	1861	rVV	92276	163870	6.79%	1.098%
24	14.047	1861	1865	1869	rVB2	68452	90524	3.75%	0.607%
25	14.394	1920	1924	1930	rVB3	49512	87610	3.63%	0.587%
26	14.458	1931	1935	1940	rBV2	54435	97821	4.05%	0.656%
27	14.552	1943	1951	1957	rBV	549050	927979	38.44%	6.218%
28	14.617	1958	1962	1966	rBV	62235	94694	3.92%	0.635%
29	14.952	2015	2019	2025	rVB	92759	149117	6.18%	0.999%
30	15.087	2038	2042	2048	rBV3	77360	126938	5.26%	0.851%
31	15.598	2124	2129	2133	rBV2	163273	288525	11.95%	1.933%
32	15.821	2164	2167	2173	rVB	106265	159125	6.59%	1.066%
33	17.296	2414	2418	2422	rBV	574595	904507	37.47%	6.061%
34	19.352	2765	2768	2776	rVB	559457	729420	30.22%	4.888%

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ClientSampleId :
KTS-ST-0102-0-6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	19.916	2860	2864	2868	rVB	1988725	2413923	100.00%	16.176%
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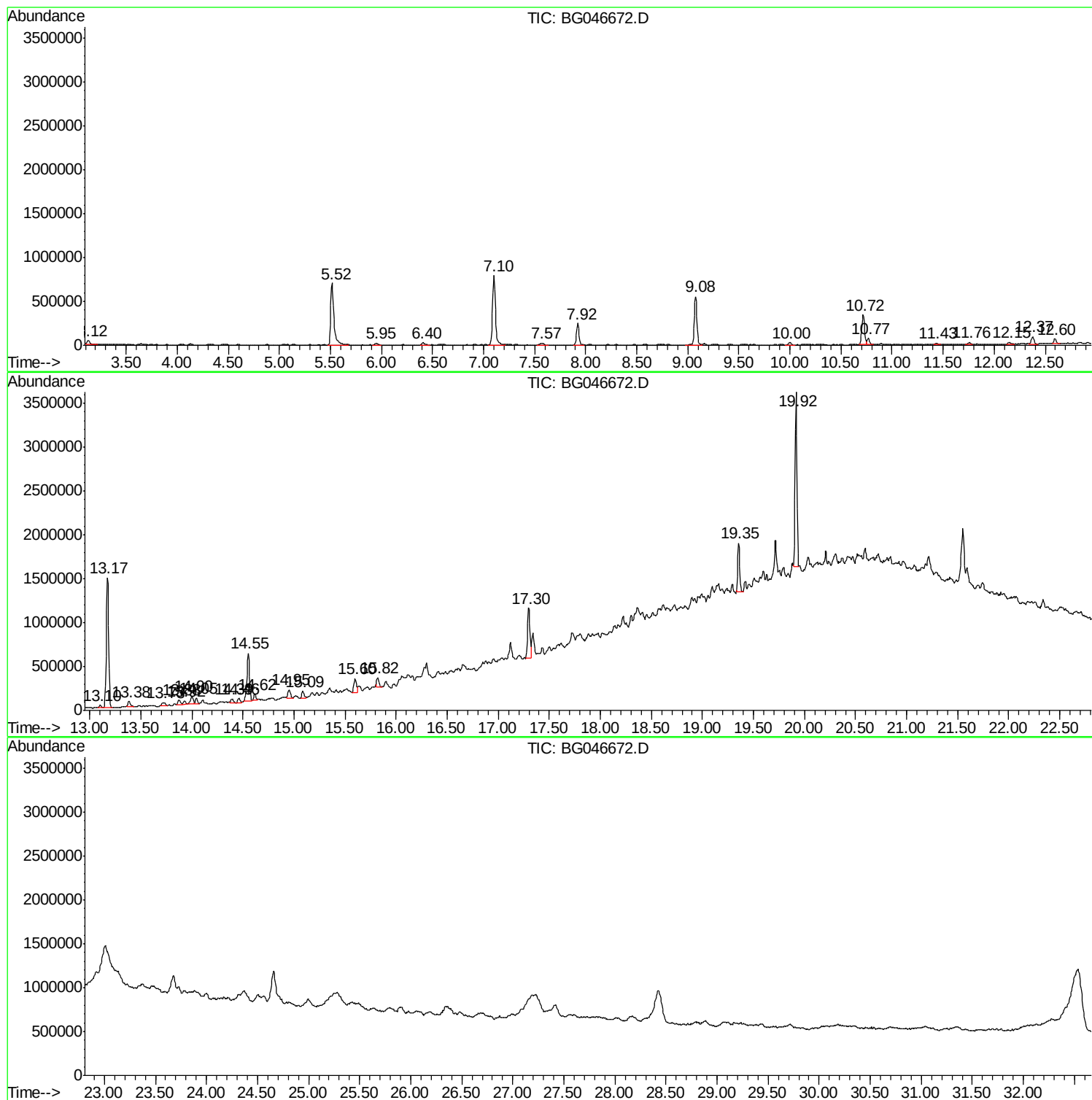
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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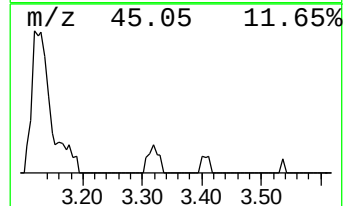
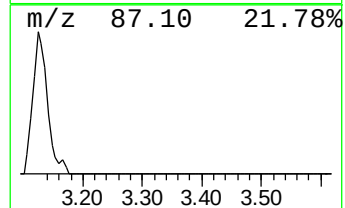
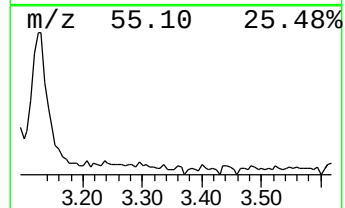
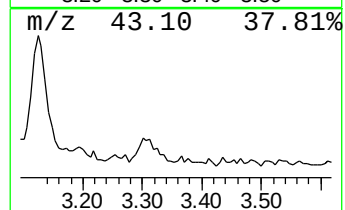
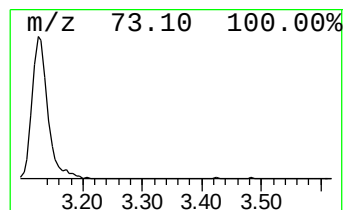
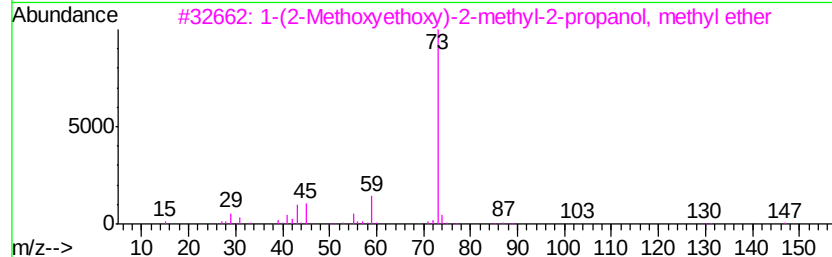
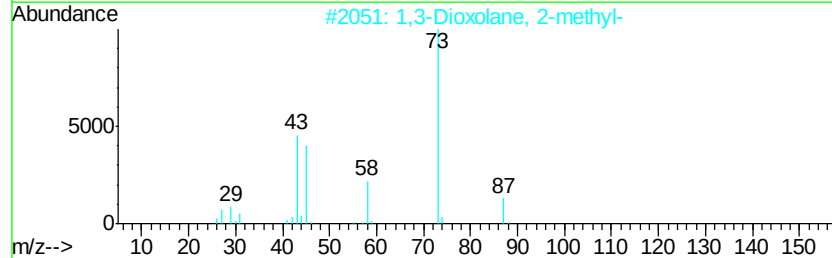
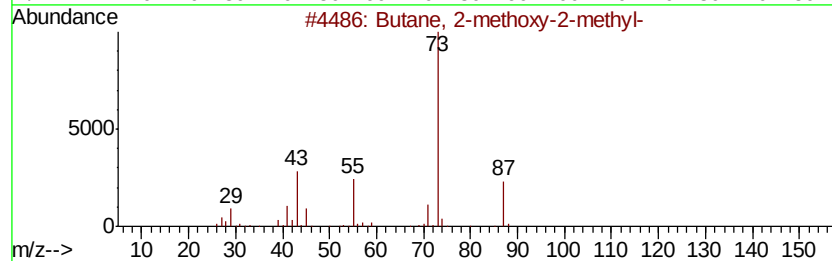
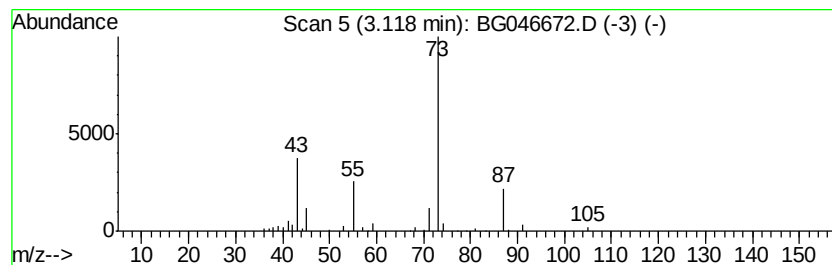
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	3.93 ng	87777	1,4-Dichlorobenzene-d4	7.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8 56
2		1,3-Dioxolane, 2-methyl-	88 C4H8O2	000497-26-7 32
3		1-(2-Methoxyethoxy)-2-methyl-2-propanol, methyl ether	162 C8H18O3	1000364-24-4 17
4		Silane, tetramethyl-	88 C4H12Si	000075-76-3 12
5		N-Ethylformamide	73 C3H7NO	000627-45-2 9



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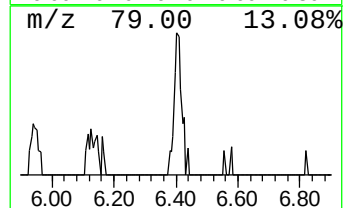
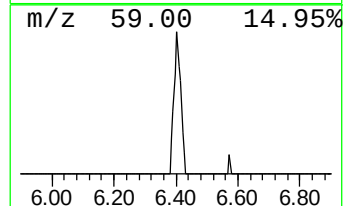
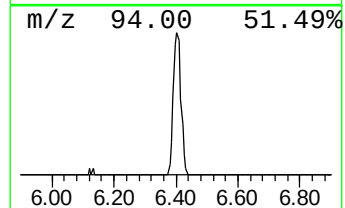
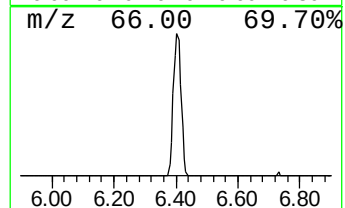
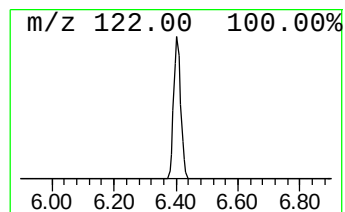
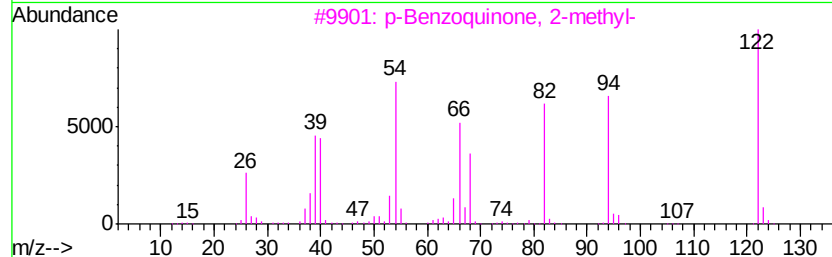
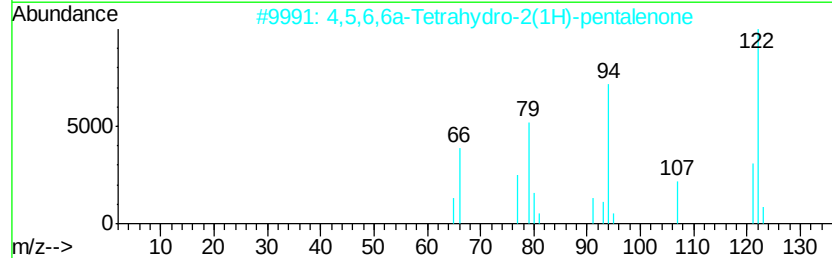
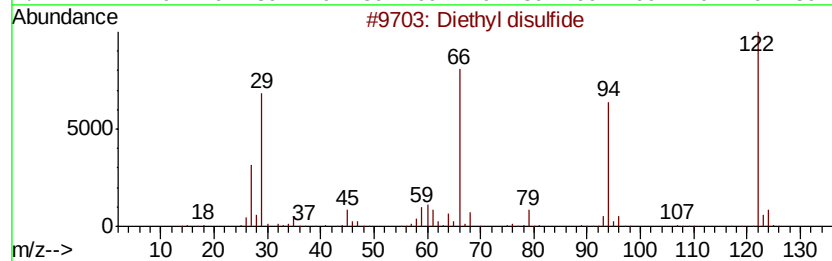
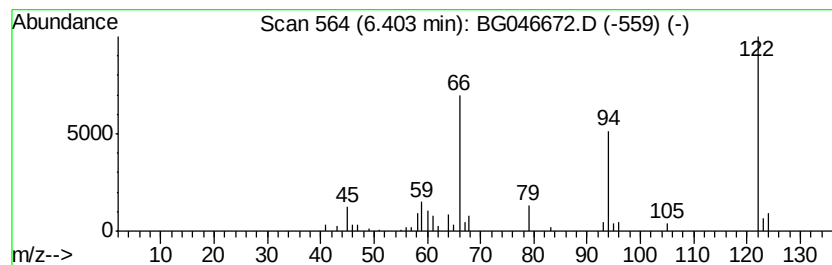
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Diethyl disulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	2.65 ng	59097	1,4-Dichlorobenzene-d4	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyl disulfide	122	C4H10S2	000110-81-6	95
2		4,5,6,6a-Tetrahydro-2(1H)-pental...	122	C8H10O	072200-41-0	72
3		p-Benzoquinone, 2-methyl-	122	C7H6O2	000553-97-9	64
4		Diethyl sulfone	122	C4H10O2S	000597-35-3	53
5		2,4,6-Cycloheptatrien-1-one, 2-h...	122	C7H6O2	000533-75-5	50



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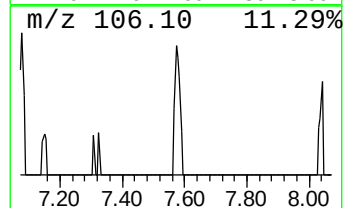
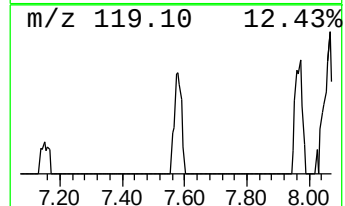
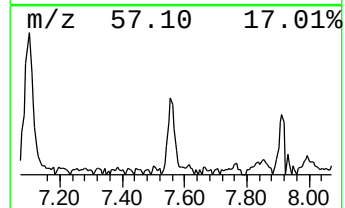
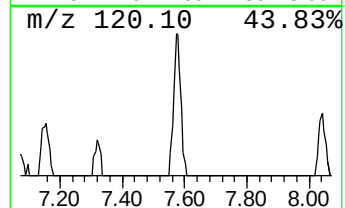
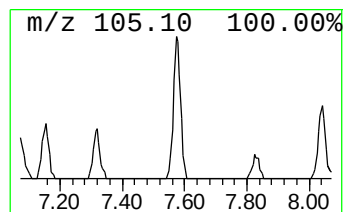
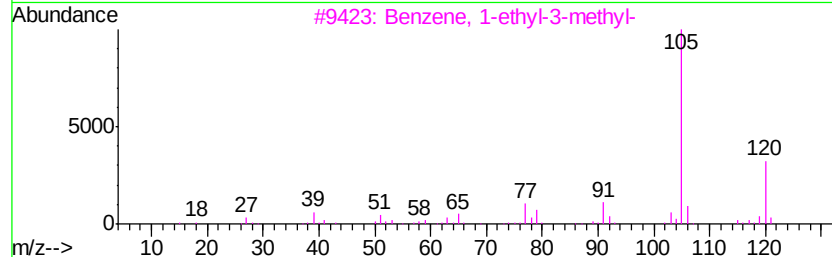
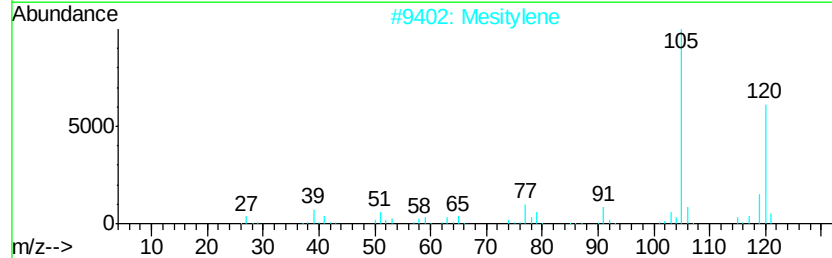
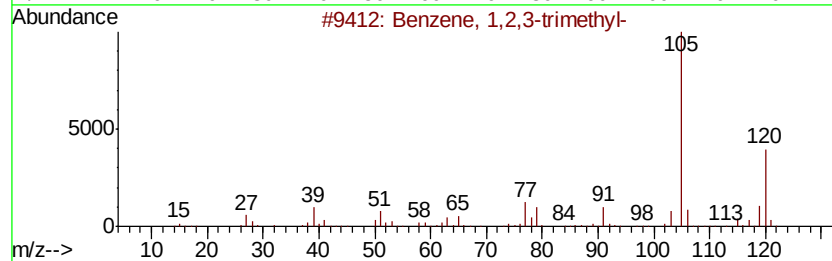
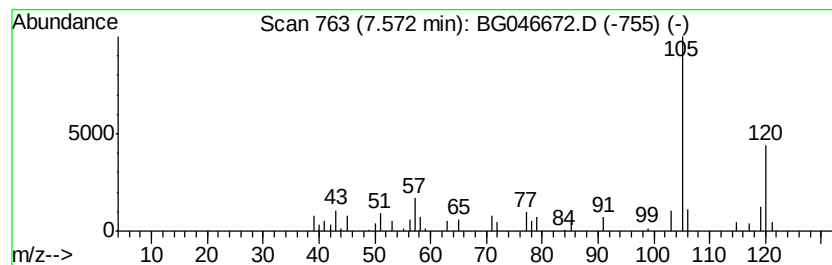
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	2.09 ng	46552	1,4-Dichlorobenzene-d4	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
2		Mesitylene	120	C9H12	000108-67-8	87
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	80
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80



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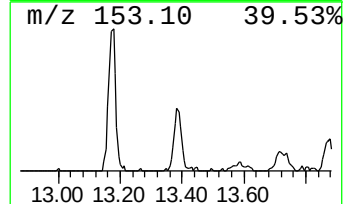
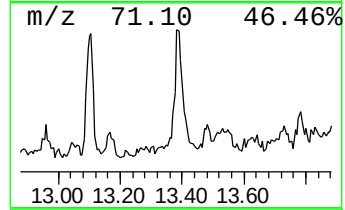
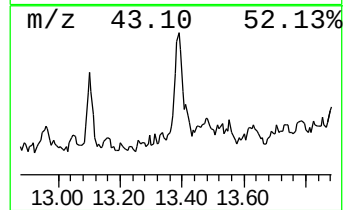
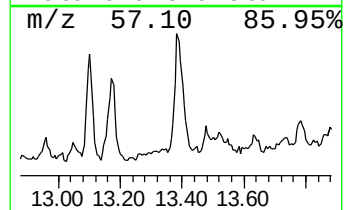
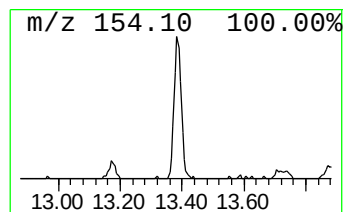
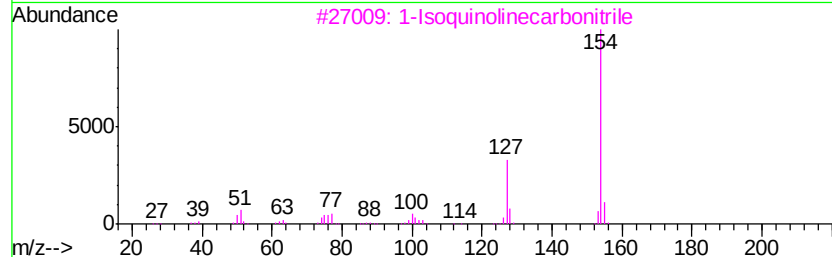
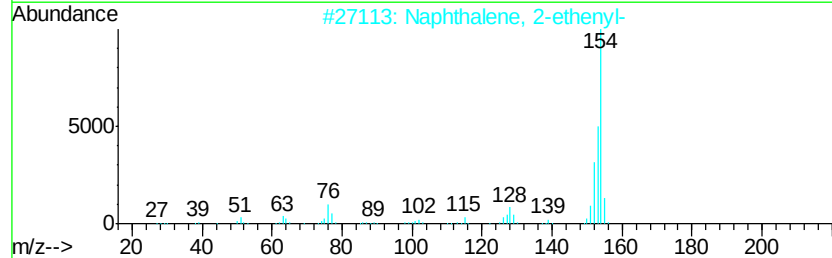
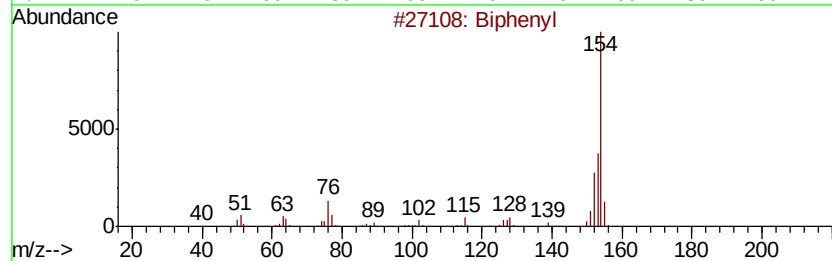
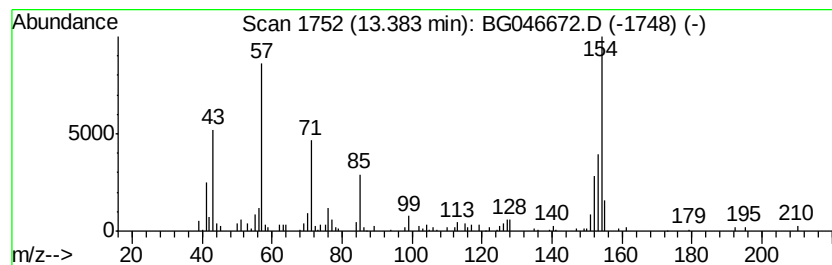
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 Biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.03 ng	94205	Acenaphthene-d10	14.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Biphenyl	154 C12H10	000092-52-4	55
2	Naphthalene, 2-ethenyl-	154 C12H10	000827-54-3	55
3	1-Isoquinolinecarbonitrile	154 C10H6N2	001198-30-7	27
4	2,4(1H,3H)-Pyrimidinedione, 1,3,...	154 C7H10N2O2	004401-71-2	22
5	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	22



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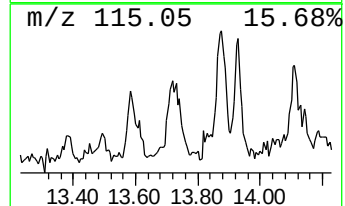
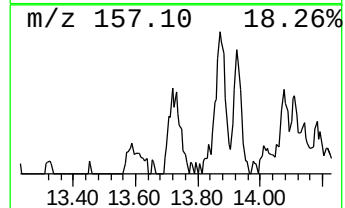
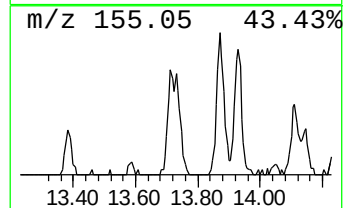
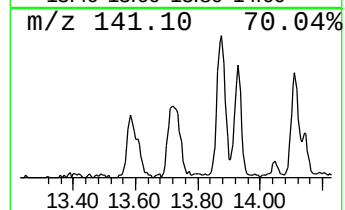
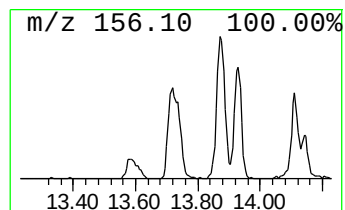
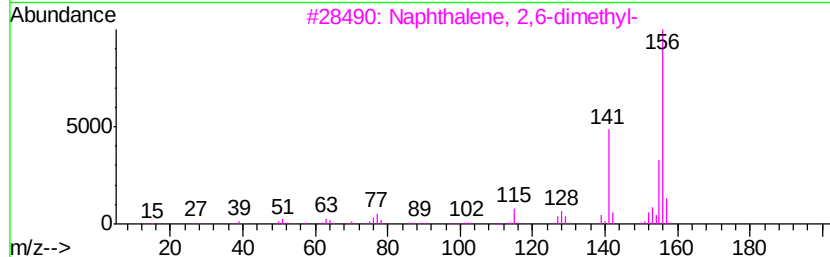
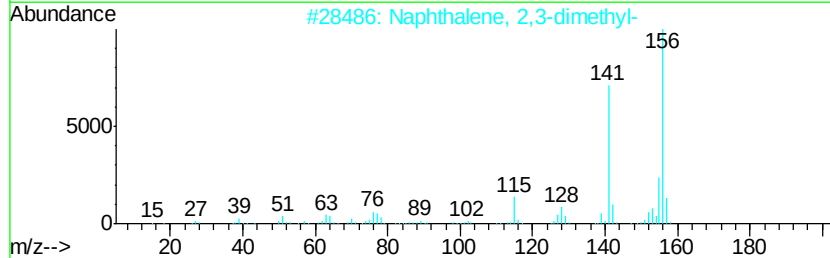
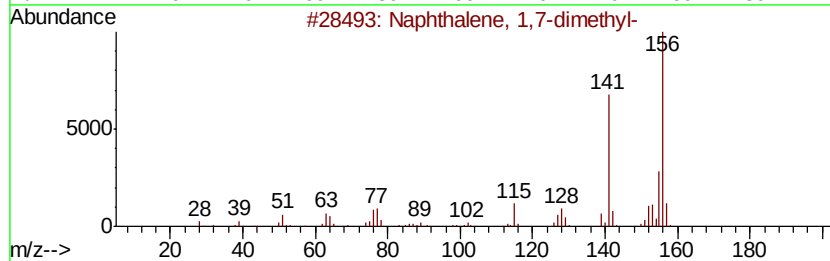
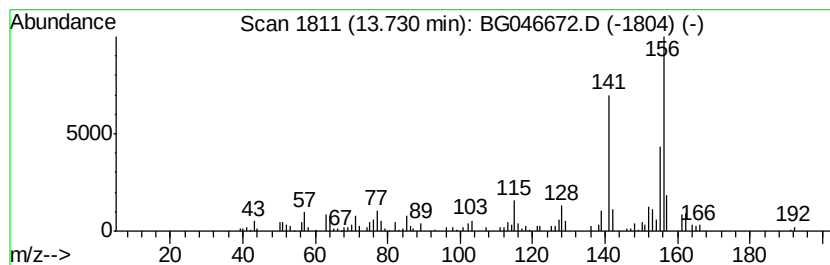
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Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.06 ng	95612	Acenaphthene-d10	14.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 94
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 94
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 94



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Misc :
ALS Vial : 5 Sample Multiplier: 1

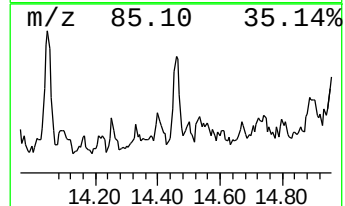
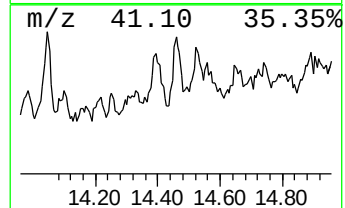
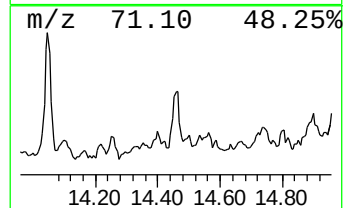
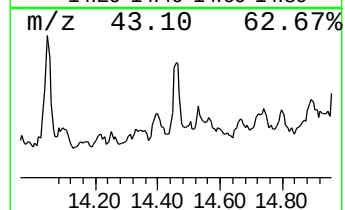
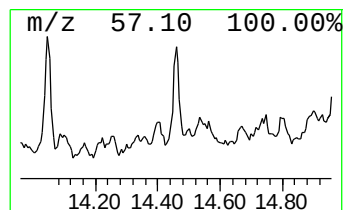
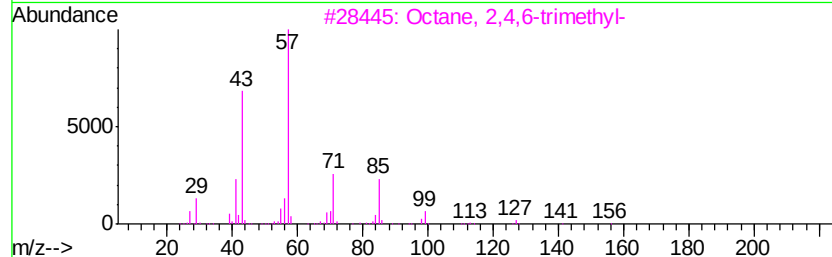
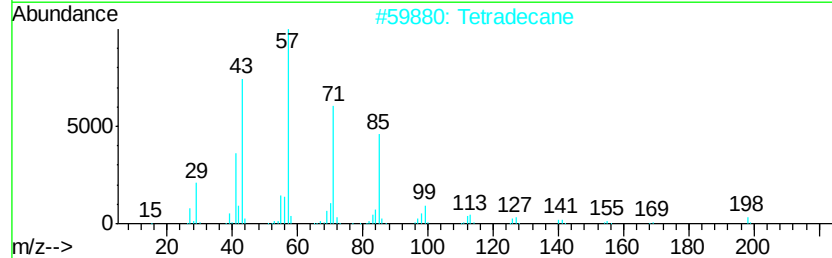
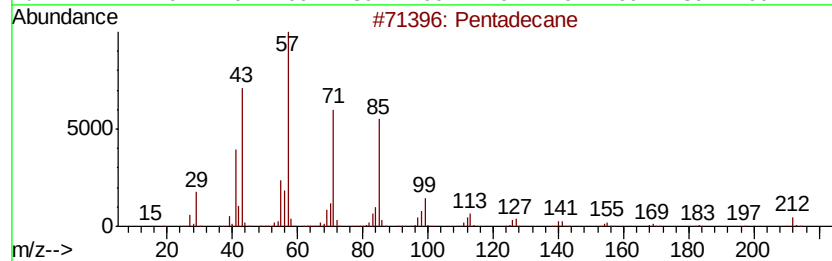
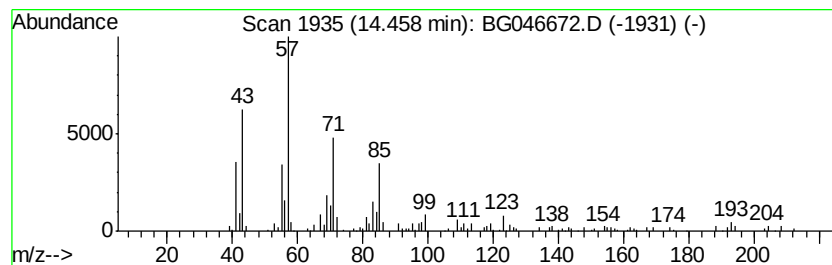
Instrument :
BNA_G
ClientSampleId :
KTS-ST-0102-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.46	2.11 ng	97821	Acenaphthene-d10		14.55
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane	198	C14H30	000629-59-4	72
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Hexatriacontane	507	C36H74	000630-06-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
Data File : BG046672.D
Acq On : 18 Sep 2020 16:45
Operator : CG/JU
Sample : L4074-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

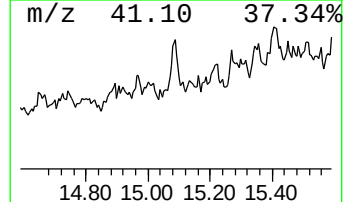
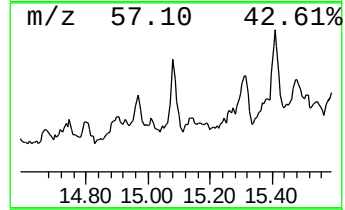
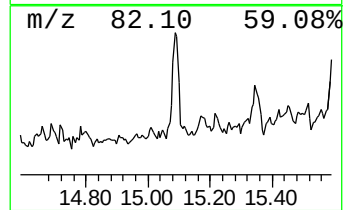
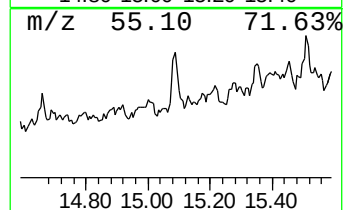
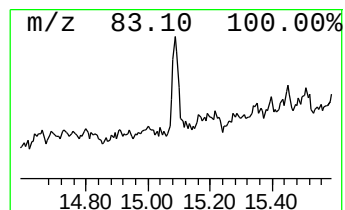
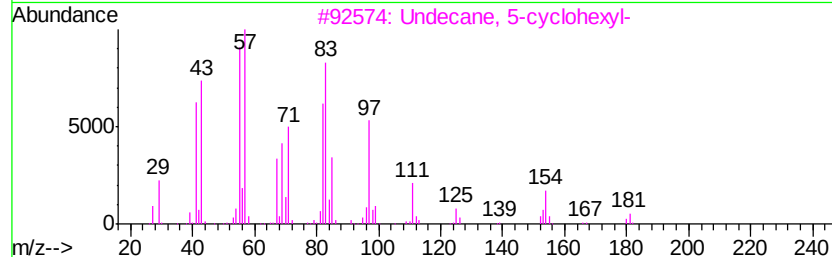
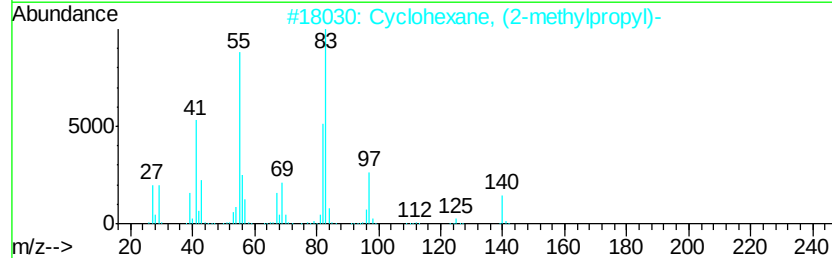
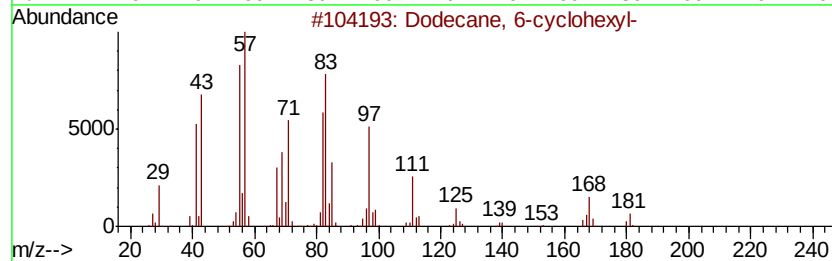
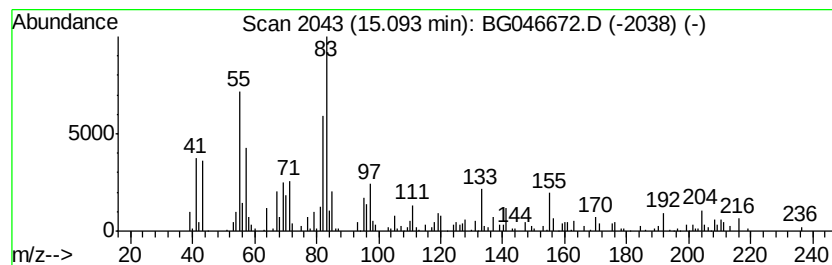
Instrument :
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ClientSampleId :
KTS-ST-0102-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 6-cyclohexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.74 ng	126938	Acenaphthene-d10	14.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 6-cyclohexyl-	252 C18H36	013151-86-5	53
2	Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4	43
3	Undecane, 5-cyclohexyl-	238 C17H34	013151-80-9	43
4	Ethanone, 1-(1-methylcyclopentyl)-	126 C8H14O	013388-93-7	30
5	Oxalic acid, cyclobutyl heptadec...	382 C23H42O4	1000309-70-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046672.D
 Acq On : 18 Sep 2020 16:45
 Operator : CG/JU
 Sample : L4074-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

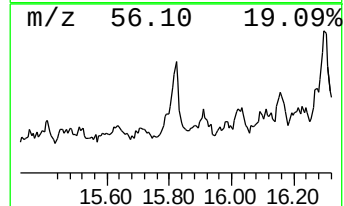
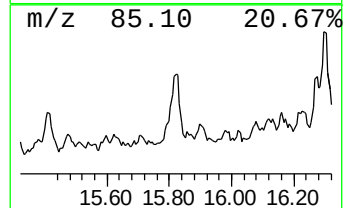
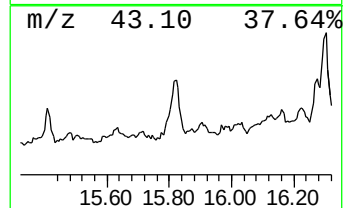
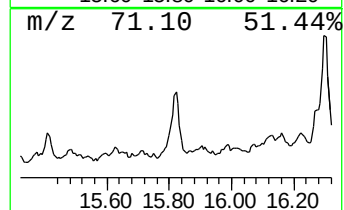
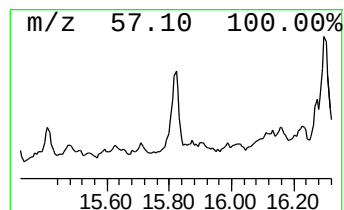
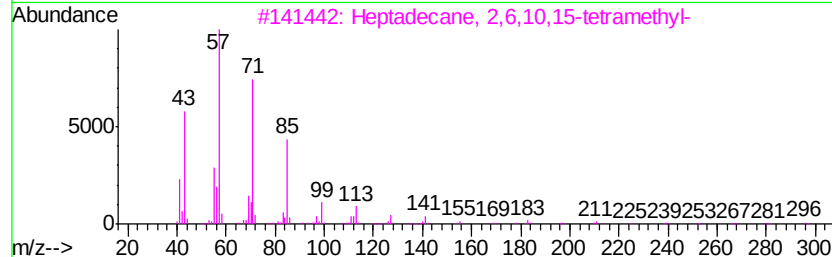
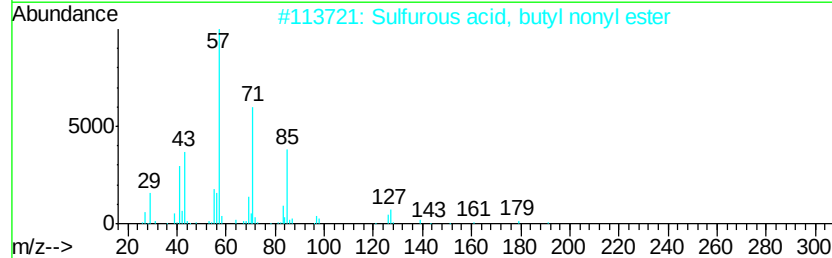
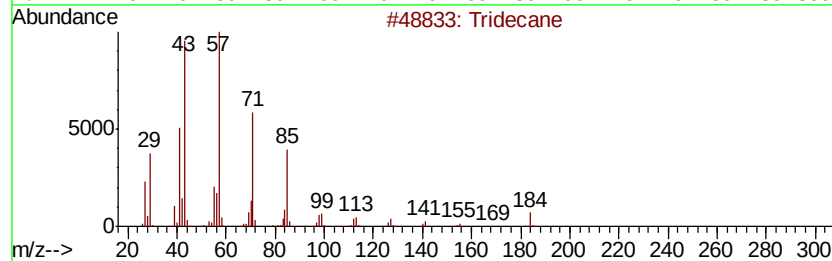
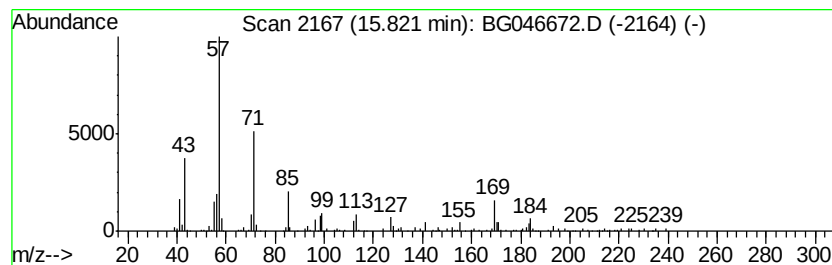
Instrument :
 BNA_G
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	3.43 ng	159125	Acenaphthene-d10	14.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	62
2	Sulfurous acid, butyl nonyl ester	264 C13H28O3S	1000309-17-6	59
3	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	59
4	3,5-Dimethyldodecane	198 C14H30	107770-99-0	50
5	Decane, 3-methyl-	156 C11H24	013151-34-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091820\
Data File : BG046672.D
Acq On : 18 Sep 2020 16:45
Operator : CG/JU
Sample : L4074-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS-ST-0102-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.12	3.9	ng	87777	1	7.92	446524	20.0
Diethyl disulfide	6.40	2.6	ng	59097	1	7.92	446524	20.0
Benzene, 1,2,3-tr...	7.57	2.1	ng	46552	1	7.92	446524	20.0
Biphenyl	13.38	2.0	ng	94205	3	14.55	927979	20.0
Naphthalene, 1,7-...	13.73	2.1	ng	95612	3	14.55	927979	20.0
Pentadecane	14.46	2.1	ng	97821	3	14.55	927979	20.0
Dodecane, 6-cyclo...	15.09	2.7	ng	126938	3	14.55	927979	20.0
Tridecane	15.82	3.4	ng	159125	3	14.55	927979	20.0