

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040334.D
 Acq On : 3 Apr 2019 20:26
 Operator : JU/SJ
 Sample : K2182-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8B(2-10)COMP

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	5.138	341	349	356	rBV	76311	122829	3.62%	0.516%
2	5.602	421	428	440	rBV	846749	1371777	40.41%	5.761%
3	7.200	692	700	714	rBV	860798	1549620	45.65%	6.508%
4	7.576	754	764	781	rBV	852650	1461329	43.04%	6.137%
5	8.046	837	844	858	rVB	216844	375938	11.07%	1.579%
6	8.370	891	899	907	rBV	629561	1112732	32.78%	4.673%
7	9.222	1036	1044	1055	rBV	498958	914584	26.94%	3.841%
8	10.861	1315	1323	1332	rBV	257233	495209	14.59%	2.080%
9	13.299	1731	1738	1755	rBV	1388406	2114888	62.30%	8.881%
10	14.128	1872	1879	1890	rBV	68377	115483	3.40%	0.485%
11	14.680	1967	1973	1981	rBV2	430344	694509	20.46%	2.917%
12	16.166	2219	2226	2242	rBV	996780	1614831	47.57%	6.781%
13	17.424	2434	2440	2445	rBV2	602186	913308	26.90%	3.835%
14	17.465	2445	2447	2454	rVB	46247	63180	1.86%	0.265%
15	18.493	2616	2622	2626	rBV5	19925	38935	1.15%	0.164%
16	19.474	2783	2789	2795	rVB	244177	334236	9.85%	1.404%
17	19.803	2841	2845	2846	rBV	32064	42195	1.24%	0.177%
18	19.838	2846	2851	2858	rVB	256952	386418	11.38%	1.623%
19	20.026	2877	2883	2888	rBV	2607399	3394911	100.00%	14.257%
20	20.297	2922	2929	2930	rBV4	40935	59533	1.75%	0.250%
21	20.426	2946	2951	2954	rBV	22964	35547	1.05%	0.149%
22	20.479	2954	2960	2964	rVV3	30906	55308	1.63%	0.232%
23	20.790	3010	3013	3017	rVB2	28648	36354	1.07%	0.153%
24	21.090	3060	3064	3071	rVB	34523	56215	1.66%	0.236%
25	21.296	3087	3099	3107	rBV6	119015	301341	8.88%	1.265%
26	21.366	3107	3111	3116	rVV3	39542	84875	2.50%	0.356%
27	21.419	3118	3120	3131	rVB2	26928	54376	1.60%	0.228%
28	21.695	3158	3167	3172	rBV2	715632	1381670	40.70%	5.802%
29	21.742	3172	3175	3183	rVB2	119480	211091	6.22%	0.886%
30	21.842	3187	3192	3197	rVB	105551	144546	4.26%	0.607%
31	22.453	3290	3296	3302	rVB	170709	287959	8.48%	1.209%
32	23.146	3407	3414	3423	rVB2	224417	437611	12.89%	1.838%
33	23.951	3538	3551	3566	rVB2	296891	994705	29.30%	4.177%
34	24.662	3666	3672	3680	rVB	50836	127959	3.77%	0.537%

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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-BG032719.M
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35	24.827	3691	3700	3704	rBV2	44164	129232	3.81%	0.543%
36	24.909	3707	3714	3719	rVV2	200755	532528	15.69%	2.236%
37	24.974	3719	3725	3736	rVB3	371606	1071108	31.55%	4.498%
38	26.043	3899	3907	3920	rVB3	144771	446786	13.16%	1.876%
39	27.418	4130	4141	4151	rVB2	72985	246842	7.27%	1.037%

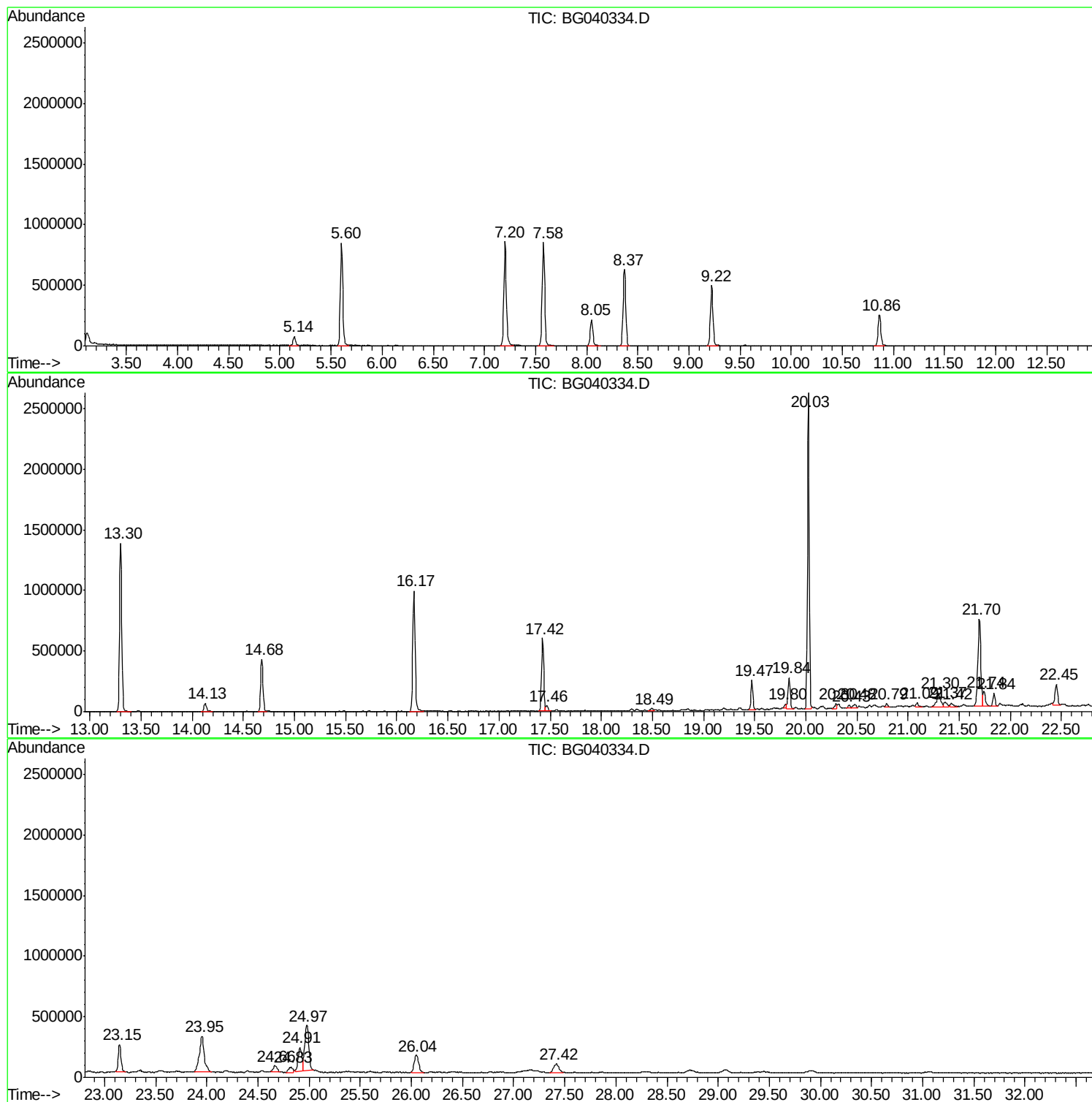
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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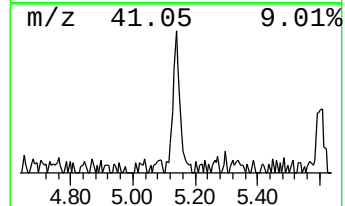
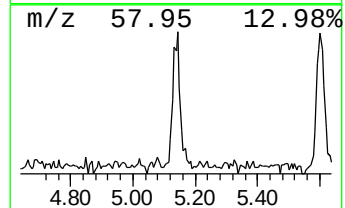
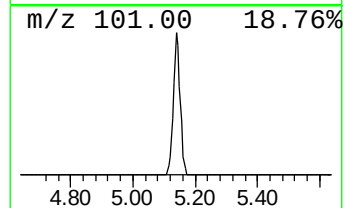
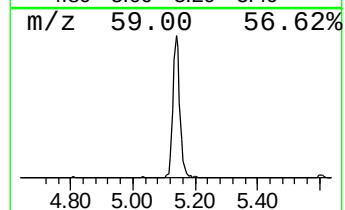
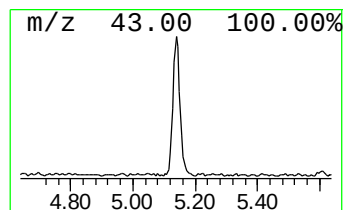
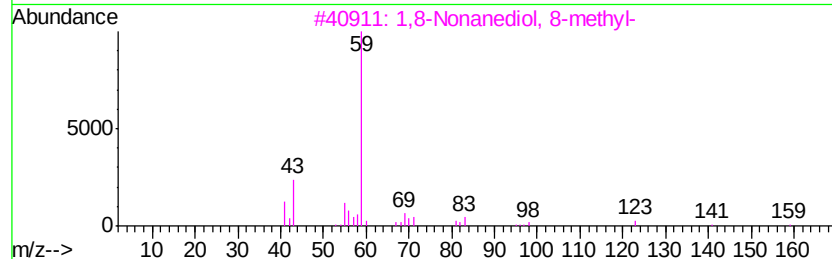
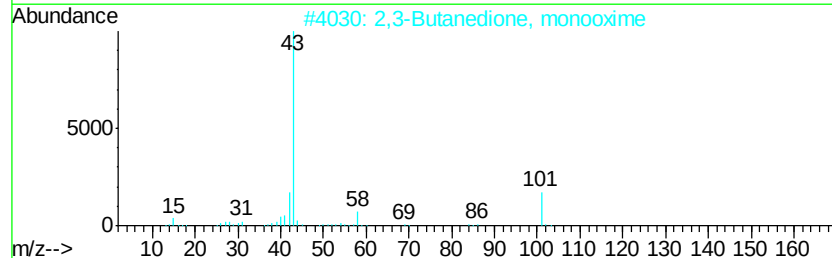
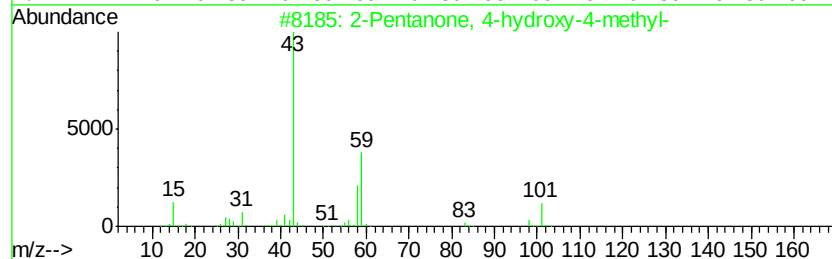
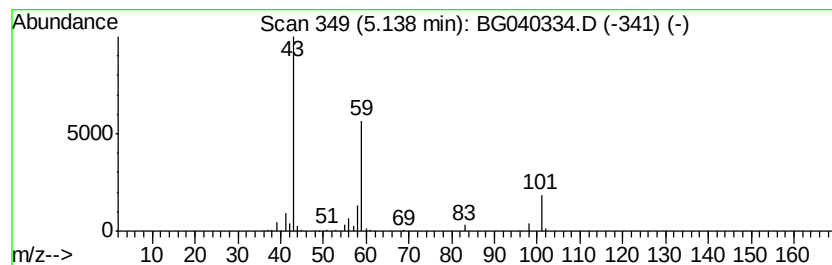
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	6.53 ng	122829	1,4-Dichlorobenzene-d4	8.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27	
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25	
4	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23	
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	



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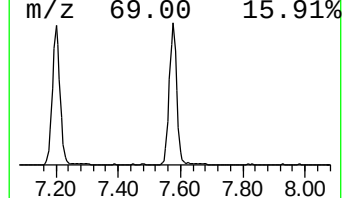
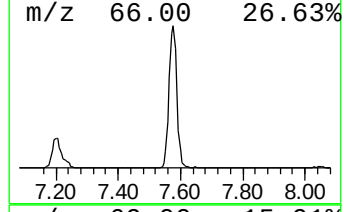
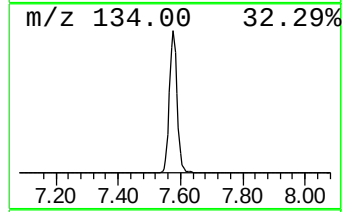
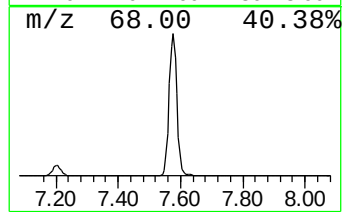
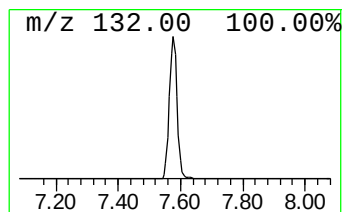
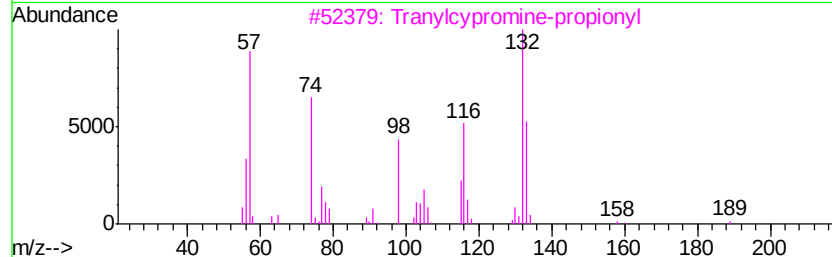
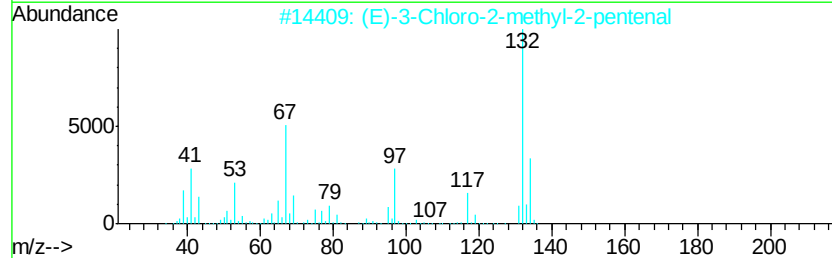
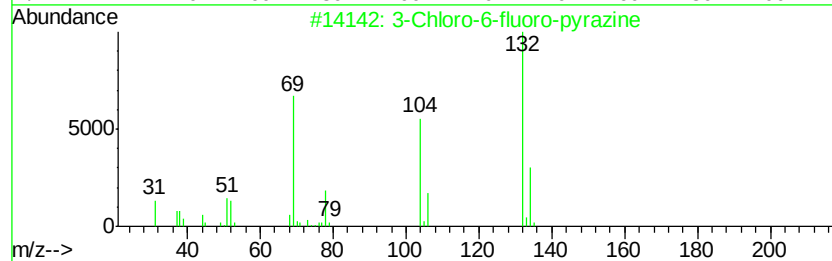
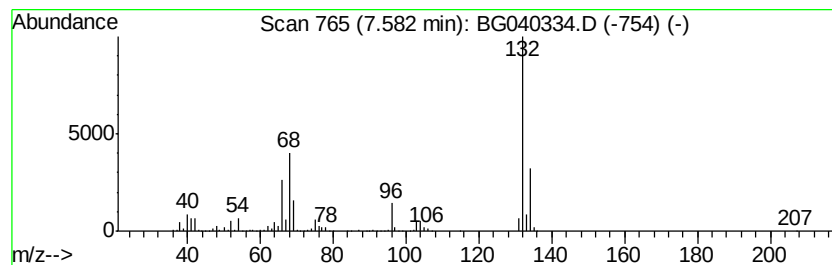
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	77.74 ng	1461330	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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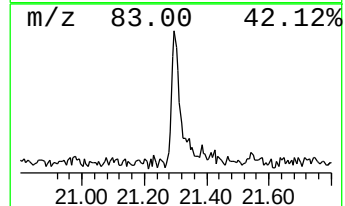
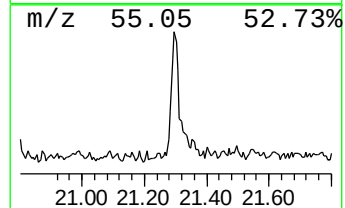
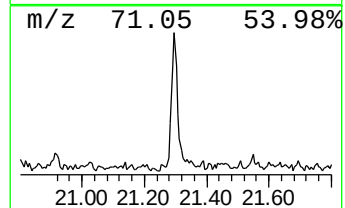
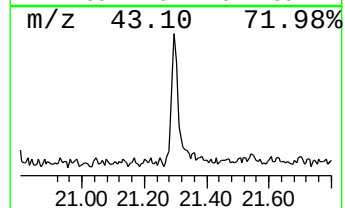
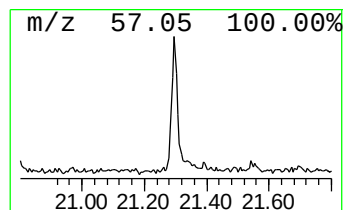
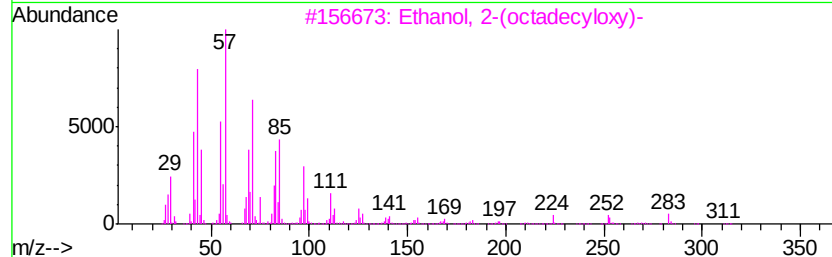
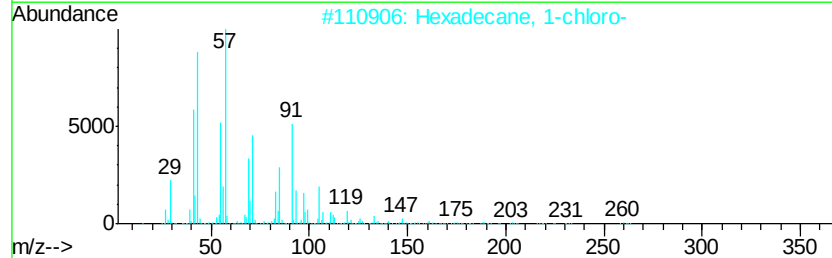
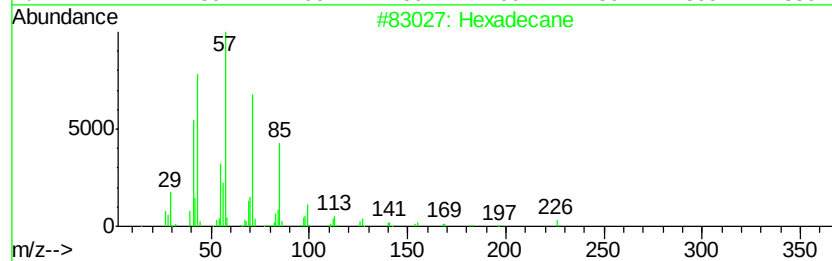
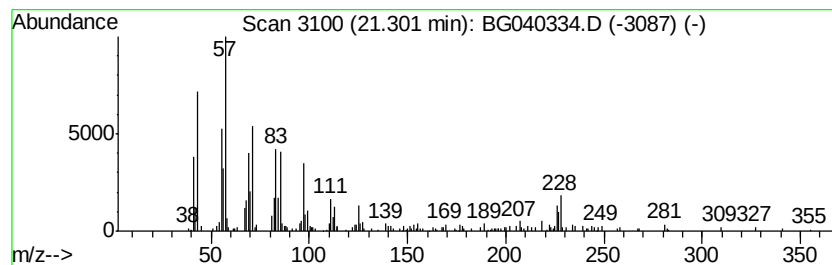
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	4.36 ng	301341	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	92
2		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	87
3		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	87
4		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	80
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	80



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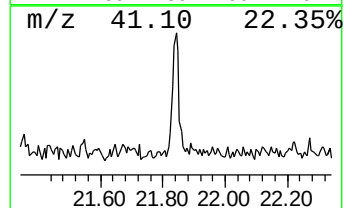
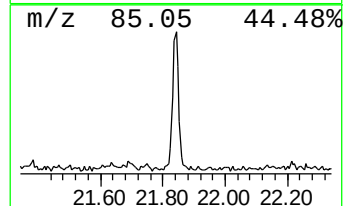
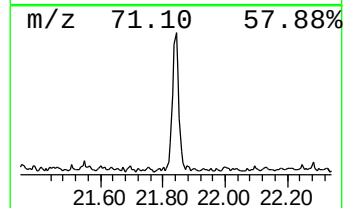
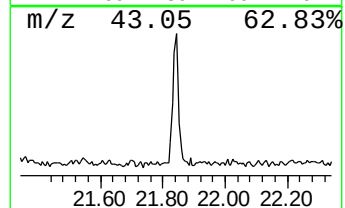
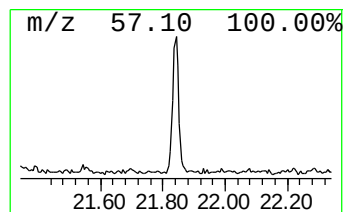
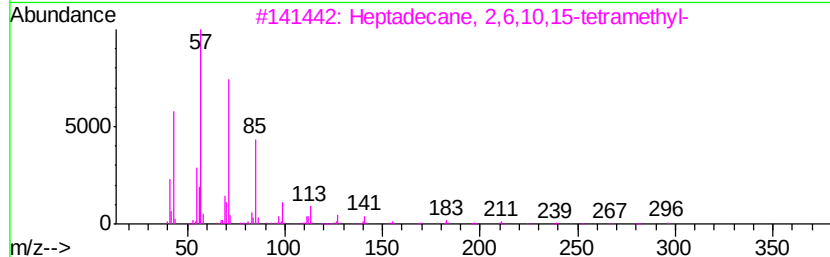
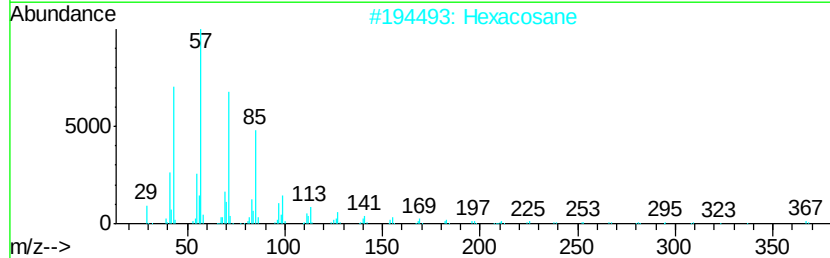
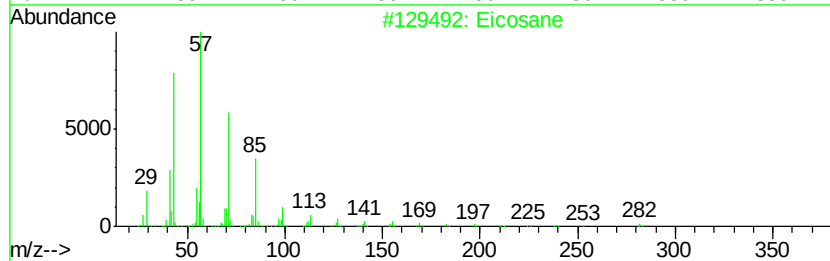
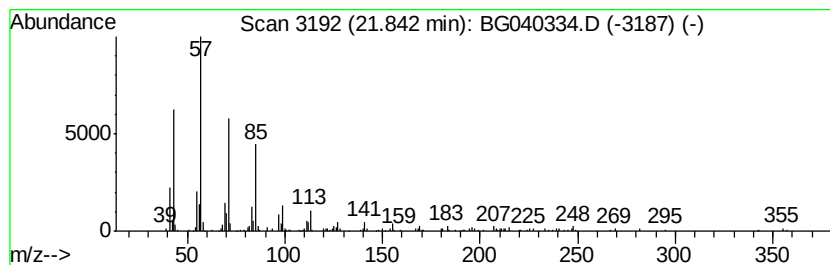
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.09 ng	144546	Chrysene-d12	21.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Hexacosane		366	C26H54	000630-01-3	93
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Tetracosane		338	C24H50	000646-31-1	90



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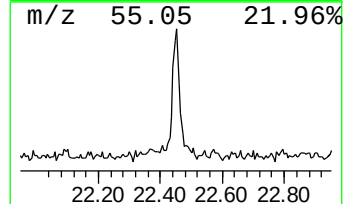
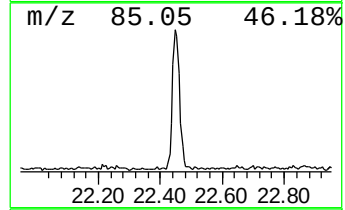
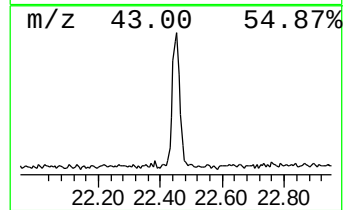
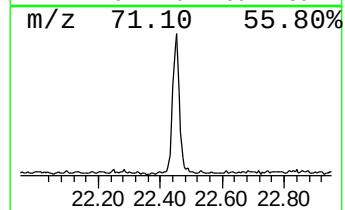
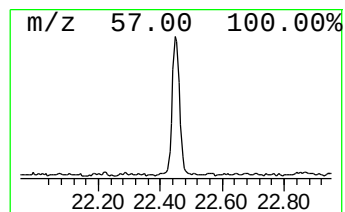
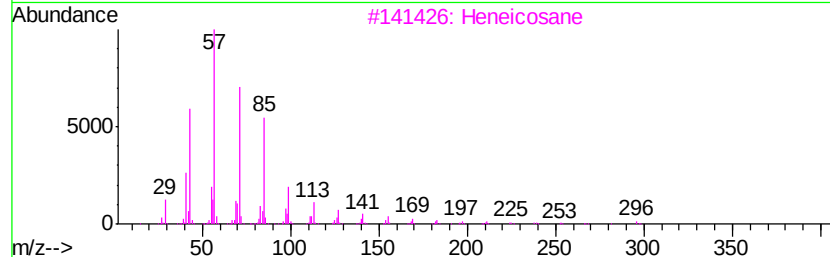
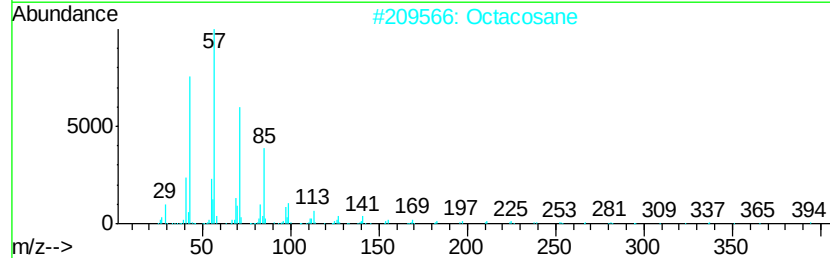
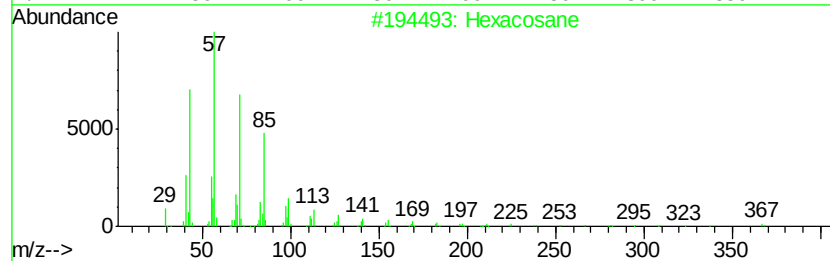
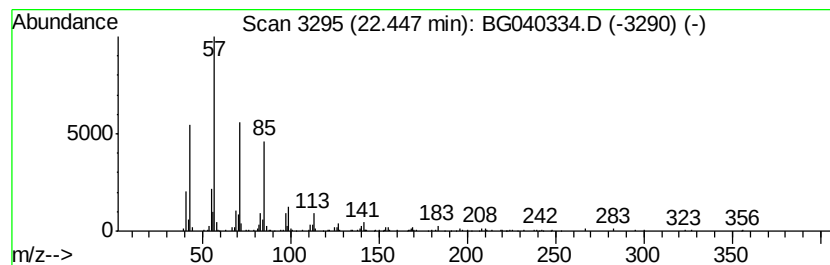
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	4.17 ng	287959	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040334.D
Acq On : 3 Apr 2019 20:26
Operator : JU/SJ
Sample : K2182-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

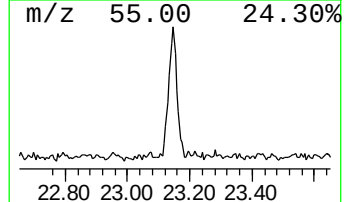
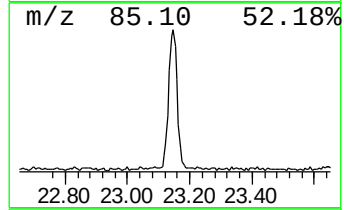
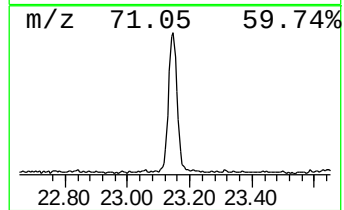
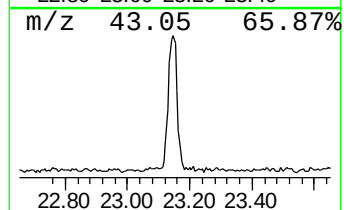
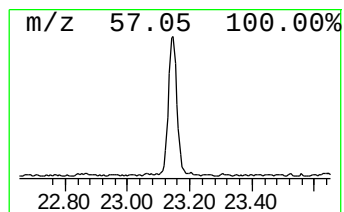
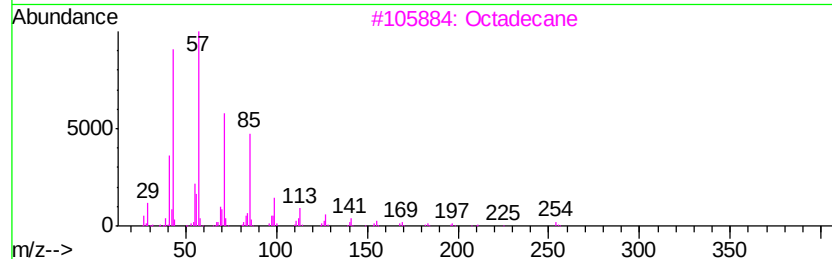
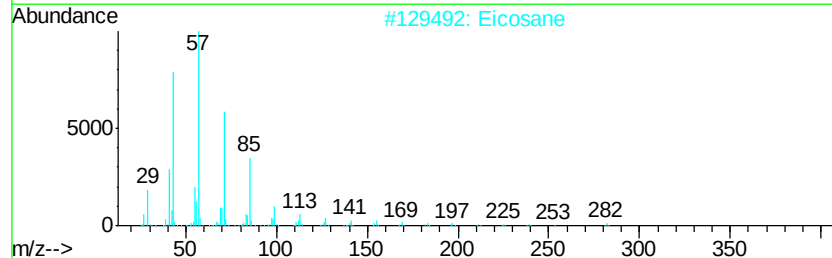
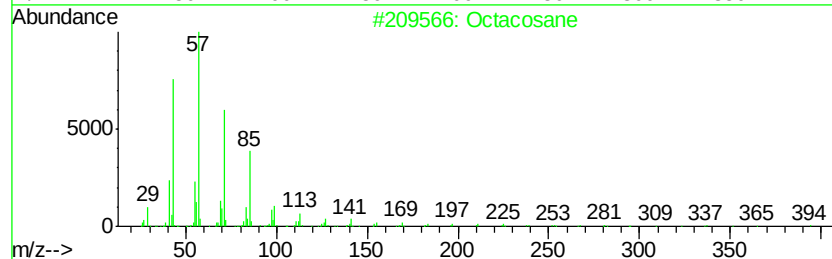
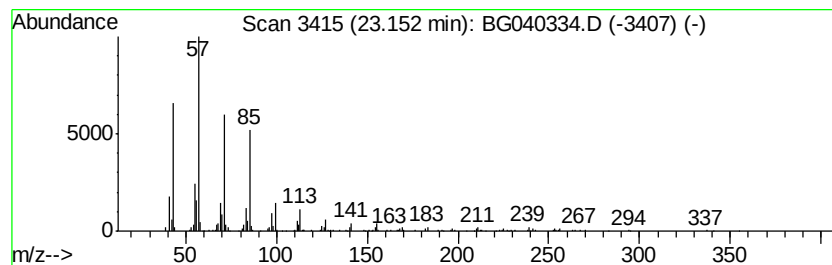
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	6.33 ng	437611	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Octadecane	254	C18H38	000593-45-3	86
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040334.D
Acq On : 3 Apr 2019 20:26
Operator : JU/SJ
Sample : K2182-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

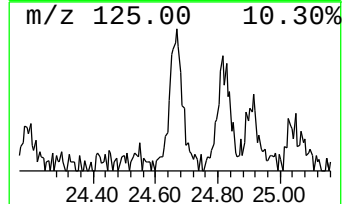
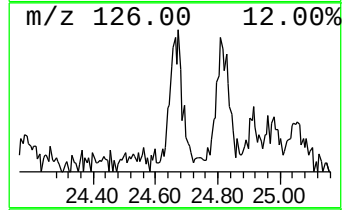
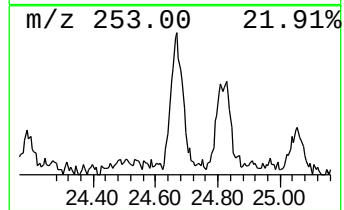
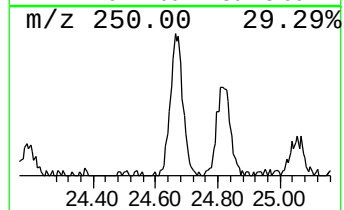
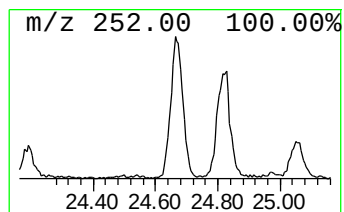
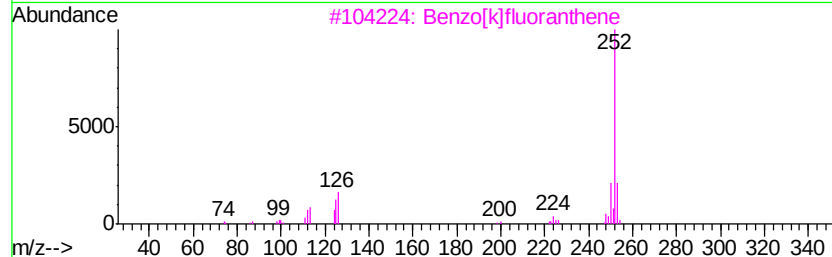
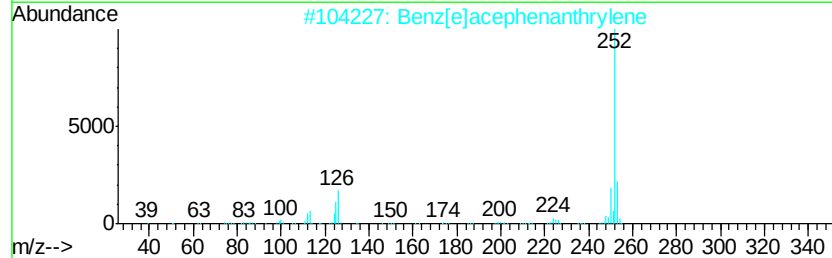
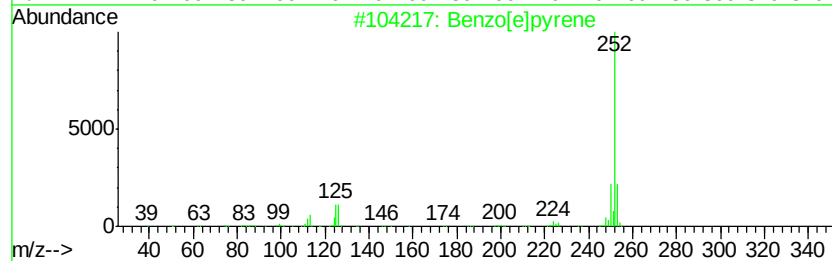
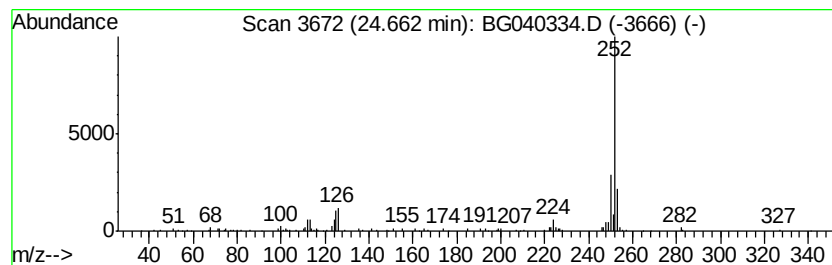
Instrument :
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ClientSampleId :
S8B(2-10)COMP

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	2.39 ng	127959	Perylene-d12	24.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 97
2		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 96
3		Benzo[k]fluoranthene	252 C20H12	000207-08-9 95
4		Perylene	252 C20H12	000198-55-0 95
5		Benzo[j]fluoranthene	252 C20H12	000205-82-3 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040334.D
Acq On : 3 Apr 2019 20:26
Operator : JU/SJ
Sample : K2182-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

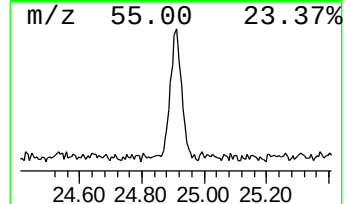
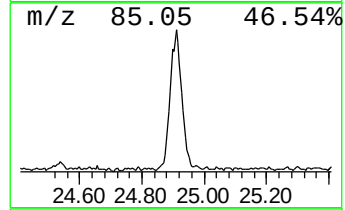
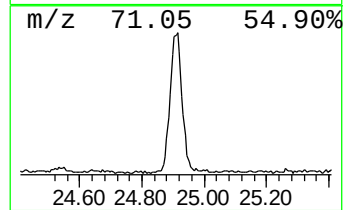
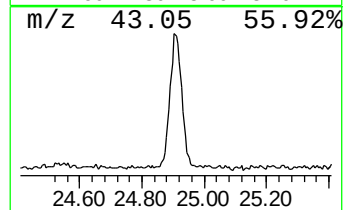
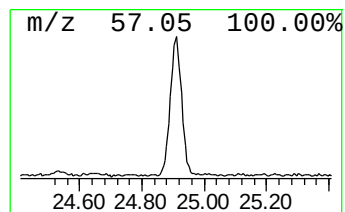
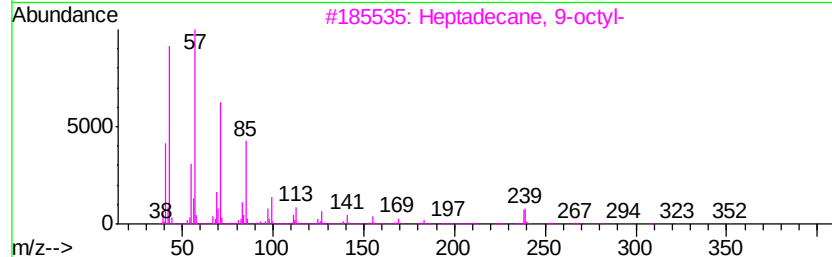
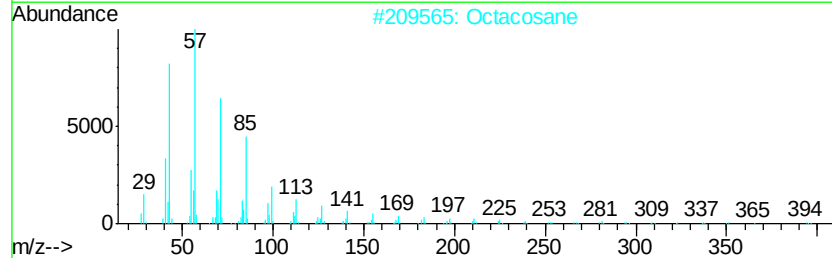
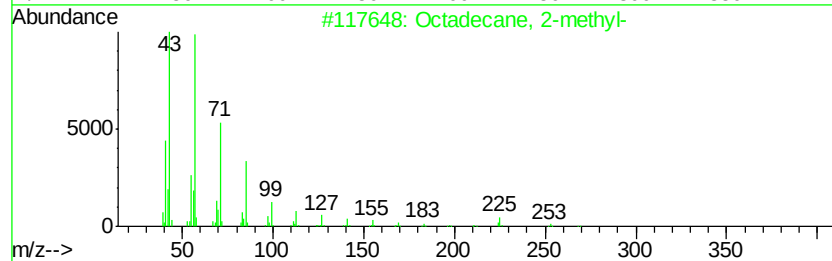
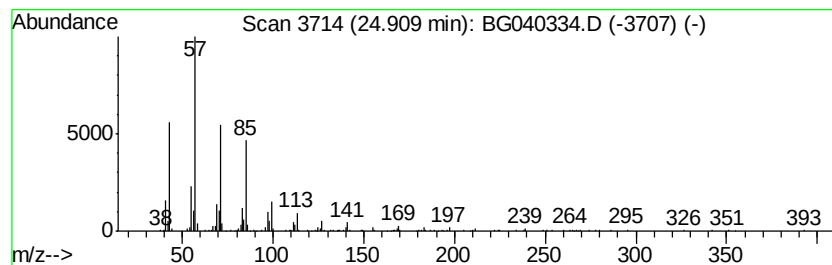
Instrument :
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ClientSampleId :
S8B(2-10)COMP

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

Peak Number 10 Octadecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
24.91	9.94 ng	532528	Perylene-d12		24.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040334.D
Acq On : 3 Apr 2019 20:26
Operator : JU/SJ
Sample : K2182-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

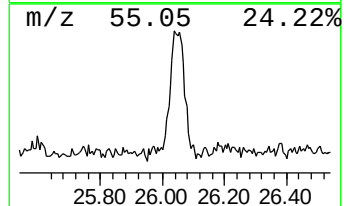
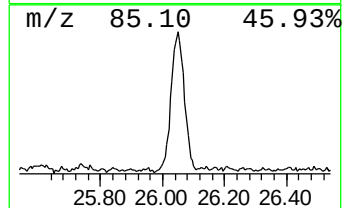
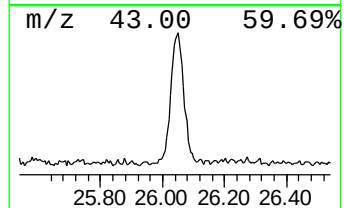
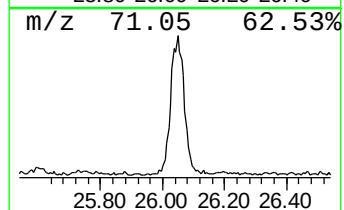
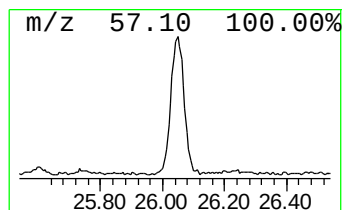
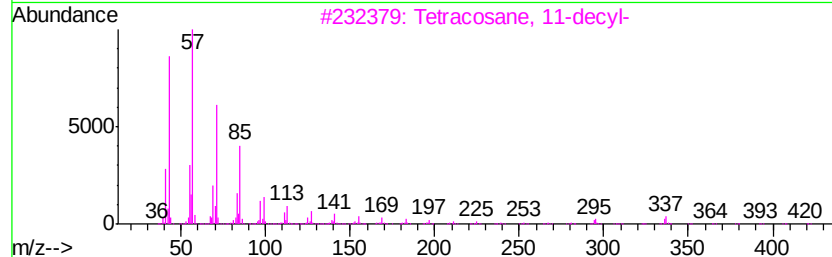
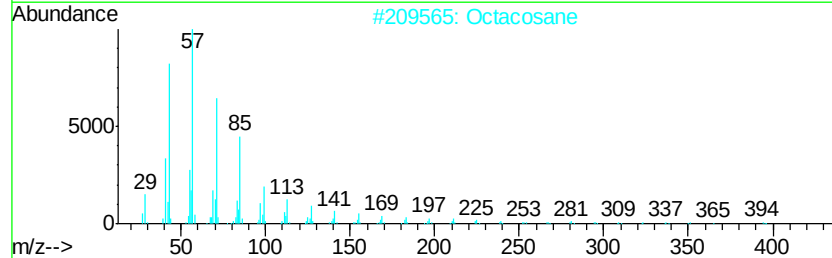
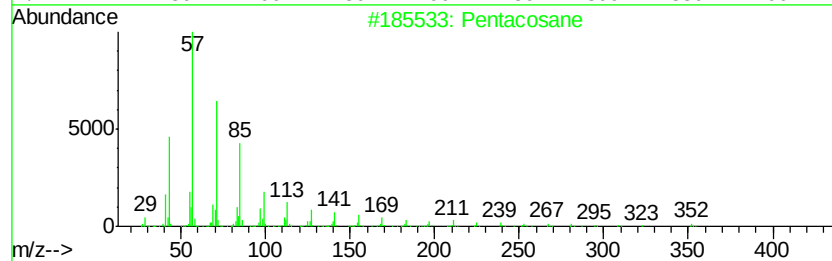
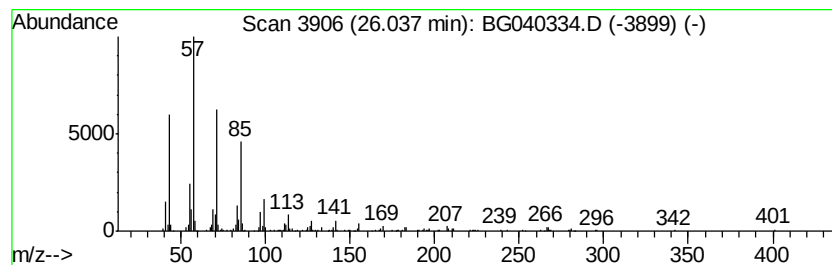
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	8.34 ng	446786	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040334.D
Acq On : 3 Apr 2019 20:26
Operator : JU/SJ
Sample : K2182-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

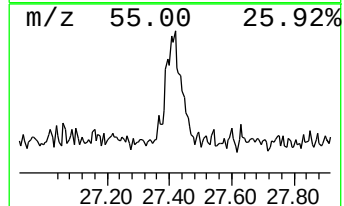
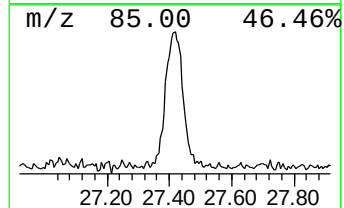
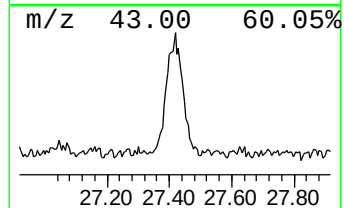
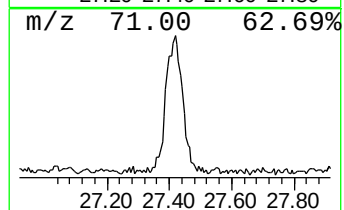
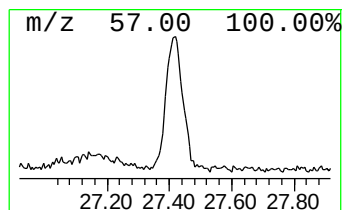
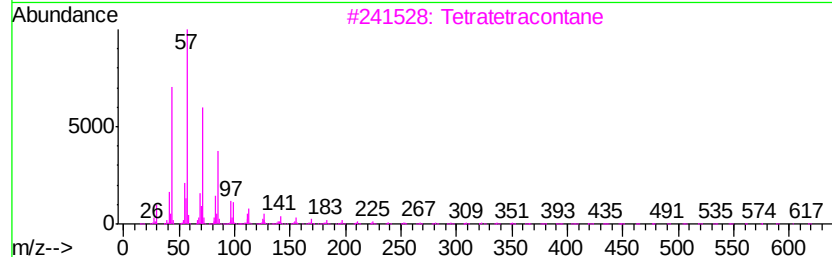
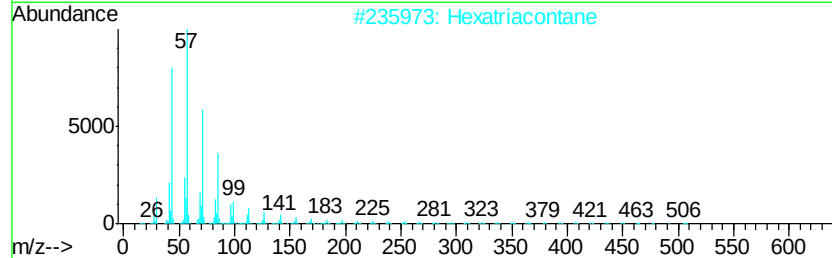
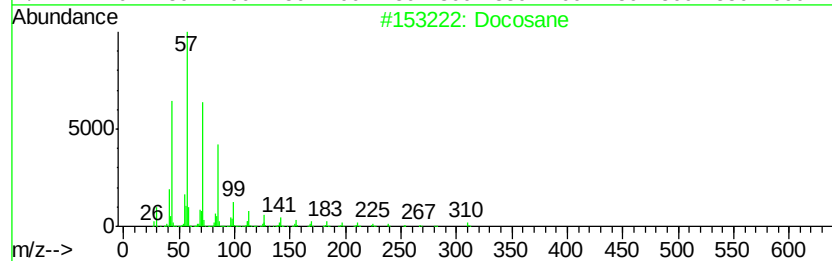
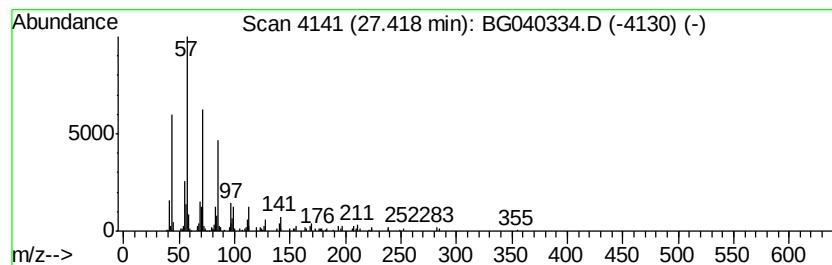
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.42	4.61 ng	246842	Perylene-d12	24.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	87
2			Hexatriacontane	507	C36H74	000630-06-8	87
3			Tetratetracontane	619	C44H90	007098-22-8	87
4			Octadecane	254	C18H38	000593-45-3	86
5			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040334.D
Acq On : 3 Apr 2019 20:26
Operator : JU/SJ
Sample : K2182-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8B(2-10)COMP

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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unknown7.58	7.58	77.7	ng	1461330	1	8.05	375938	20.0
Hexadecane	21.30	4.4	ng	301341	5	21.70	1381670	20.0
Eicosane	21.84	2.1	ng	144546	5	21.70	1381670	20.0
Hexacosane	22.45	4.2	ng	287959	5	21.70	1381670	20.0
Octacosane	23.15	6.3	ng	437611	5	21.70	1381670	20.0
Benzo[e]pyrene	24.66	2.4	ng	127959	6	24.98	1071110	20.0
Octadecane, 2-met...	24.91	9.9	ng	532528	6	24.98	1071110	20.0
Pentacosane	26.04	8.3	ng	446786	6	24.98	1071110	20.0
Docosane	27.42	4.6	ng	246842	6	24.98	1071110	20.0