

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
 Data File : BG042369.D
 Acq On : 20 Aug 2019 22:31
 Operator : HP/JU
 Sample : K4388-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T4-D-(0-2)

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-BG081919.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	3.132	3	7	25	rVB	504110	987185	38.23%	4.800%
2	5.571	414	422	429	rBV	660185	1115691	43.20%	5.425%
3	5.629	429	432	441	rVB	22274	43429	1.68%	0.211%
4	7.175	685	695	712	rBV	702301	1293037	50.07%	6.287%
5	7.539	749	757	767	rBV	765340	1337198	51.78%	6.502%
6	8.009	830	837	844	rBV	233806	403091	15.61%	1.960%
7	8.250	870	878	885	rBV2	26933	54319	2.10%	0.264%
8	8.332	885	892	903	rVB	592192	1032937	40.00%	5.023%
9	9.172	1028	1035	1045	rVB	420640	769238	29.79%	3.740%
10	10.829	1308	1317	1324	rBV	293122	563764	21.83%	2.741%
11	13.285	1727	1735	1747	rBV	1264514	2000511	77.46%	9.728%
12	14.108	1869	1875	1887	rBV	47323	75797	2.93%	0.369%
13	14.307	1903	1909	1919	rBV	69599	151529	5.87%	0.737%
14	14.666	1959	1970	1976	rBV	526650	840691	32.55%	4.088%
15	16.152	2217	2223	2229	rBV	1020374	1641067	63.54%	7.980%
16	16.405	2262	2266	2270	rVB	38377	50689	1.96%	0.246%
17	16.493	2277	2281	2286	rBV	71072	111971	4.34%	0.544%
18	16.552	2287	2291	2298	rVV2	81232	159372	6.17%	0.775%
19	16.616	2298	2302	2306	rVV2	78629	119079	4.61%	0.579%
20	16.657	2306	2309	2314	rVB	42163	58000	2.25%	0.282%
21	16.816	2332	2336	2342	rVB4	59126	107166	4.15%	0.521%
22	16.881	2343	2347	2351	rBV	80126	112365	4.35%	0.546%
23	16.957	2357	2360	2364	rVB2	44316	58042	2.25%	0.282%
24	17.163	2391	2395	2400	rBV	165410	217282	8.41%	1.057%
25	17.269	2409	2413	2417	rVB2	85489	114700	4.44%	0.558%
26	17.415	2432	2438	2442	rBV2	605390	929940	36.01%	4.522%
27	17.457	2442	2445	2452	rVB	135111	210663	8.16%	1.024%
28	18.308	2587	2590	2593	rBV2	81780	101143	3.92%	0.492%
29	19.472	2783	2788	2794	rVB	325333	461960	17.89%	2.246%
30	19.830	2846	2849	2854	rVB	281136	362925	14.05%	1.765%
31	20.030	2878	2883	2889	rVB	1974033	2582532	100.00%	12.558%
32	21.581	3144	3147	3152	rVB	115639	150121	5.81%	0.730%
33	21.693	3159	3166	3171	rBV2	682971	1340686	51.91%	6.519%
34	24.936	3711	3718	3727	rBV2	365077	1007248	39.00%	4.898%

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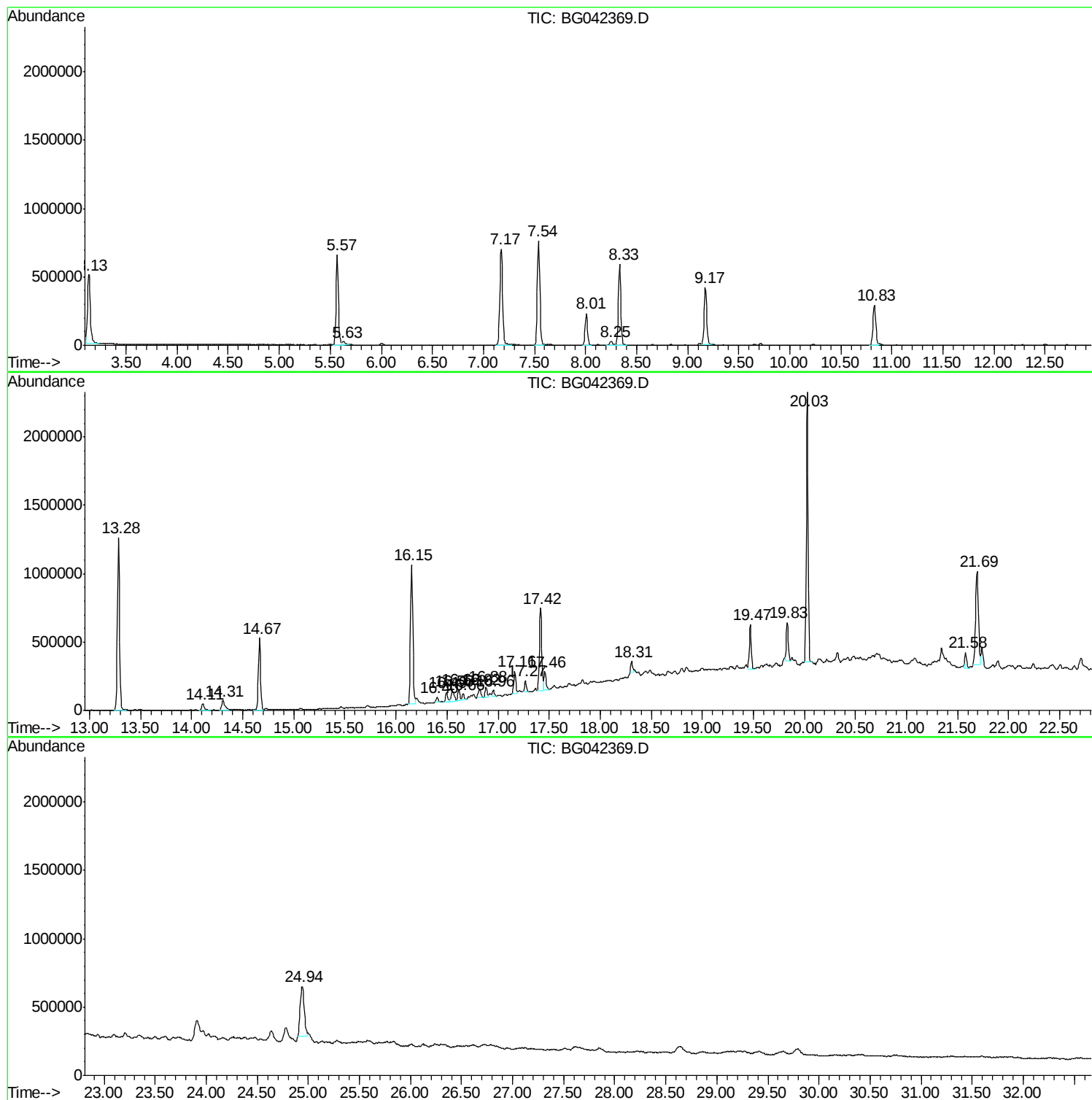
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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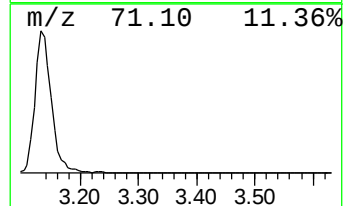
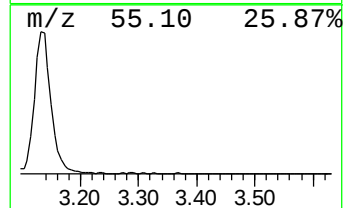
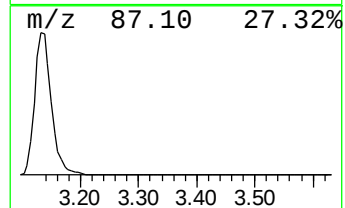
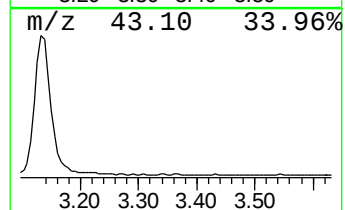
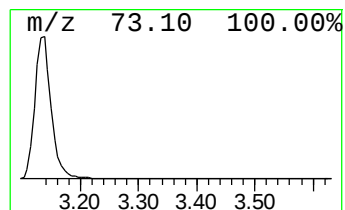
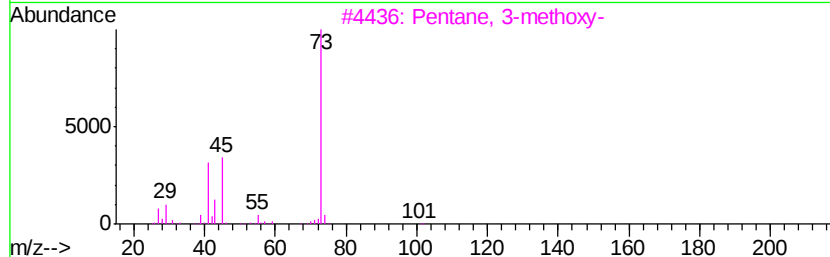
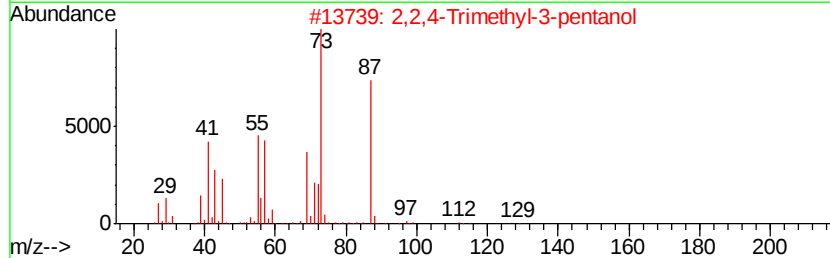
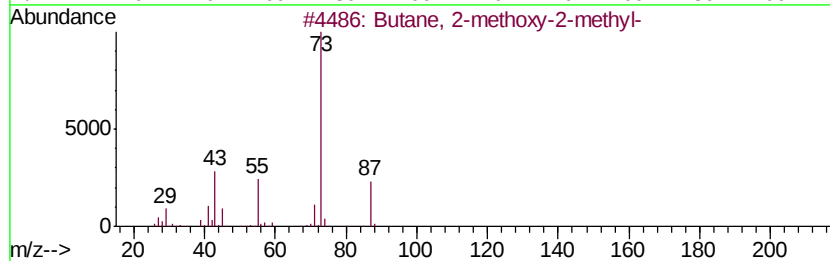
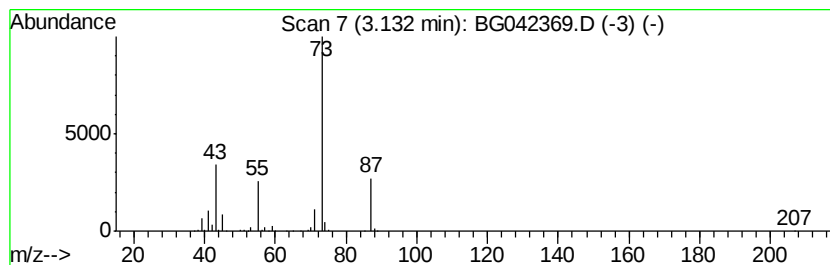
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TIC Library : C:\Database\NIST11.L
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	48.98 ng	987185	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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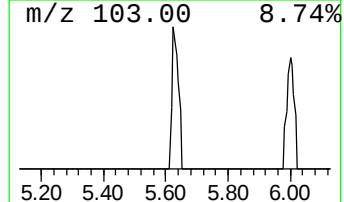
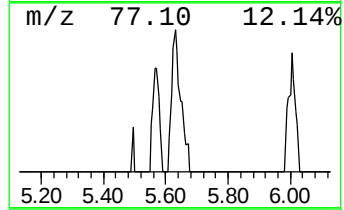
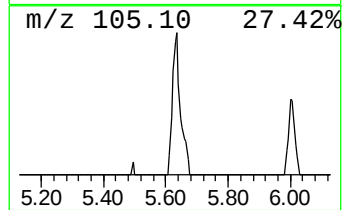
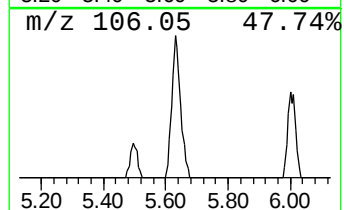
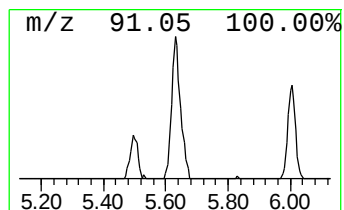
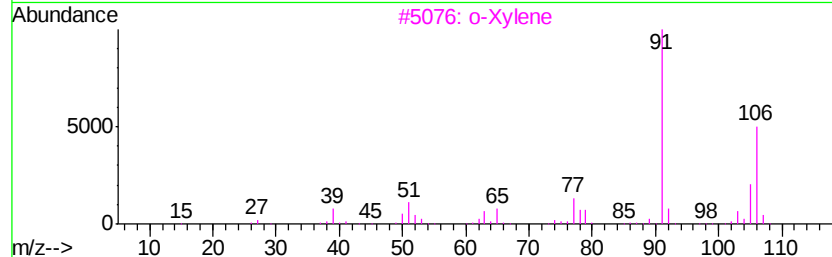
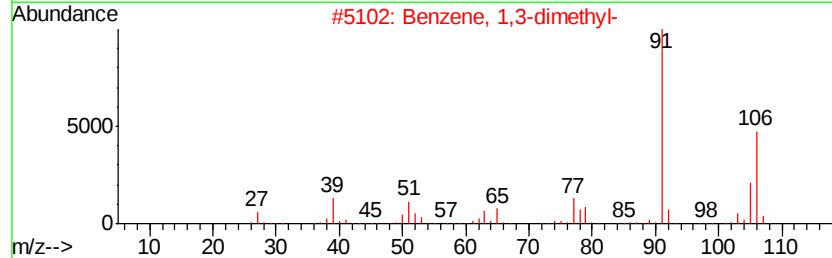
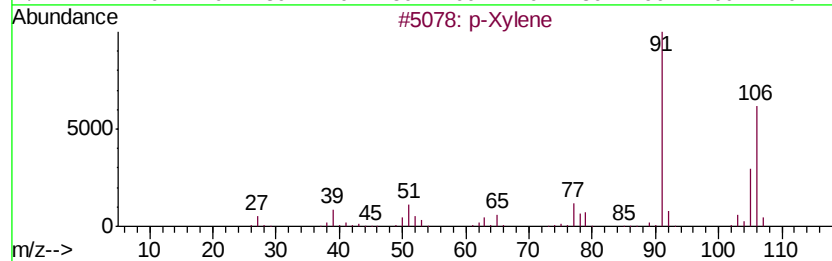
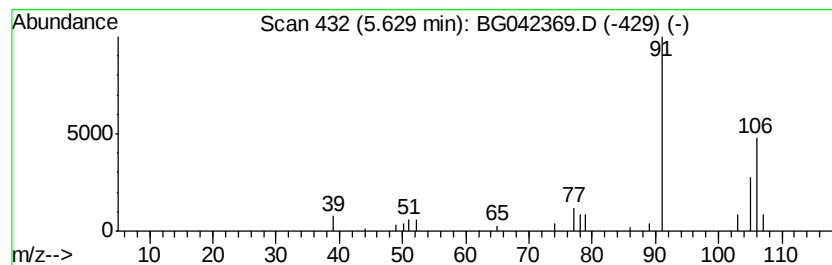
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	2.15 ng	43429	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Xylene	106	C8H10	000106-42-3	90
2		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90
3		o-Xylene	106	C8H10	000095-47-6	90
4		Ethylbenzene	106	C8H10	000100-41-4	72
5		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	59



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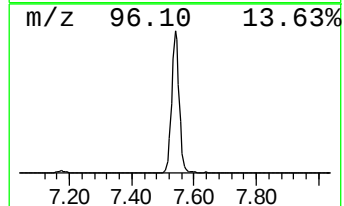
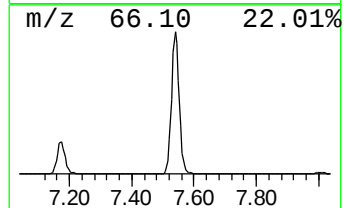
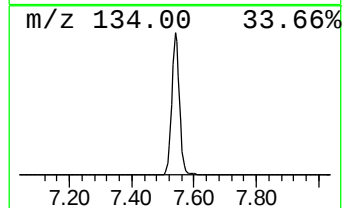
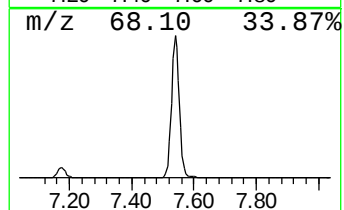
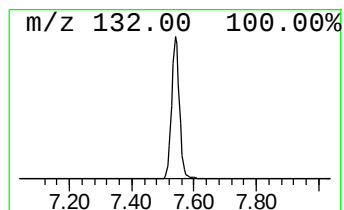
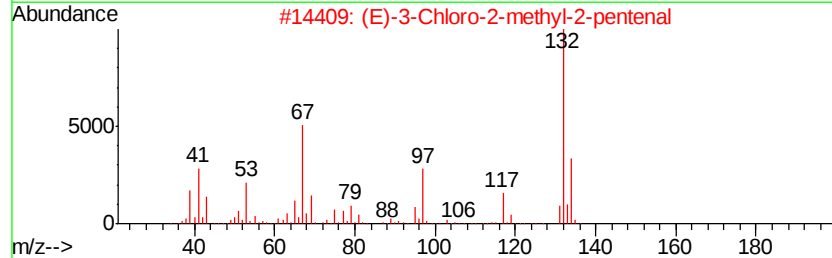
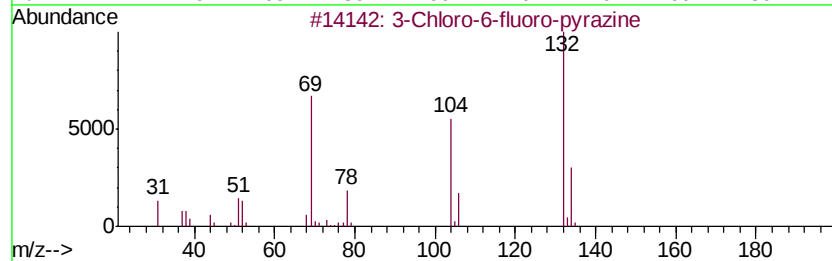
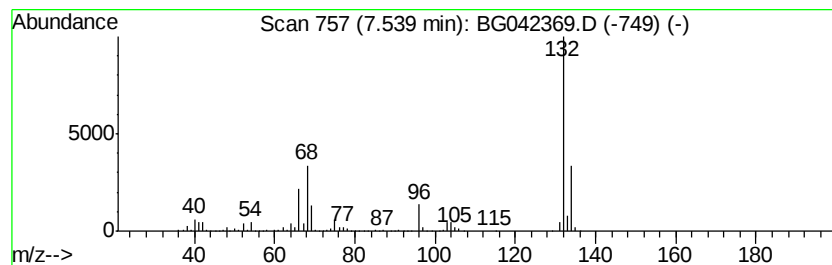
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	66.35 ng	1337200	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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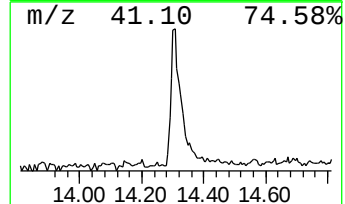
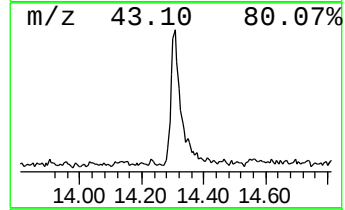
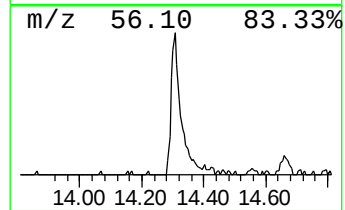
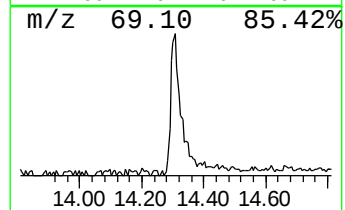
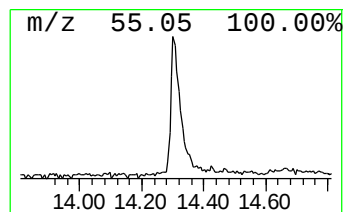
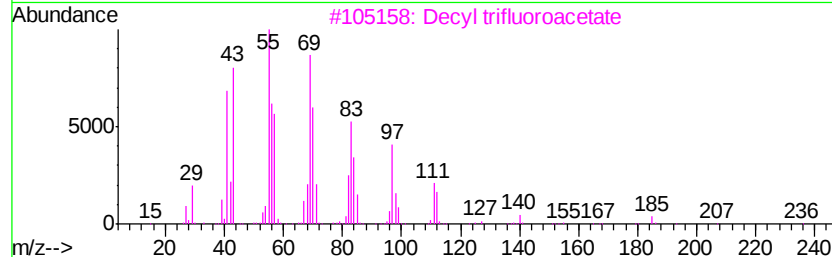
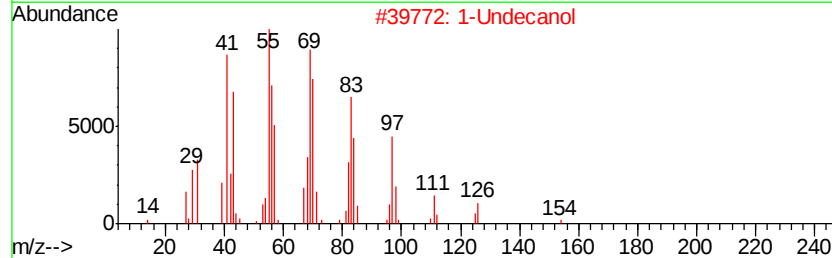
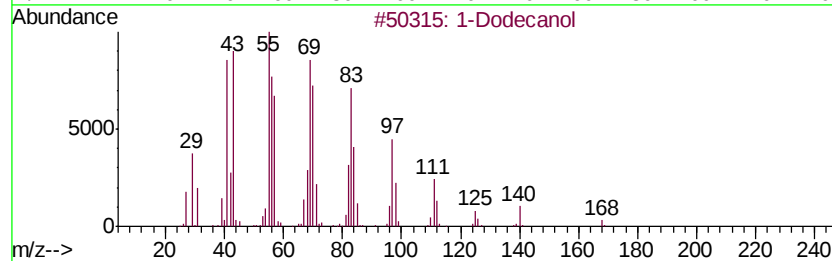
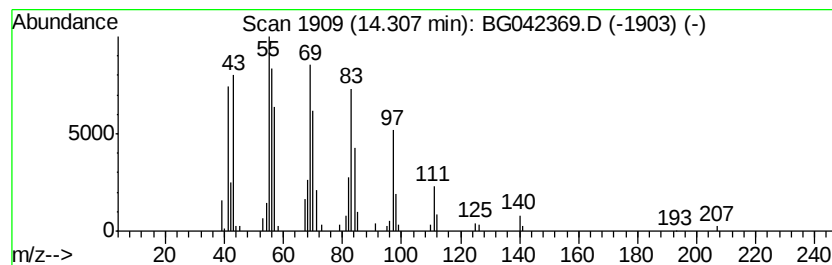
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Peak Number 5 1-Dodecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	3.60 ng	151529	Acenaphthene-d10	14.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol	186	C12H26O	000112-53-8	91
2		1-Undecanol	172	C11H24O	000112-42-5	91
3		Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	91
4		Pentafluoropropionic acid, decyl...	304	C13H21F5O2	959000-65-8	91
5		n-Tridecan-1-ol	200	C13H28O	000112-70-9	91



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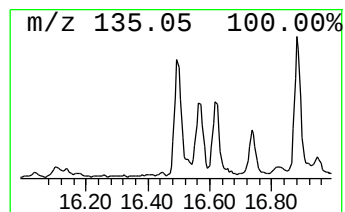
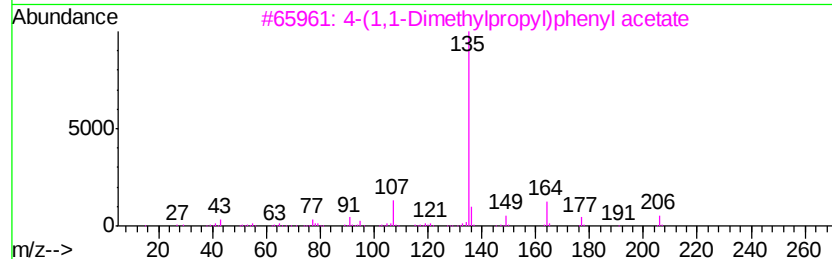
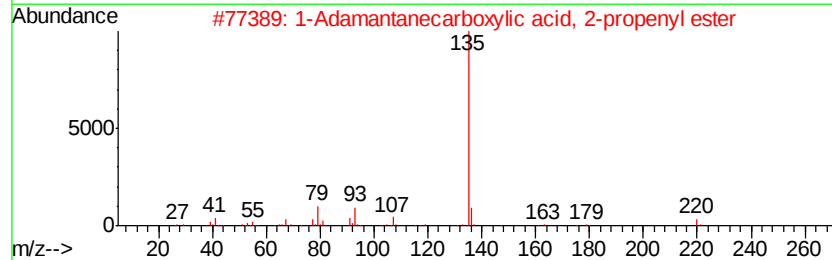
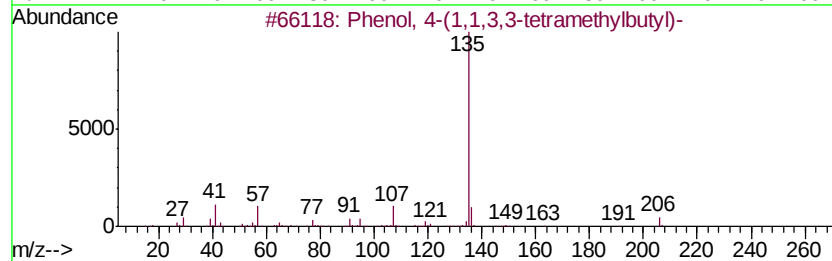
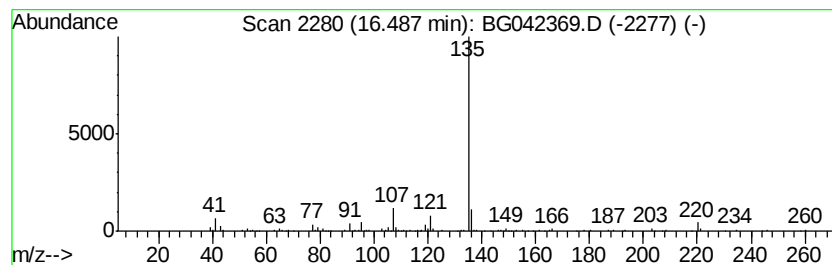
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Peak Number 6 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.49	2.41 ng	111971	Phenanthrene-d10	17.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	72
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	56
4	4,4'-Dimethoxybenzil	270	C16H14O4	001226-42-2	50
5	D-Alanine, N-(3-anisoyl)-, butyl...	279	C15H21NO4	1000354-04-3	50



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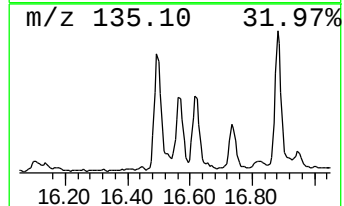
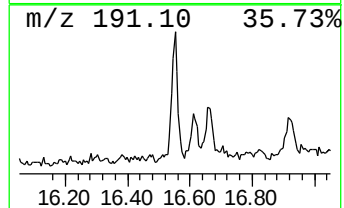
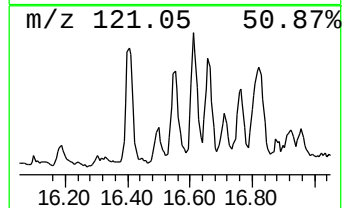
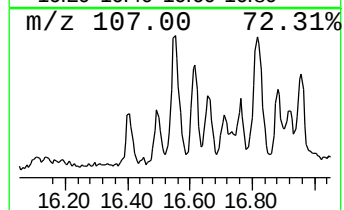
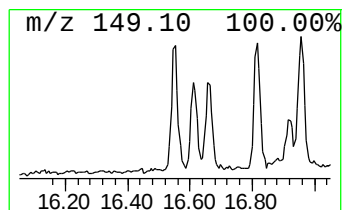
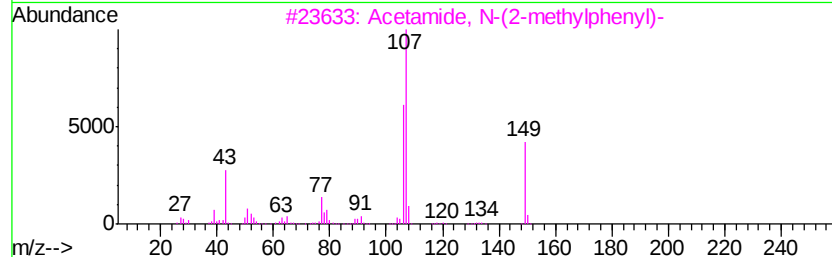
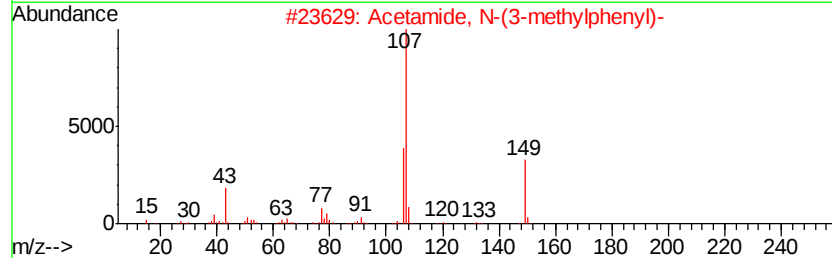
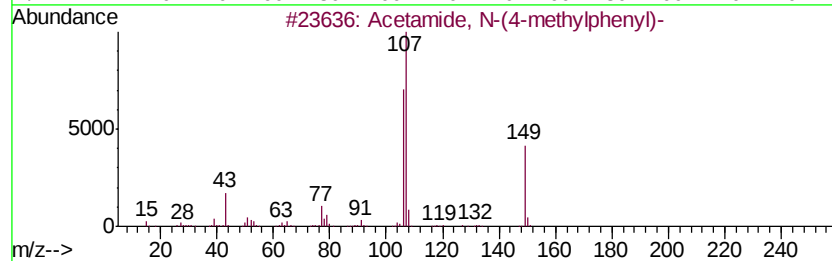
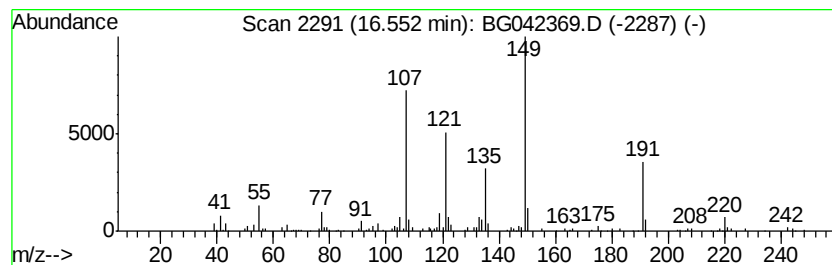
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ClientSampleId :
T4-D-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Acetamide, N-(4-methylphenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.55	3.43 ng	159372	Phenanthrene-d10	17.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	52
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	52
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	50
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
5	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042369.D
Acq On : 20 Aug 2019 22:31
Operator : HP/JU
Sample : K4388-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

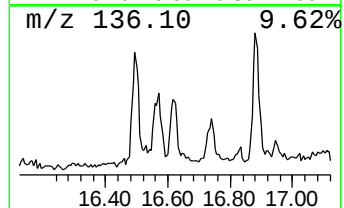
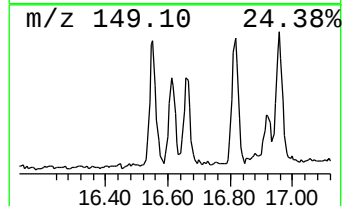
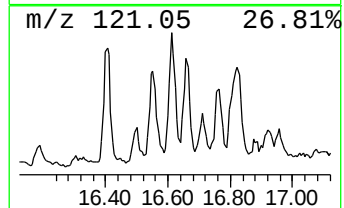
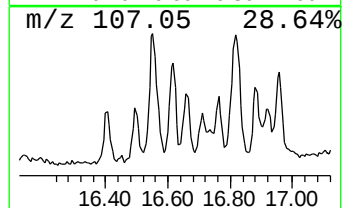
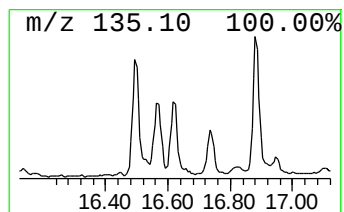
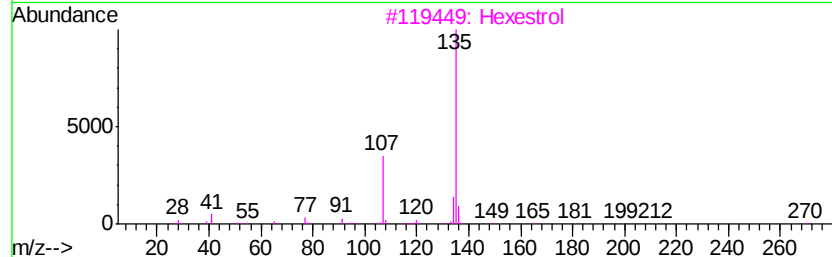
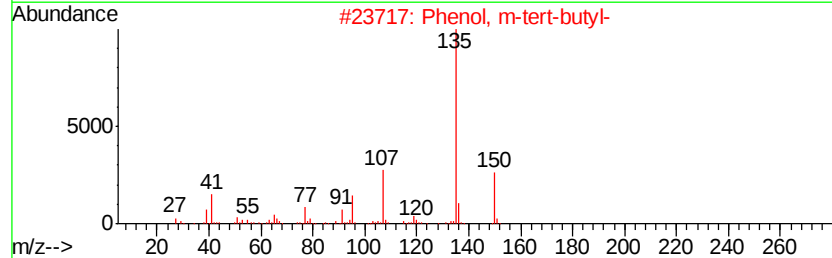
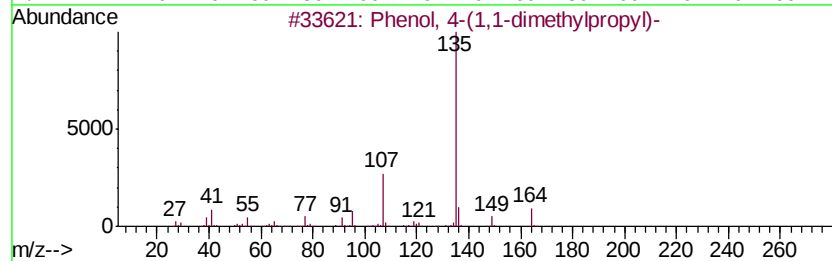
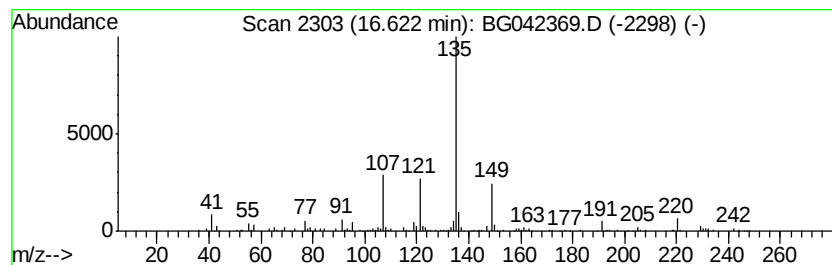
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ClientSampleId :
T4-D-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenol, 4-(1,1-dimethylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.62	2.56 ng	119079	Phenanthrene-d10		17.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	53
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
3	Hexestrol	270	C18H22O2	000084-16-2	50
4	Hexestrol, 0-acetyl-	312	C20H24O3	1000374-87-8	43
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042369.D
Acq On : 20 Aug 2019 22:31
Operator : HP/JU
Sample : K4388-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

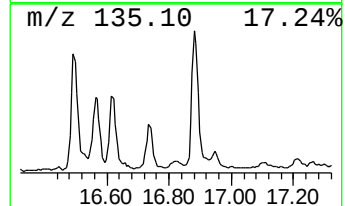
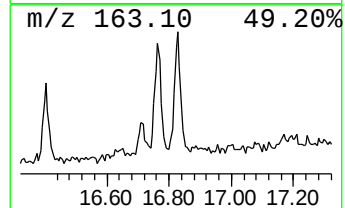
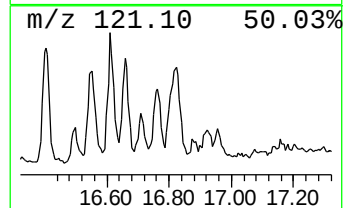
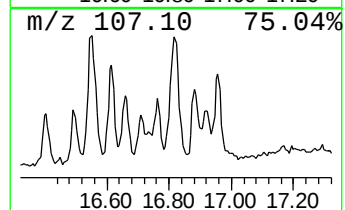
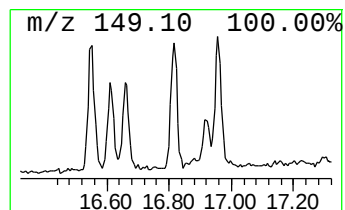
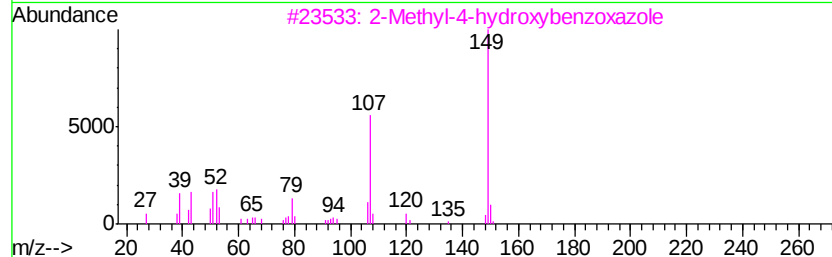
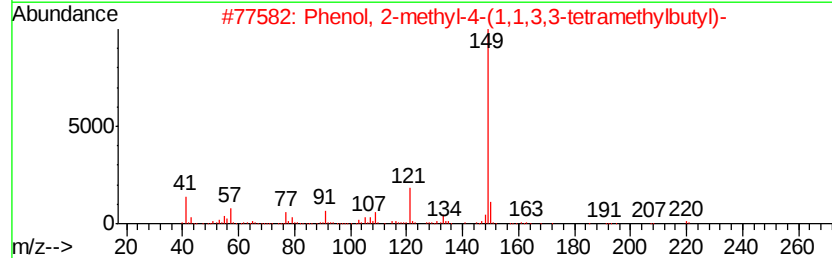
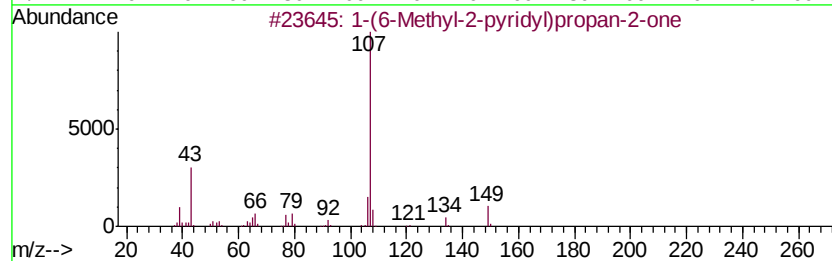
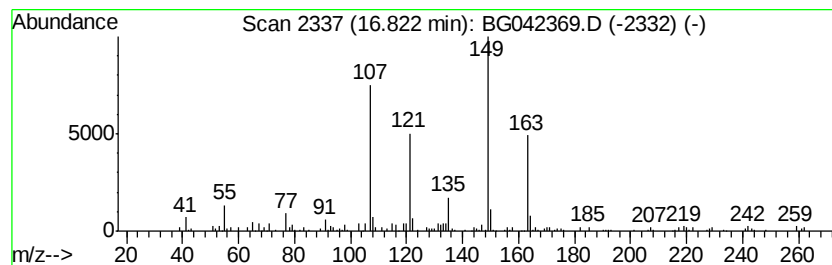
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-(6-Methyl-2-pyridyl)propan-2-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.82	2.30 ng	107166	Phenanthrene-d10	17.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	58
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	53
3	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	53
4	Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	49
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042369.D
Acq On : 20 Aug 2019 22:31
Operator : HP/JU
Sample : K4388-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

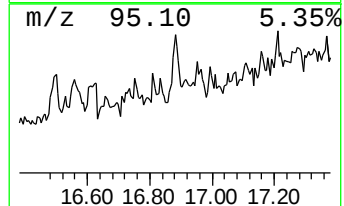
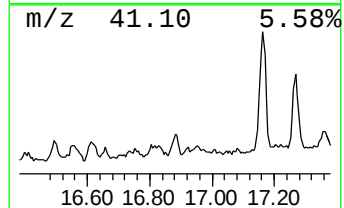
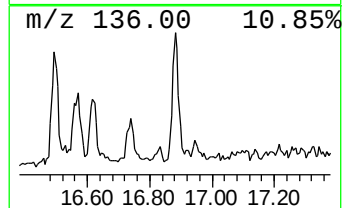
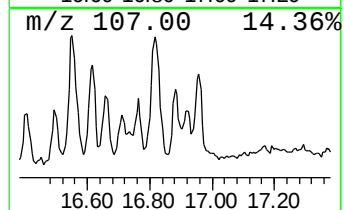
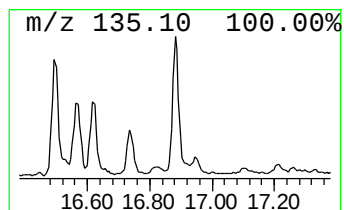
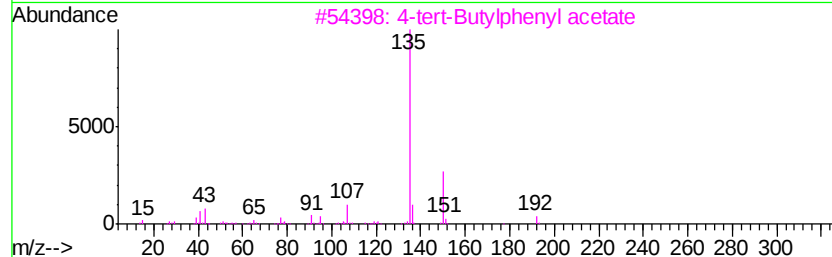
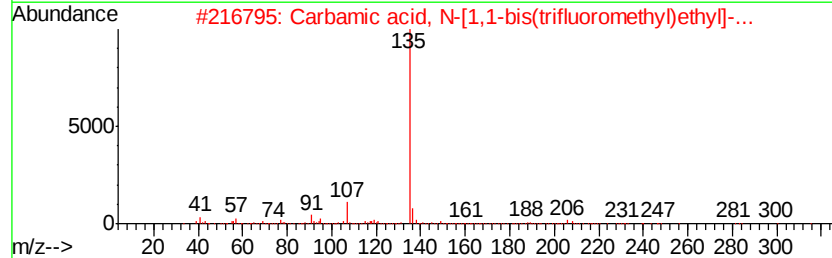
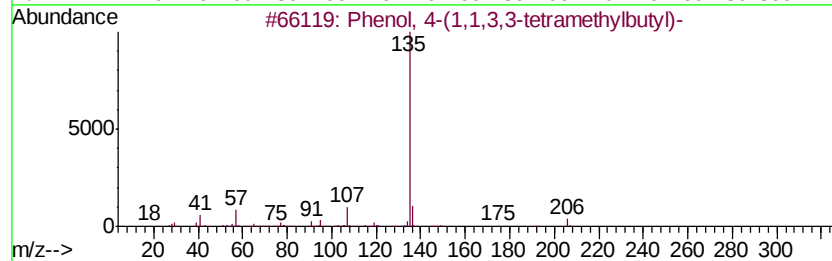
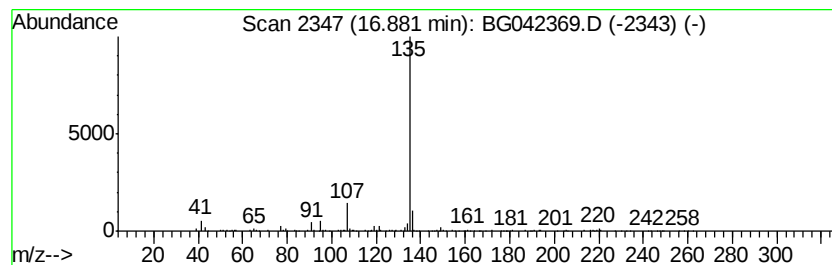
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ClientSampleId :
T4-D-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Carbamic acid, N-[1,1-bis(t... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.88	2.42 ng	112365	Phenanthrene-d10	17.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2		Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	72
3		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
4		4-Methyl-2-(phenylacetyl)phenol	226	C15H14O2	024258-63-7	64
5		1-n-Hexyladamantane	220	C16H28	022458-75-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042369.D
Acq On : 20 Aug 2019 22:31
Operator : HP/JU
Sample : K4388-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T4-D-(0-2)

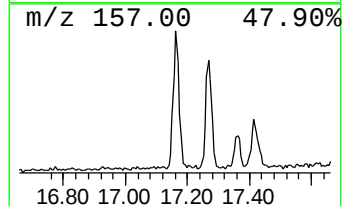
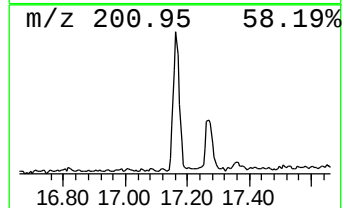
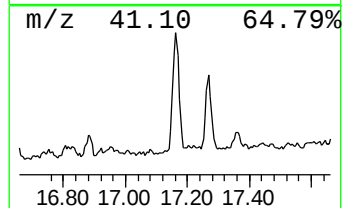
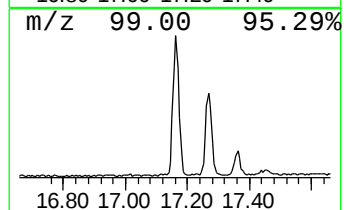
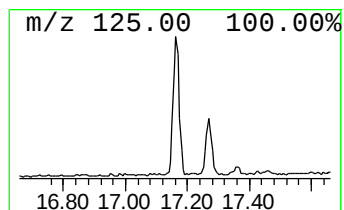
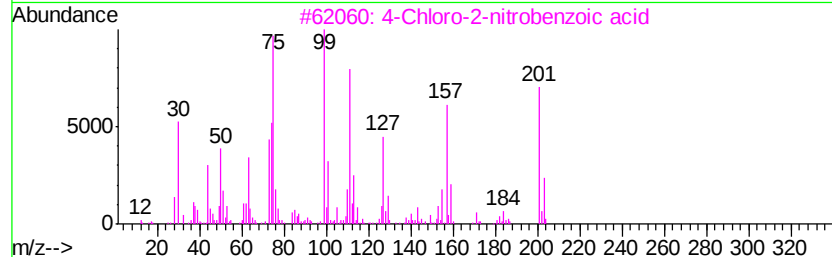
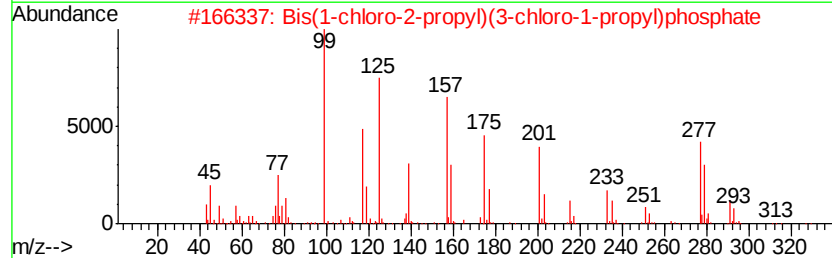
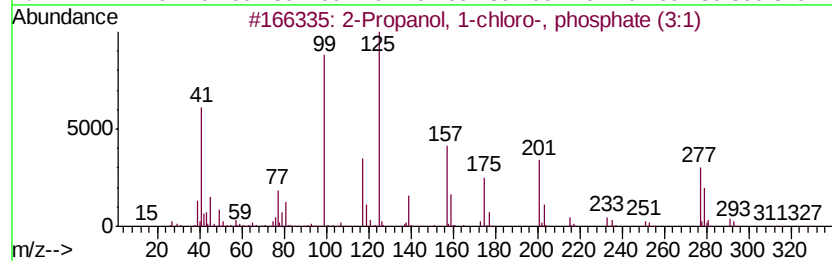
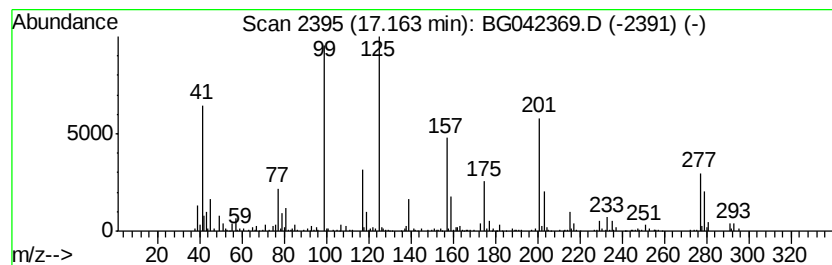
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-Propanol, 1-chloro-, phos... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	4.67 ng	217282	Phenanthrene-d10	17.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93
2			Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	38
3			4-Chloro-2-nitrobenzoic acid	201	C7H4ClN04	006280-88-2	27
4			2-Butyl methylphosphonofluoridate	154	C5H12F02P	000352-52-3	25
5			Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042369.D
Acq On : 20 Aug 2019 22:31
Operator : HP/JU
Sample : K4388-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

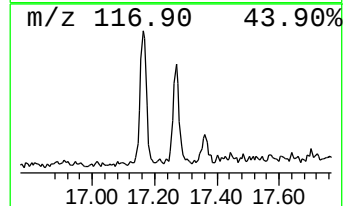
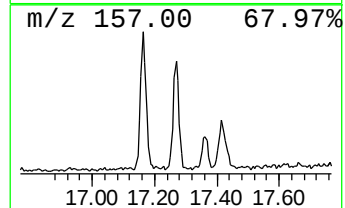
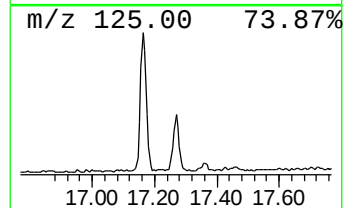
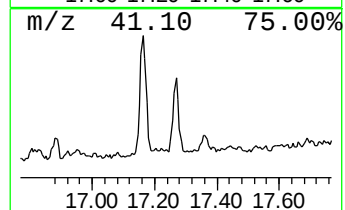
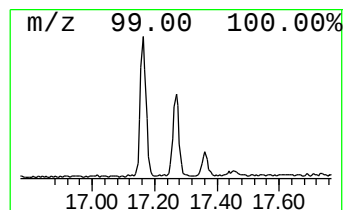
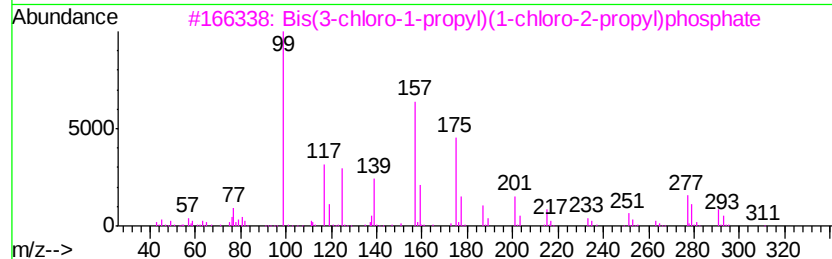
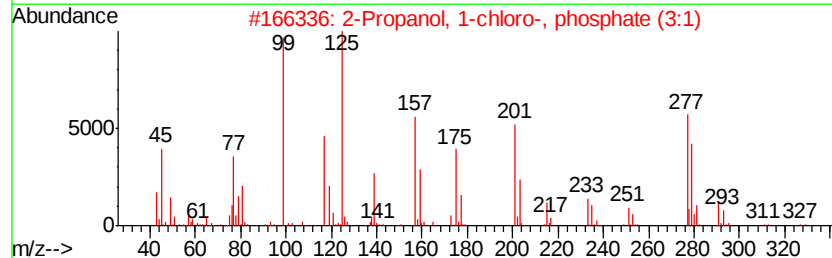
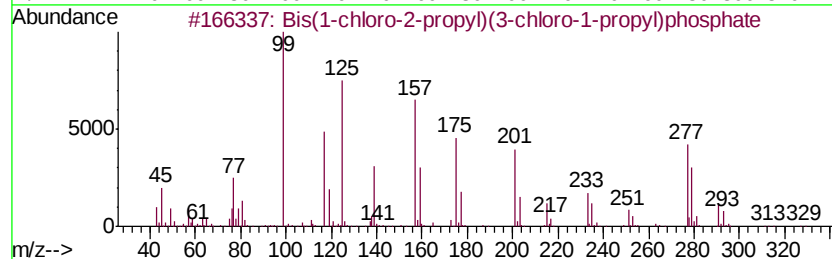
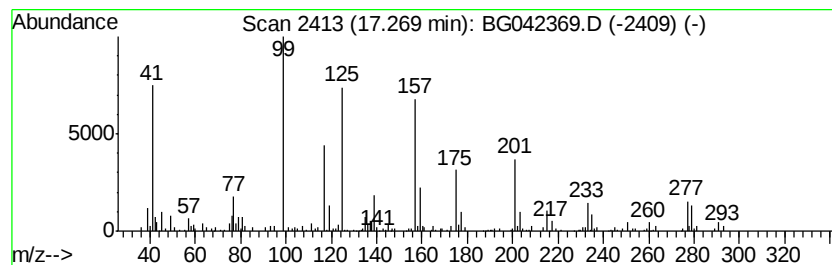
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.27	2.47 ng	114700	Phenanthrene-d10	17.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	64
2		2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	59
3		Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	58
4		Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	27
5		1-[5-Nitro-6-uracilyl]-2-[4-fluo...	277	C12H8FN3O4	343354-75-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
 Data File : BG042369.D
 Acq On : 20 Aug 2019 22:31
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 ALS Vial : 9 Sample Multiplier: 1

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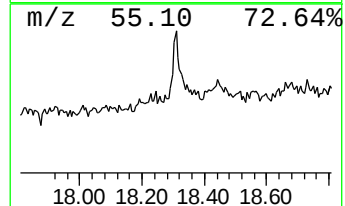
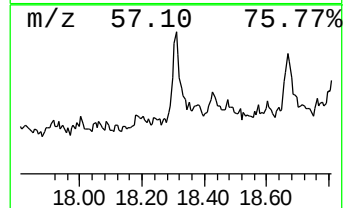
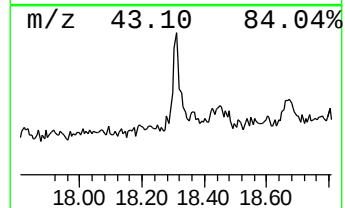
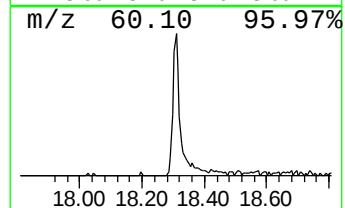
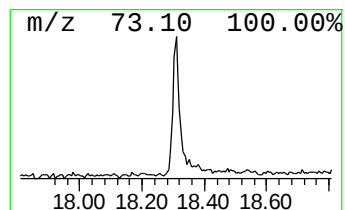
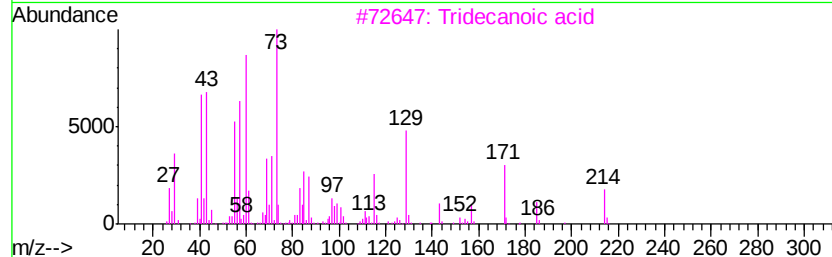
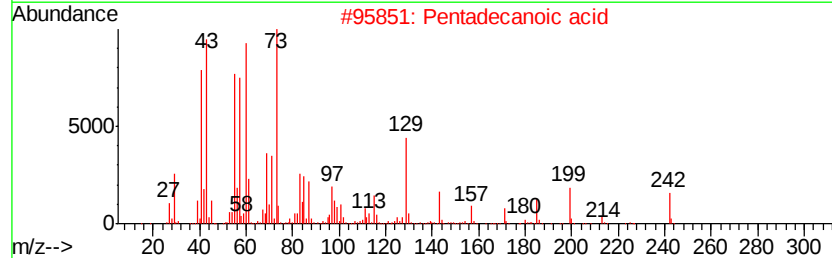
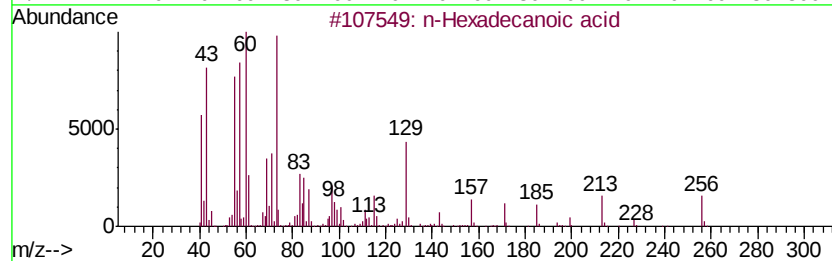
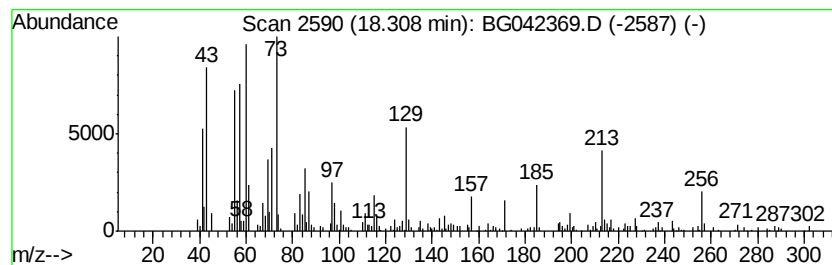
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.18 ng	101143	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3		Tridecanoic acid	214	C13H26O2	000638-53-9	53
4		Octadecanoic acid	284	C18H36O2	000057-11-4	50
5		Dodecanoic acid	200	C12H24O2	000143-07-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082019\
 Data File : BG042369.D
 Acq On : 20 Aug 2019 22:31
 Operator : HP/JU
 Sample : K4388-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T4-D-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.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...	3.13	49.0	ng	987185	1	8.01	403091	20.0
Benzene, 1,3-dime...	5.63	2.1	ng	43429	1	8.01	403091	20.0
unknown7.54	7.54	66.3	ng	1337200	1	8.01	403091	20.0
1-Dodecanol	14.31	3.6	ng	151529	3	14.67	840691	20.0
Phenol, 4-(1,1,3,...	16.49	2.4	ng	111971	4	17.42	929940	20.0
Acetamide, N-(4-m...	16.55	3.4	ng	159372	4	17.42	929940	20.0
Phenol, 4-(1,1-di...	16.62	2.6	ng	119079	4	17.42	929940	20.0
1-(6-Methyl-2-pyr...	16.82	2.3	ng	107166	4	17.42	929940	20.0
Carbamic acid, N-...	16.88	2.4	ng	112365	4	17.42	929940	20.0
2-Propanol, 1-chl...	17.16	4.7	ng	217282	4	17.42	929940	20.0
Bis(1-chloro-2-pr...	17.27	2.5	ng	114700	4	17.42	929940	20.0
n-Hexadecanoic acid	18.31	2.2	ng	101143	4	17.42	929940	20.0