

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040333.D
 Acq On : 3 Apr 2019 19:46
 Operator : JU/SJ
 Sample : K2180-27
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

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-BG032719.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	5.600	420	427	438	rBV	936882	1542352	43.20%	6.650%
2	7.204	692	700	713	rBV	946418	1707017	47.81%	7.360%
3	7.580	756	764	774	rBV	914901	1622046	45.43%	6.993%
4	8.050	836	844	854	rBV	206043	360798	10.11%	1.556%
5	8.367	891	898	907	rVB	675557	1199858	33.61%	5.173%
6	9.225	1035	1044	1060	rBV	550275	998761	27.97%	4.306%
7	10.864	1316	1323	1332	rBV	256933	483387	13.54%	2.084%
8	11.910	1493	1501	1517	rBV2	36686	112011	3.14%	0.483%
9	13.302	1731	1738	1748	rBV	1371623	2193244	61.43%	9.456%
10	14.125	1873	1878	1887	rBV	86683	135532	3.80%	0.584%
11	14.677	1966	1972	1982	rVB2	408313	664382	18.61%	2.864%
12	16.170	2219	2226	2237	rBV	1154902	1886320	52.83%	8.133%
13	17.427	2433	2440	2451	rBV	577721	899707	25.20%	3.879%
14	18.279	2581	2585	2593	rBV6	31204	61432	1.72%	0.265%
15	19.765	2833	2838	2841	rBV	37961	43406	1.22%	0.187%
16	19.807	2841	2845	2848	rVV2	42863	47778	1.34%	0.206%
17	20.024	2876	2882	2888	rBV	2665695	3570353	100.00%	15.393%
18	20.294	2924	2928	2932	rBV	56470	62994	1.76%	0.272%
19	20.794	3008	3013	3017	rBV2	96679	129153	3.62%	0.557%
20	21.299	3094	3099	3112	rBV	162327	255927	7.17%	1.103%
21	21.698	3160	3167	3174	rBV	682583	1129841	31.65%	4.871%
22	21.839	3187	3191	3200	rVB	183531	259255	7.26%	1.118%
23	22.451	3289	3295	3305	rBV	241574	407865	11.42%	1.758%
24	23.144	3407	3413	3423	rVB2	268608	489320	13.71%	2.110%
25	23.955	3543	3551	3559	rBV2	248428	555787	15.57%	2.396%
26	24.666	3663	3672	3678	rBV2	11198	39277	1.10%	0.169%
27	24.912	3706	3714	3718	rBV2	204419	533272	14.94%	2.299%
28	24.977	3719	3725	3738	rVB3	366941	1060249	29.70%	4.571%
29	26.046	3898	3907	3918	rVB2	146114	452889	12.68%	1.953%
30	27.421	4132	4141	4154	rVB4	78218	289858	8.12%	1.250%

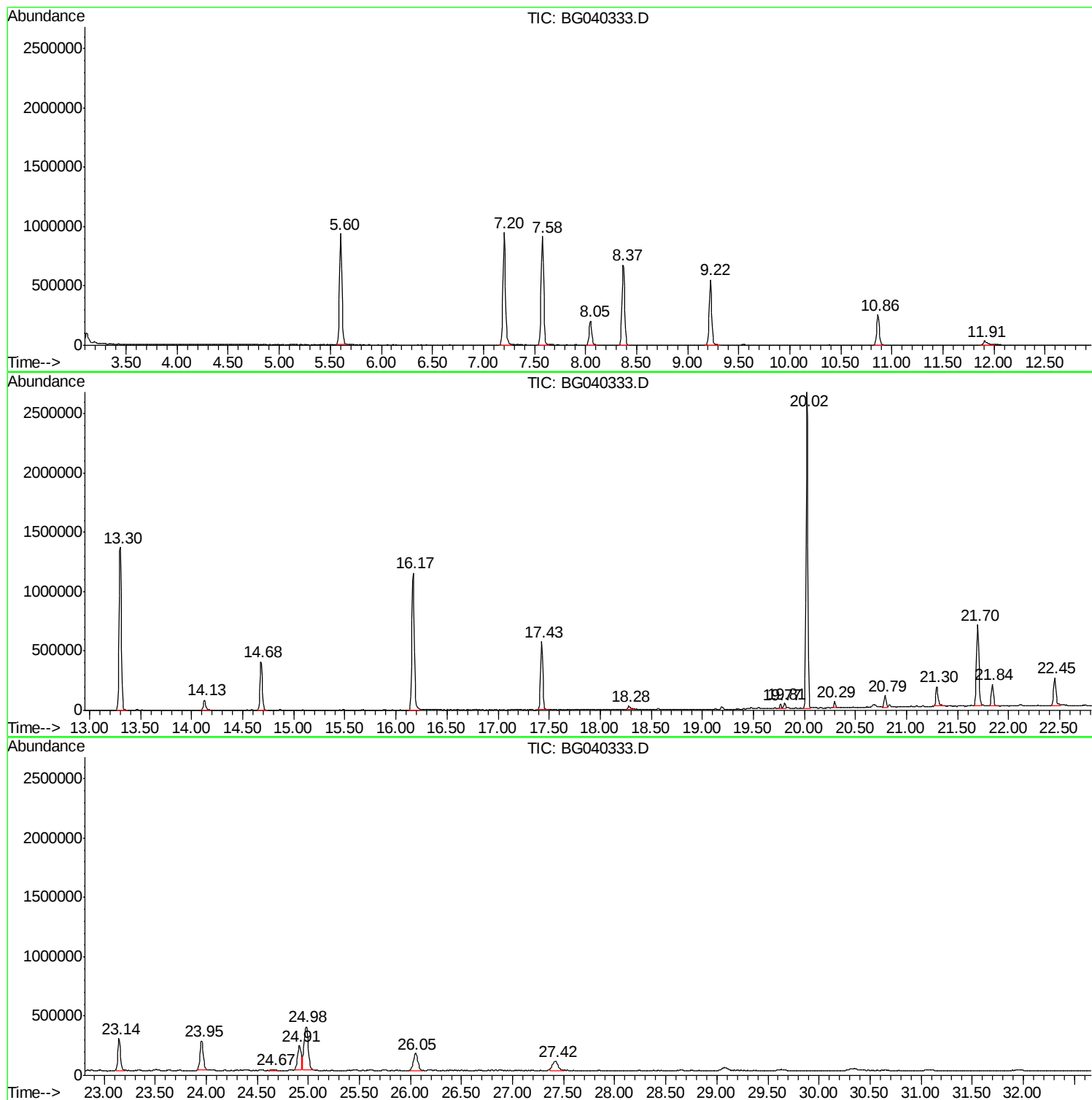
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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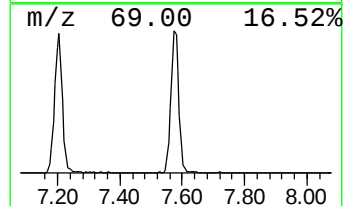
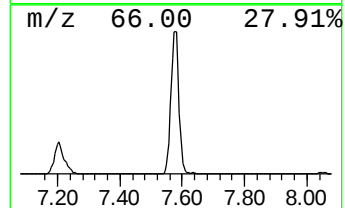
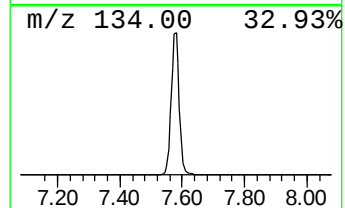
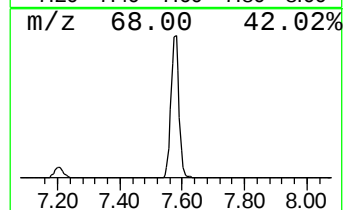
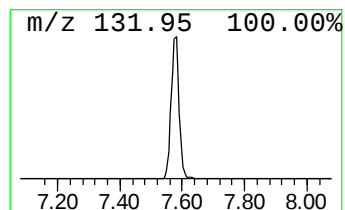
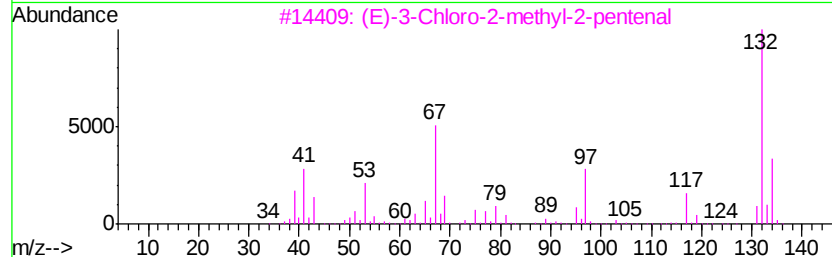
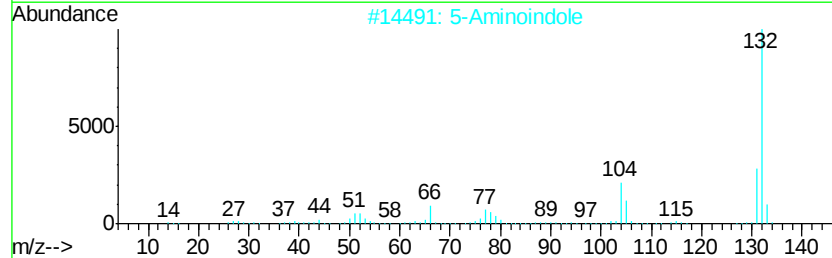
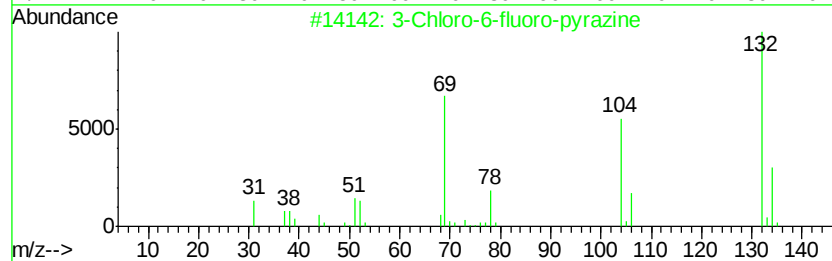
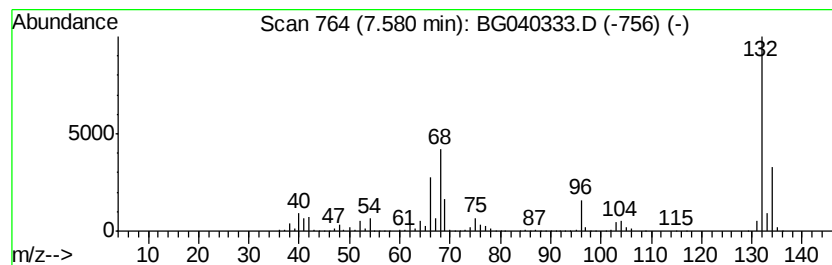
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	89.91 ng	1622050	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	22
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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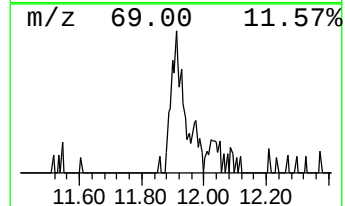
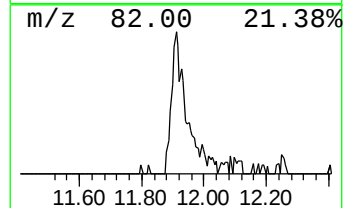
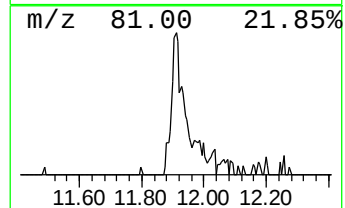
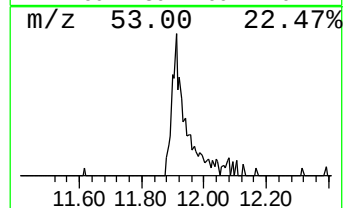
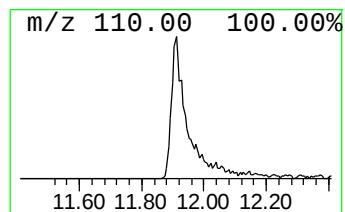
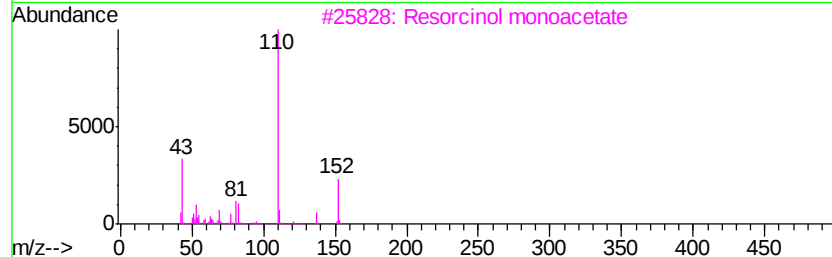
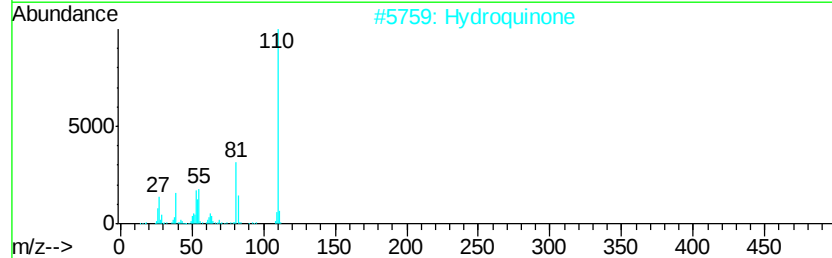
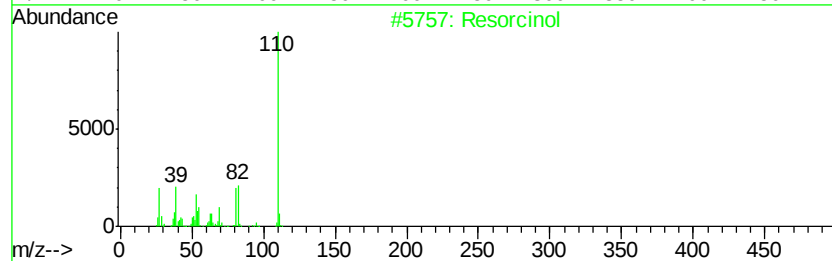
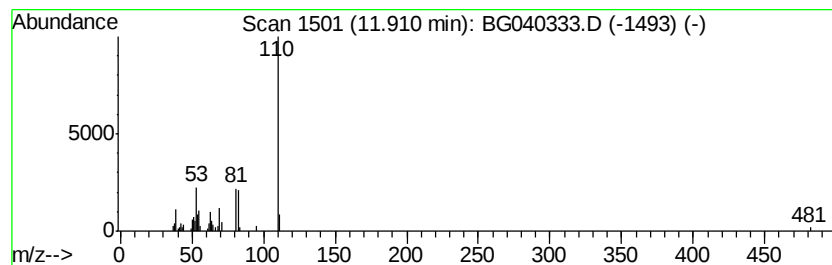
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Peak Number 3 Resorcinol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	4.63 ng	112011	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Resorcinol	110	C6H6O2	000108-46-3	91
2		Hydroquinone	110	C6H6O2	000123-31-9	86
3		Resorcinol monoacetate	152	C8H8O3	000102-29-4	78
4		3(2H)-Pyridazinone, 6-methyl-	110	C5H6N2O	013327-27-0	64
5		Phenol, 4-ethoxy-	138	C8H10O2	000622-62-8	64



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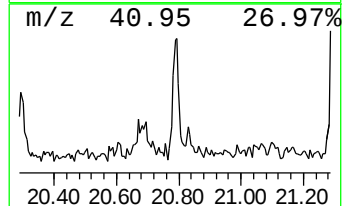
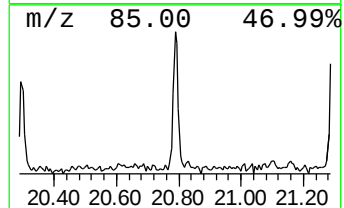
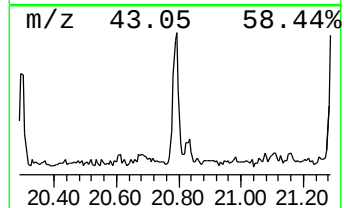
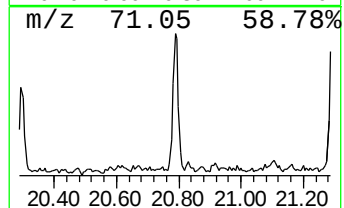
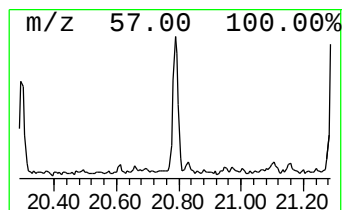
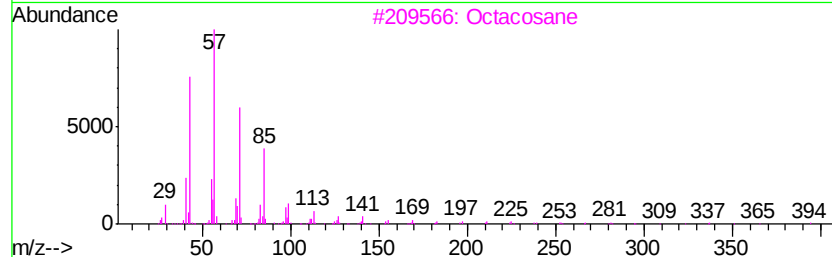
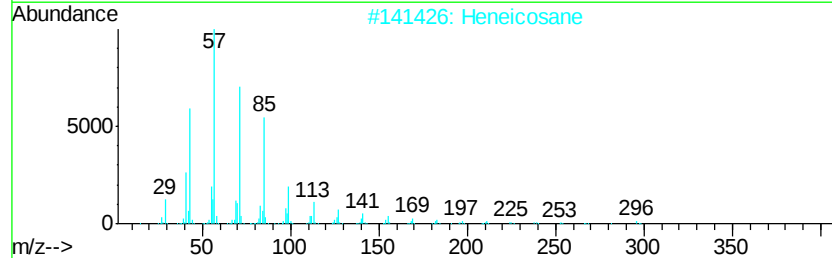
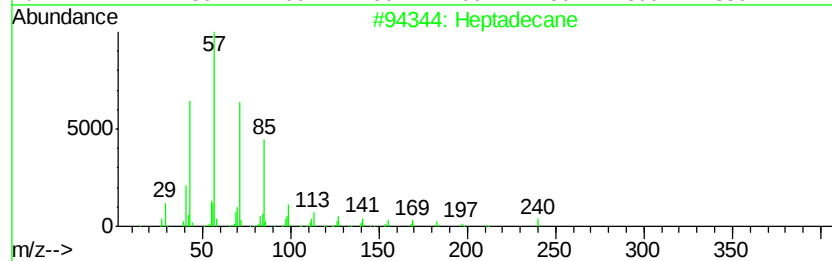
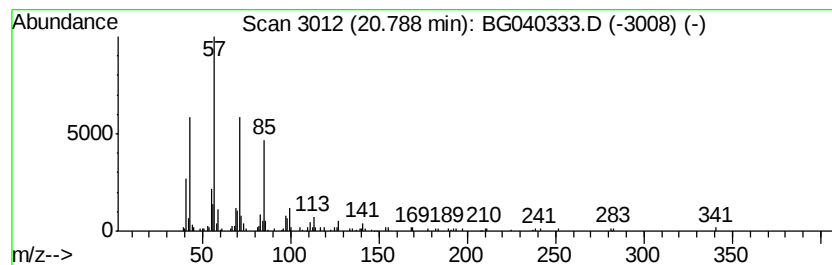
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Peak Number 4 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.29 ng	129153	Chrysene-d12	21.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Heneicosane		296	C21H44	000629-94-7	76
3	Octacosane		394	C28H58	000630-02-4	76
4	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	74
5	Tetracosane		338	C24H50	000646-31-1	70



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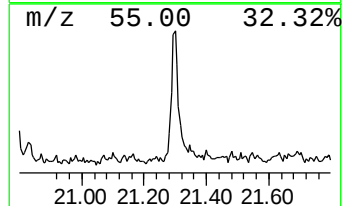
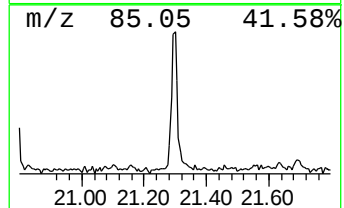
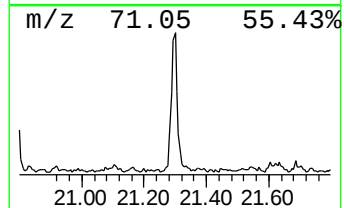
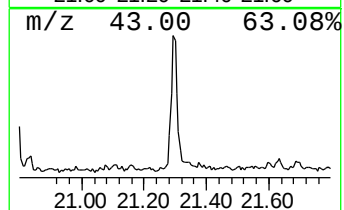
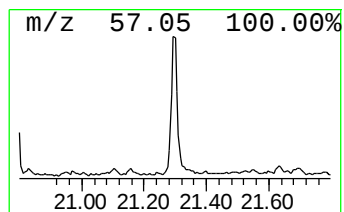
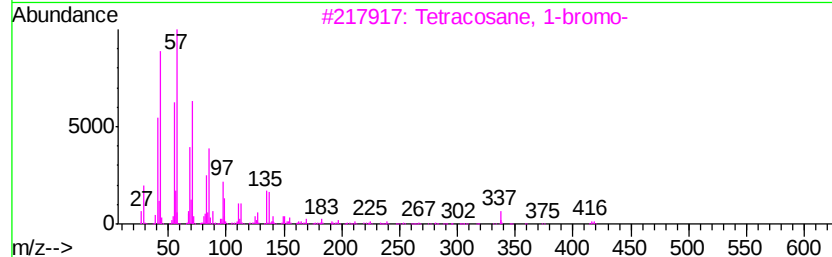
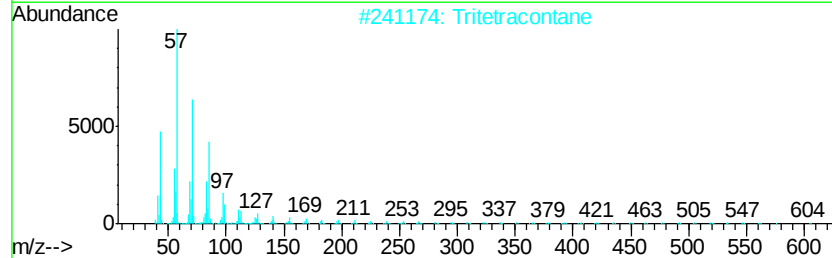
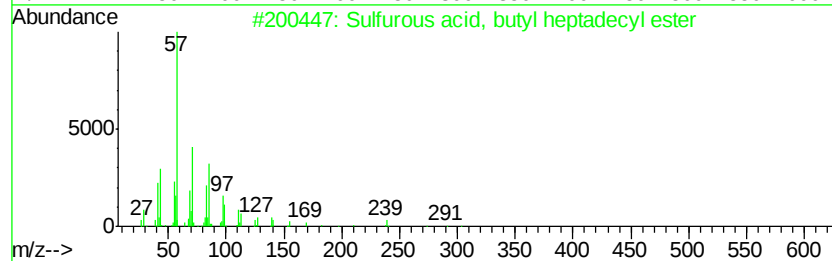
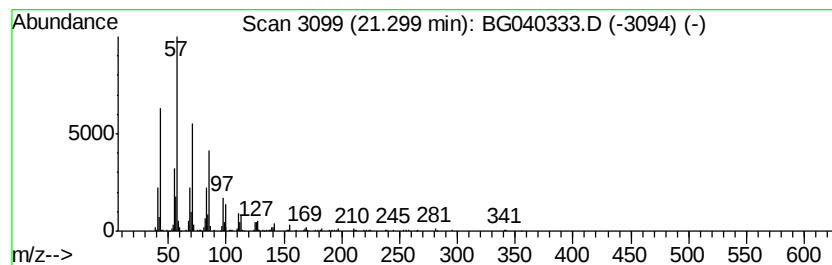
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Peak Number 5 Sulfurous acid, butyl hepta... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	4.53 ng	255927	Chrysene-d12	21.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
2			Tritetracontane	605	C43H88	007098-21-7	91
3			Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	91
4			Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	87
5			Tetratetracontane	619	C44H90	007098-22-8	87



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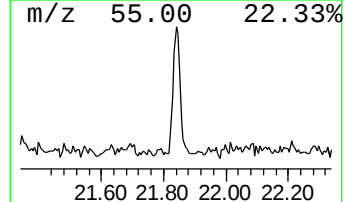
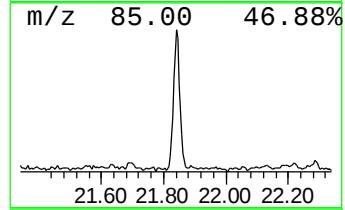
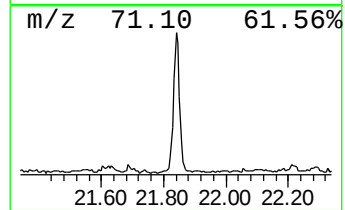
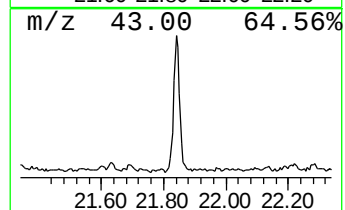
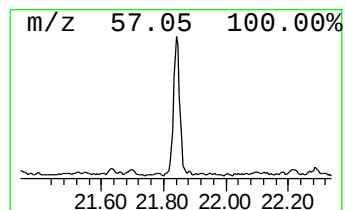
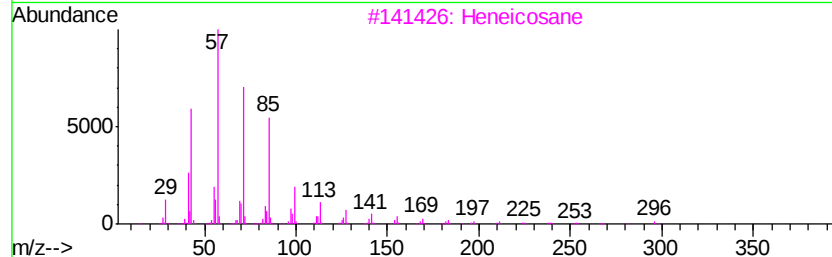
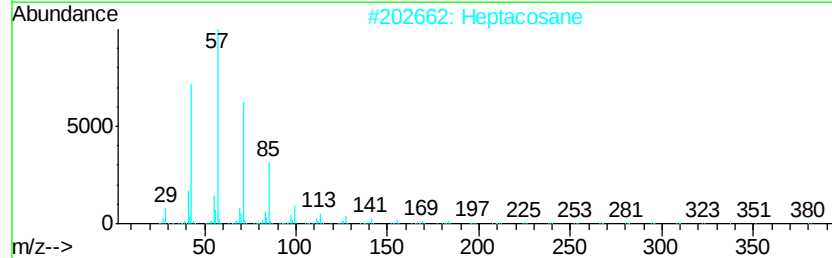
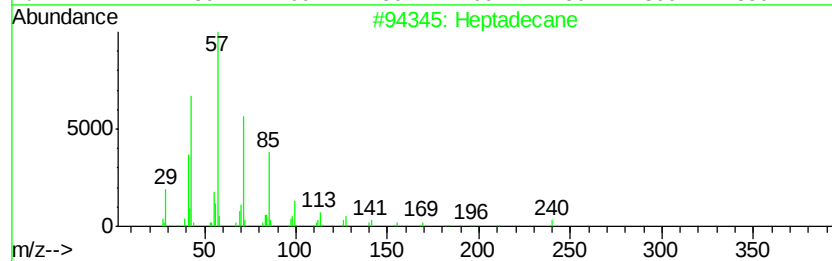
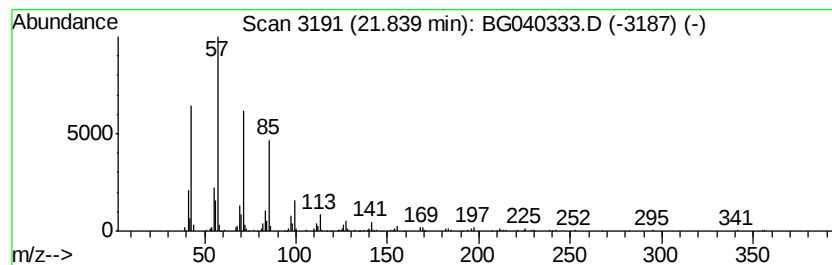
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Peak Number 6 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	4.59 ng	259255	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Tetracosane	338	C24H50	000646-31-1	87



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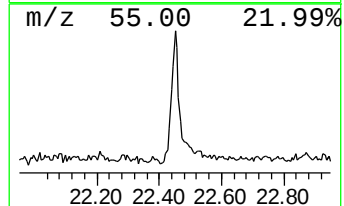
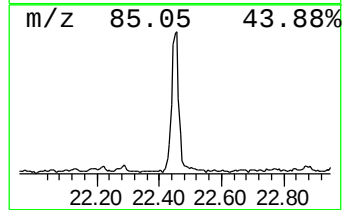
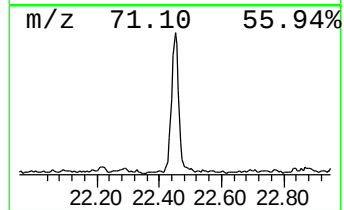
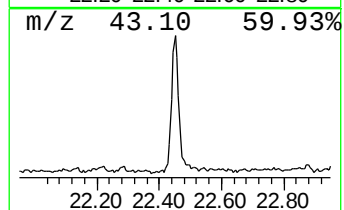
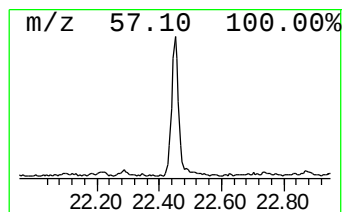
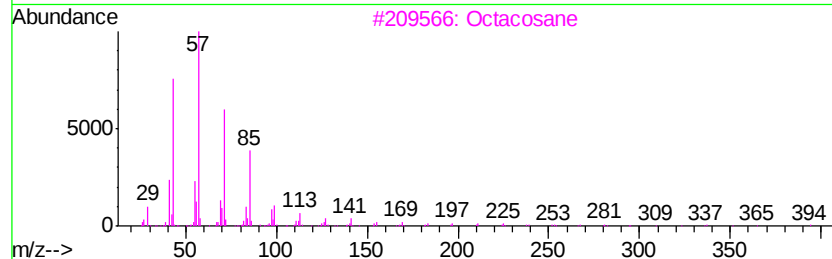
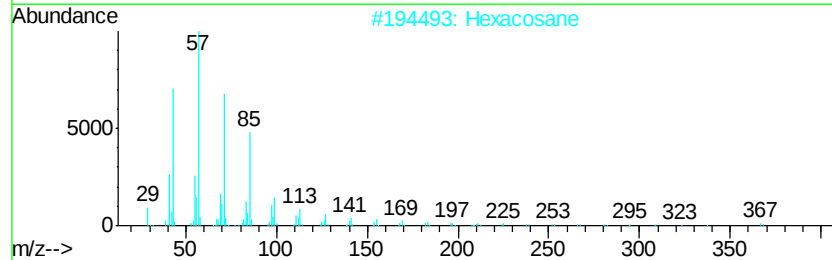
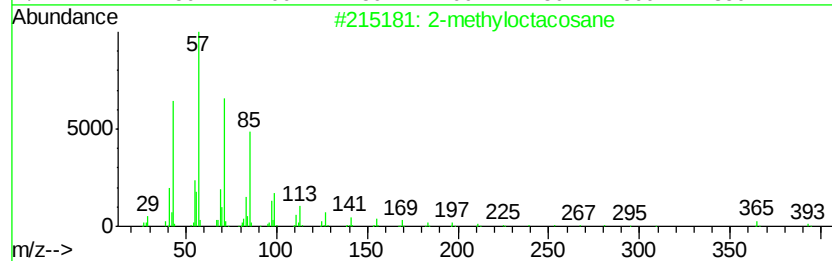
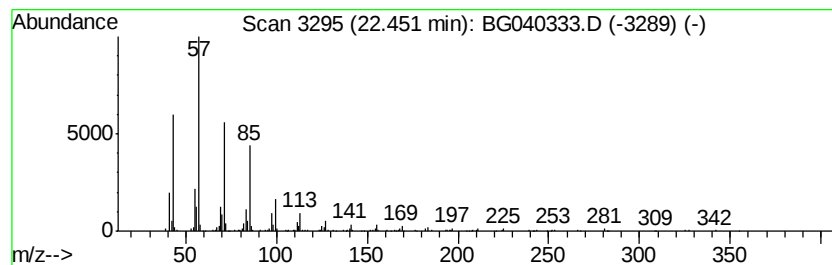
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	7.22 ng	407865	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040333.D
Acq On : 3 Apr 2019 19:46
Operator : JU/SJ
Sample : K2180-27
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

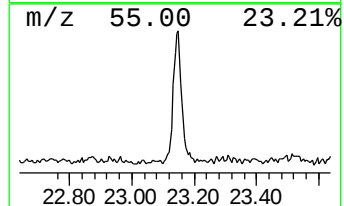
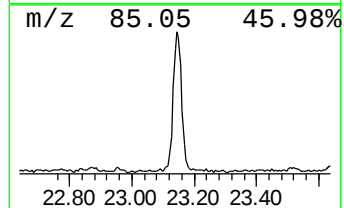
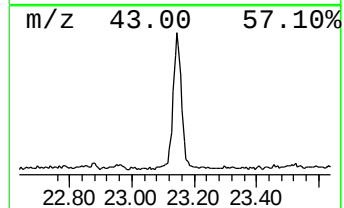
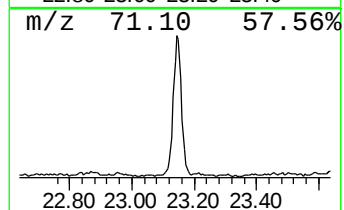
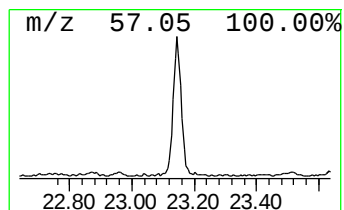
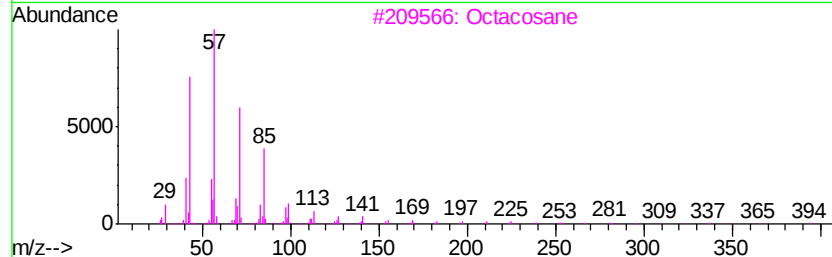
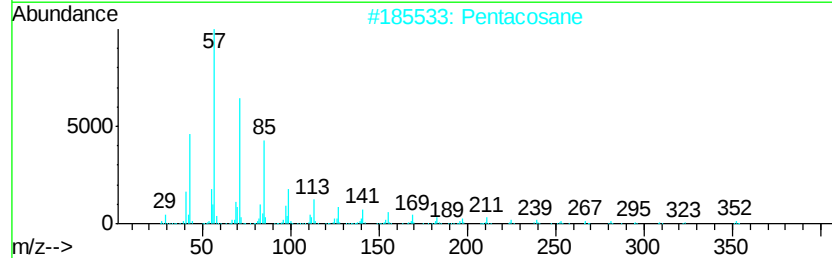
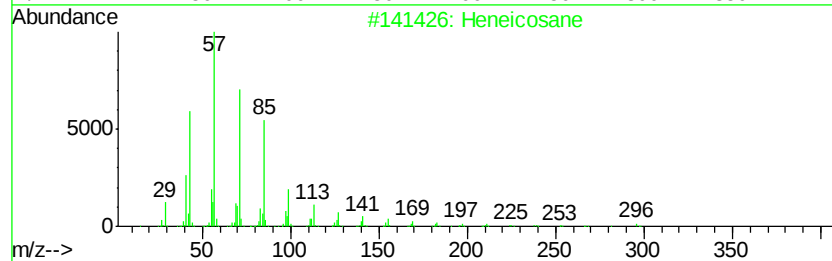
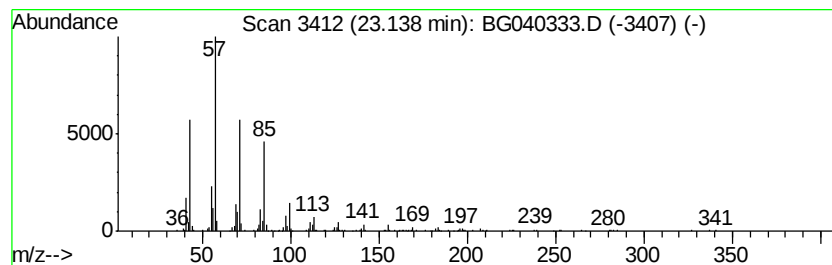
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	8.66 ng	489320	Chrysene-d12	21.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Pentacosane		352	C25H52	000629-99-2	91
3	Octacosane		394	C28H58	000630-02-4	91
4	Nonadecane		268	C19H40	000629-92-5	91
5	Heptacosane		380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040333.D
Acq On : 3 Apr 2019 19:46
Operator : JU/SJ
Sample : K2180-27
Misc :
ALS Vial : 9 Sample Multiplier: 1

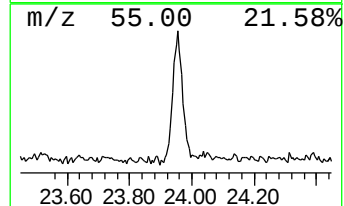
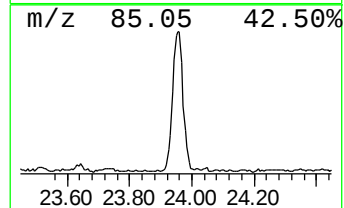
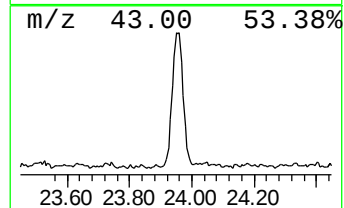
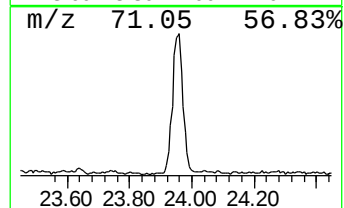
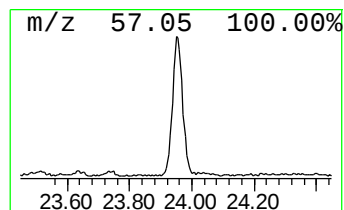
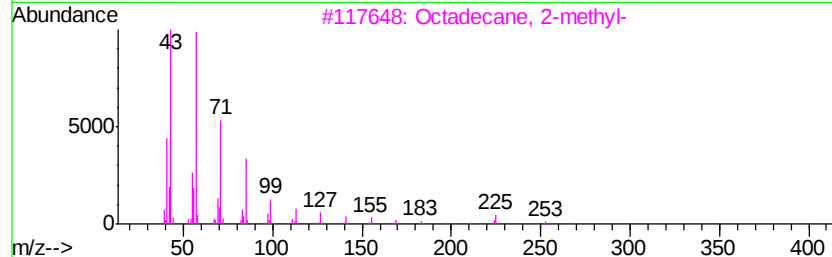
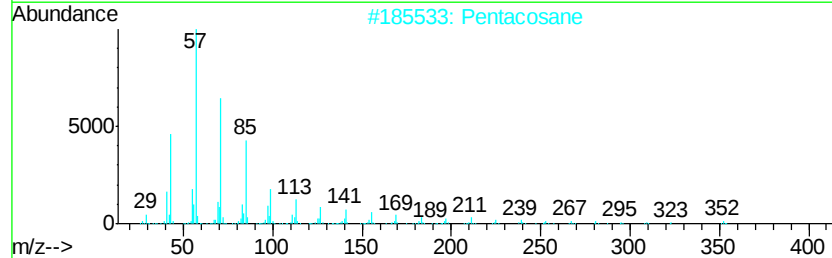
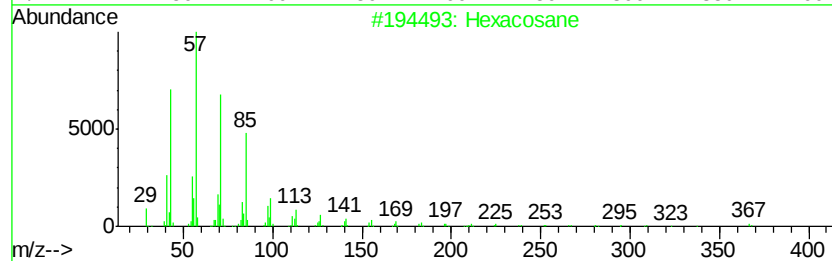
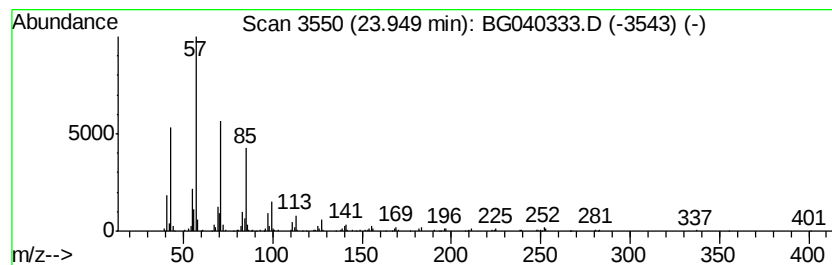
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	10.48 ng	555787	Perylene-d12	24.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	91
2	Pentacosane	352 C25H52	000629-99-2	91
3	Octadecane, 2-methyl-	268 C19H40	001560-88-9	90
4	Heneicosane	296 C21H44	000629-94-7	90
5	Tetracosane, 9-octyl-	451 C32H66	055401-54-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040333.D
Acq On : 3 Apr 2019 19:46
Operator : JU/SJ
Sample : K2180-27
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

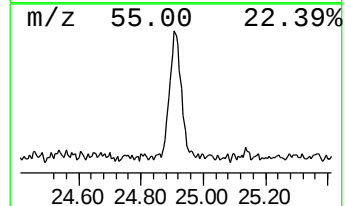
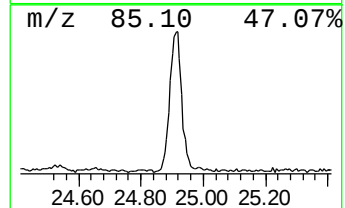
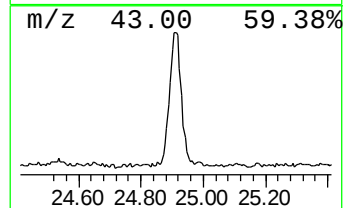
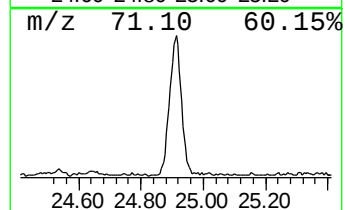
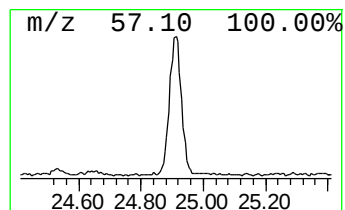
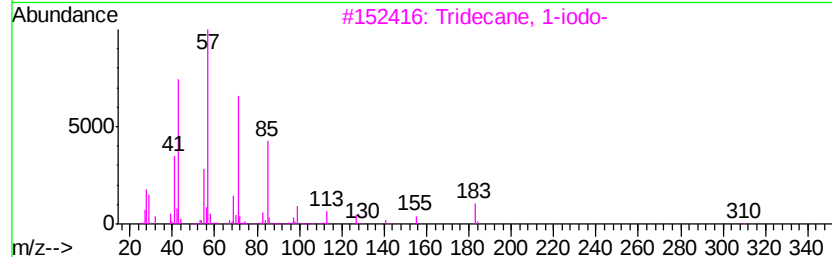
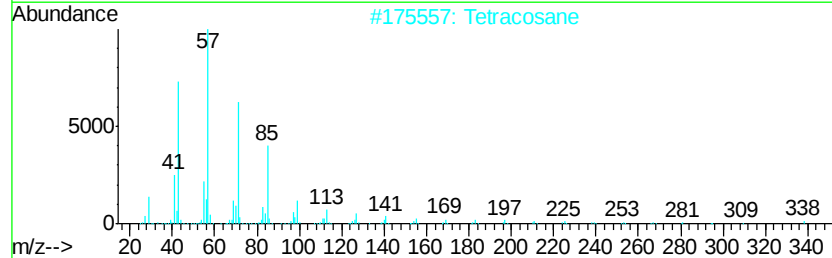
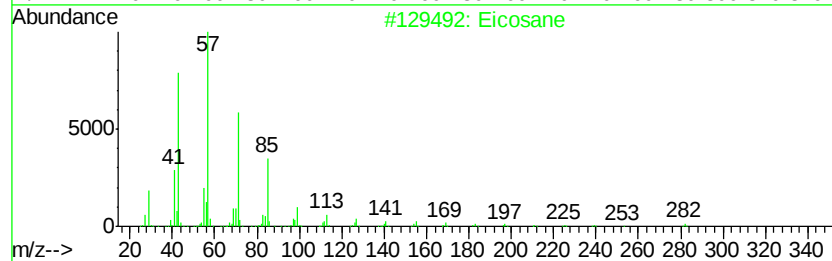
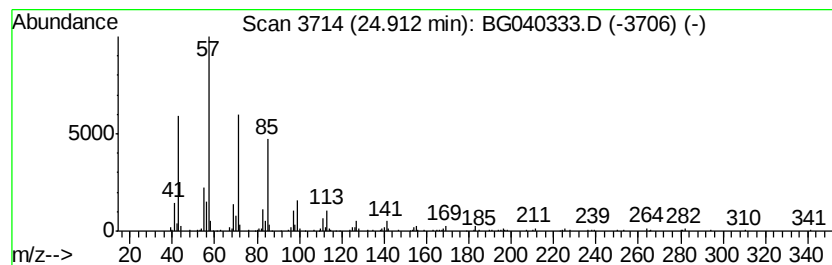
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	10.06 ng	533272	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040333.D
 Acq On : 3 Apr 2019 19:46
 Operator : JU/SJ
 Sample : K2180-27
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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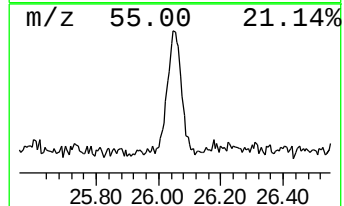
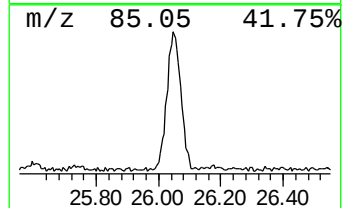
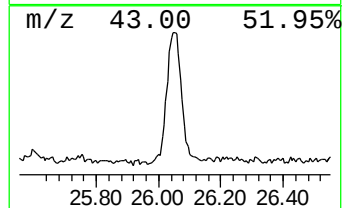
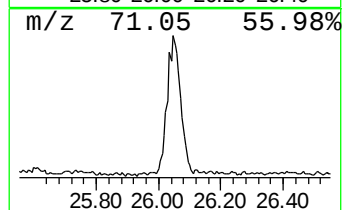
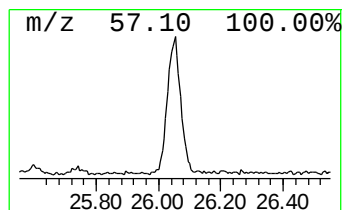
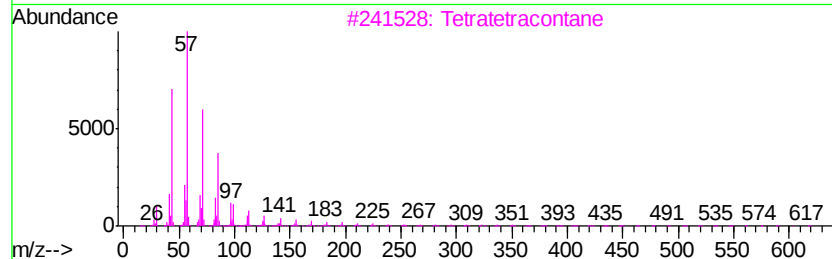
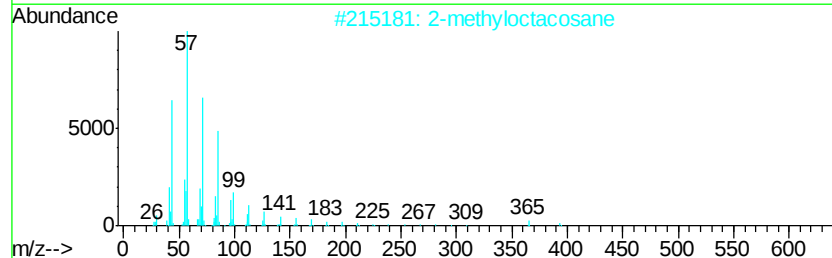
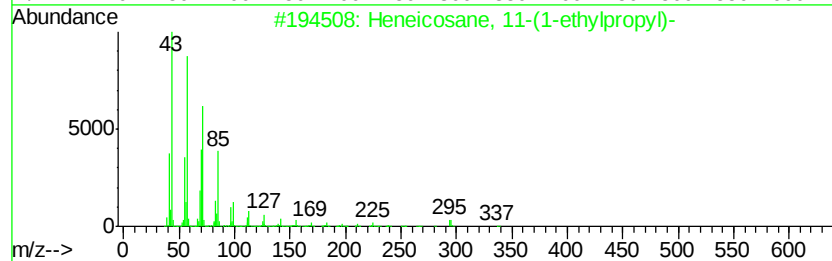
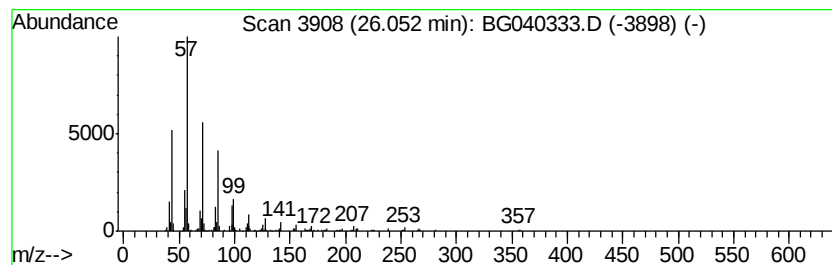
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Heneicosane, 11-(1-ethylpro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	8.54 ng	452889	Perylene-d12	24.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040333.D
Acq On : 3 Apr 2019 19:46
Operator : JU/SJ
Sample : K2180-27
Misc :
ALS Vial : 9 Sample Multiplier: 1

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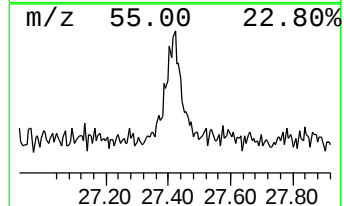
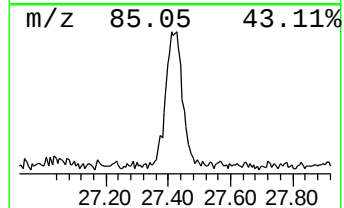
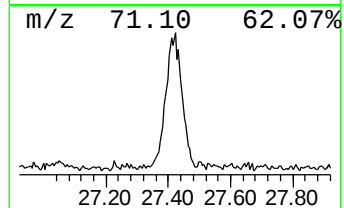
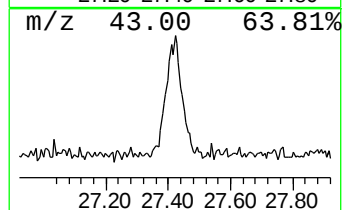
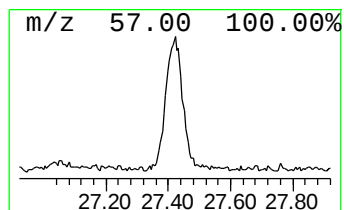
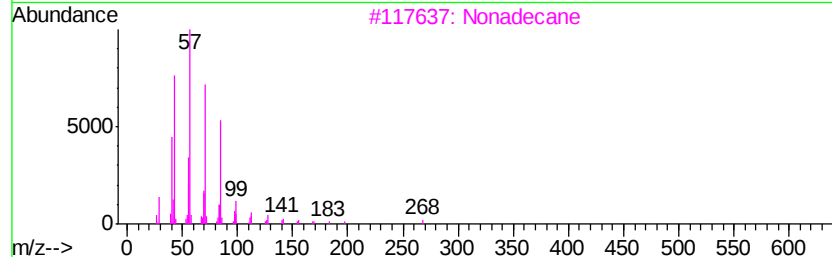
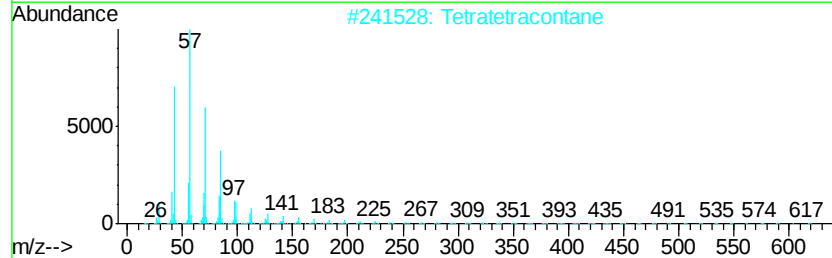
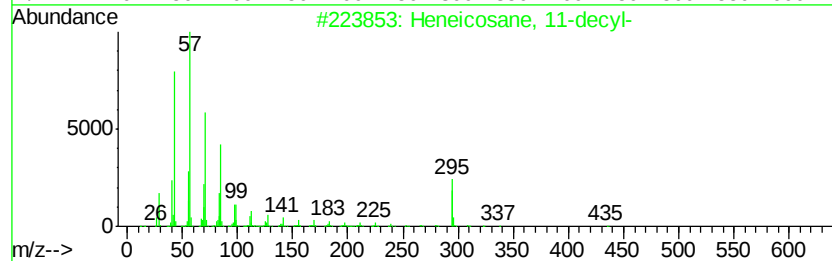
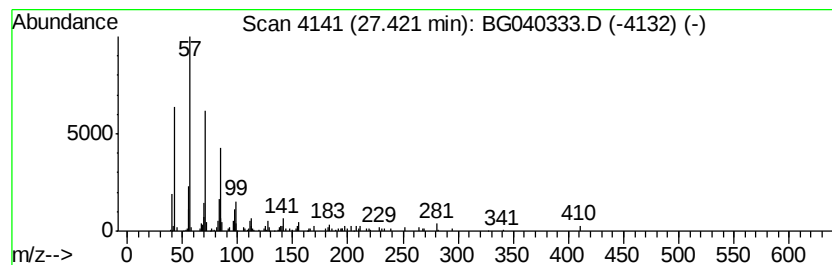
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane, 11-decyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.42	5.47 ng	289858	Perylene-d12	24.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
2			Tetratetracontane	619	C44H90	007098-22-8	87
3			Nonadecane	268	C19H40	000629-92-5	87
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040333.D
Acq On : 3 Apr 2019 19:46
Operator : JU/SJ
Sample : K2180-27
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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
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Heptadecane	20.79	2.3	ng	129153	5	21.70	1129840	20.0
Sulfurous acid, b...	21.30	4.5	ng	255927	5	21.70	1129840	20.0
Heptacosane	21.84	4.6	ng	259255	5	21.70	1129840	20.0
2-methyloctacosane	22.45	7.2	ng	407865	5	21.70	1129840	20.0
Heneicosane	23.14	8.7	ng	489320	5	21.70	1129840	20.0
Hexacosane	23.95	10.5	ng	555787	6	24.98	1060250	20.0
Eicosane	24.91	10.1	ng	533272	6	24.98	1060250	20.0
Heneicosane, 11-(...	26.05	8.5	ng	452889	6	24.98	1060250	20.0
Heneicosane, 11-d...	27.42	5.5	ng	289858	6	24.98	1060250	20.0