

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041732.D
 Acq On : 19 Jul 2019 13:07
 Operator : HP/JU
 Sample : K3868-05
 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-BG071519.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	3.116	3	5	14	rVB	180239	345805	7.37%	1.042%
2	3.198	14	19	26	rVB	222430	370800	7.91%	1.118%
3	5.607	422	429	442	rBV	1078061	1714299	36.56%	5.168%
4	7.193	692	699	715	rBV	1073377	1917896	40.90%	5.781%
5	7.575	756	764	771	rBV	1097660	1850294	39.46%	5.578%
6	8.045	837	844	853	rBV	385507	654497	13.96%	1.973%
7	8.368	890	899	908	rBV	862654	1489907	31.77%	4.491%
8	9.197	1033	1040	1053	rBV	636274	1131190	24.12%	3.410%
9	10.848	1312	1321	1329	rBV	499653	921706	19.65%	2.778%
10	13.292	1730	1737	1746	rBV	1830041	2820869	60.15%	8.503%
11	14.109	1870	1876	1882	rBV	223817	335856	7.16%	1.012%
12	14.661	1963	1970	1978	rBV2	796052	1267627	27.03%	3.821%
13	16.142	2215	2222	2231	rBV	1326894	2177004	46.42%	6.562%
14	17.399	2429	2436	2440	rBV2	1077185	1691378	36.07%	5.099%
15	17.440	2440	2443	2449	rVV	149197	219517	4.68%	0.662%
16	18.286	2578	2587	2590	rBV5	60217	111596	2.38%	0.336%
17	18.468	2612	2618	2622	rBV4	29533	51954	1.11%	0.157%
18	19.438	2778	2783	2790	rBV	423988	606455	12.93%	1.828%
19	19.796	2835	2844	2852	rBV	352840	627873	13.39%	1.893%
20	20.002	2872	2879	2891	rVB	3440391	4689510	100.00%	14.136%
21	20.290	2924	2928	2937	rVB2	52568	97374	2.08%	0.294%
22	21.036	3053	3055	3062	rVB2	37018	59893	1.28%	0.181%
23	21.312	3097	3102	3109	rBV4	186691	340877	7.27%	1.028%
24	21.647	3150	3159	3164	rVV2	1275368	2401421	51.21%	7.239%
25	21.688	3164	3166	3176	rVB	175470	264104	5.63%	0.796%
26	21.864	3190	3196	3201	rBV3	84796	150658	3.21%	0.454%
27	22.475	3295	3300	3314	rVB	116704	248858	5.31%	0.750%
28	23.169	3412	3418	3424	rVB	149650	264749	5.65%	0.798%
29	23.509	3472	3476	3482	rVB3	68888	124289	2.65%	0.375%
30	23.827	3523	3530	3537	rBV	138410	435324	9.28%	1.312%
31	23.974	3549	3555	3561	rBV2	170516	360709	7.69%	1.087%
32	24.544	3646	3652	3664	rVB3	88683	244933	5.22%	0.738%
33	24.679	3669	3675	3686	rVB2	109967	306077	6.53%	0.923%
34	24.837	3692	3702	3711	rBV2	745652	2103963	44.87%	6.342%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	24.925	3712	3717	3729	rvB3	145787	401402	8.56%	1.210%
36	26.071	3904	3912	3923	rvB2	123422	373007	7.95%	1.124%

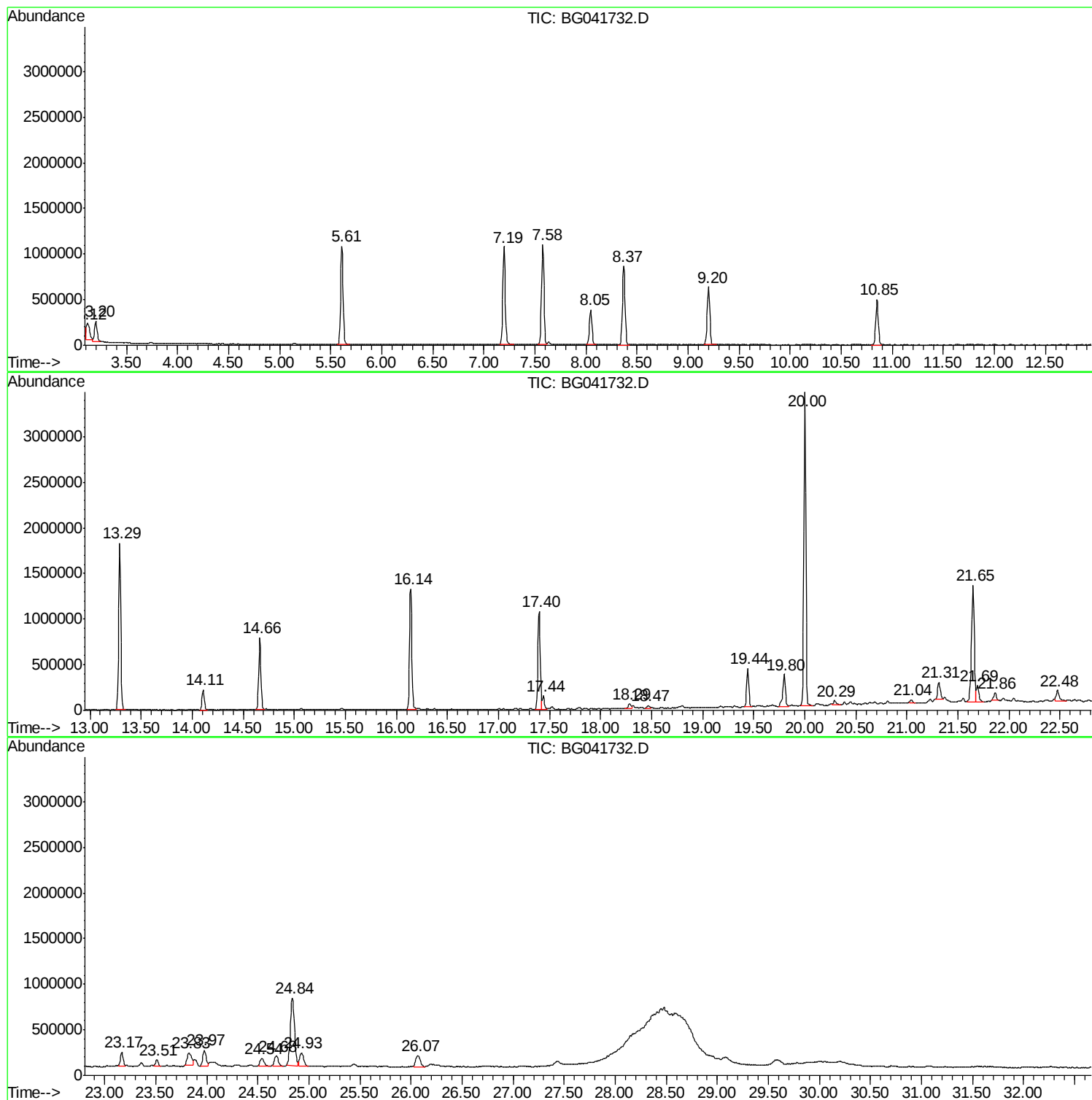
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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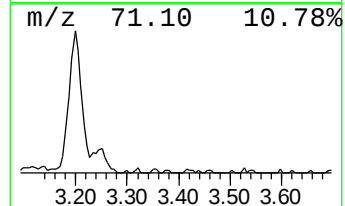
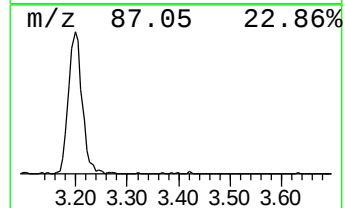
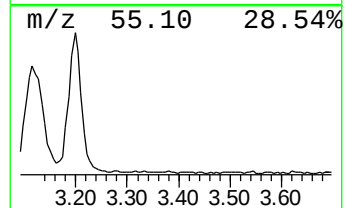
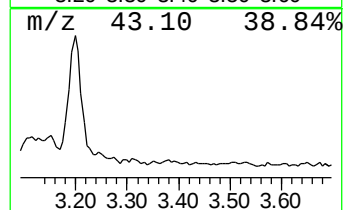
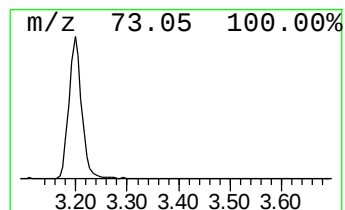
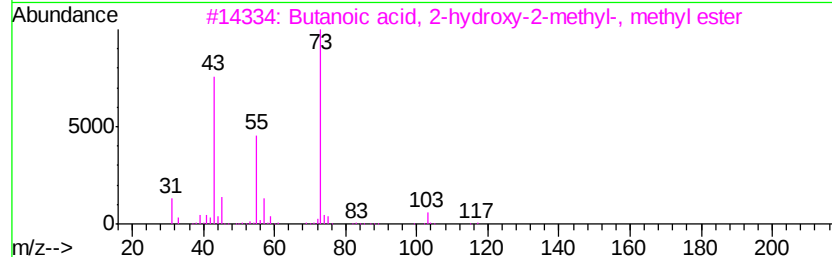
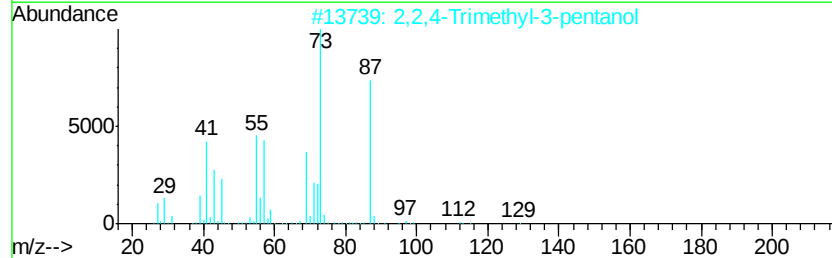
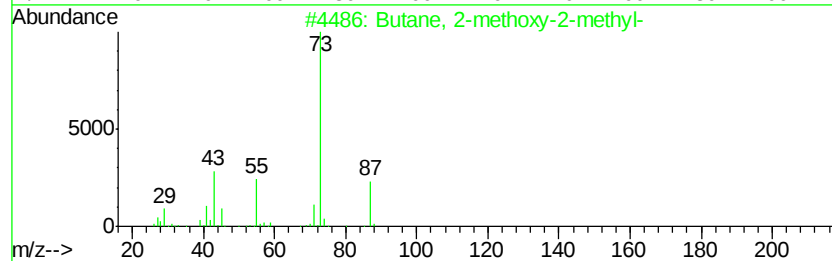
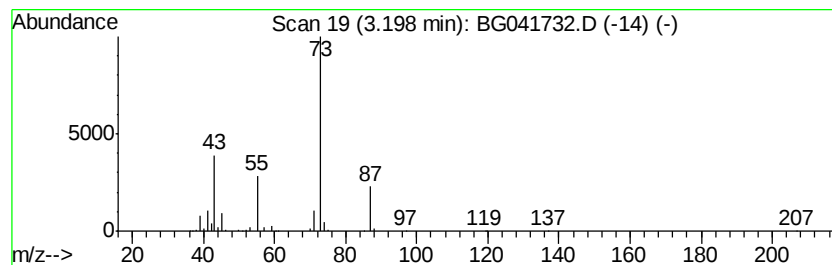
Instrument :
BNA_G
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	11.33 ng	370800	1,4-Dichlorobenzene-d4	8.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8 78
2		2,2,4-Trimethyl-3-pentanol	130 C8H18O	005162-48-1 39
3		Butanoic acid, 2-hydroxy-2-methyl...	132 C6H12O3	032793-34-3 28
4		1,3-Dioxolane, 2-methyl-	88 C4H8O2	000497-26-7 25
5		2-Hydroxy-2-methylbutyric acid	118 C5H10O3	003739-30-8 17



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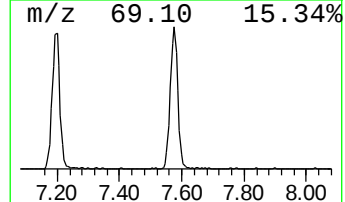
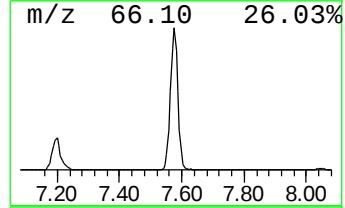
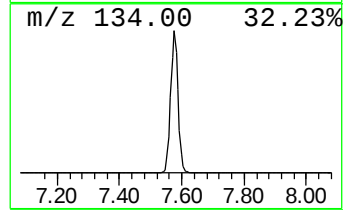
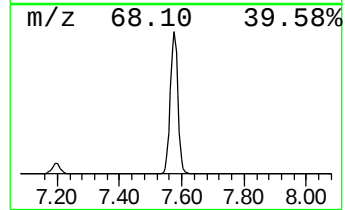
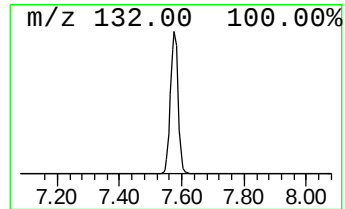
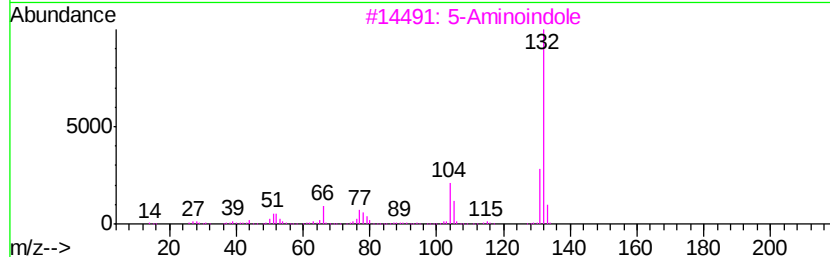
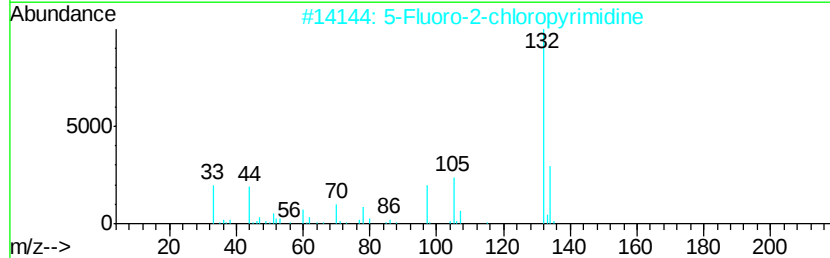
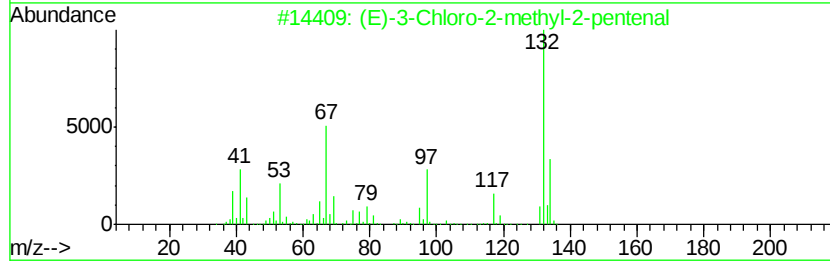
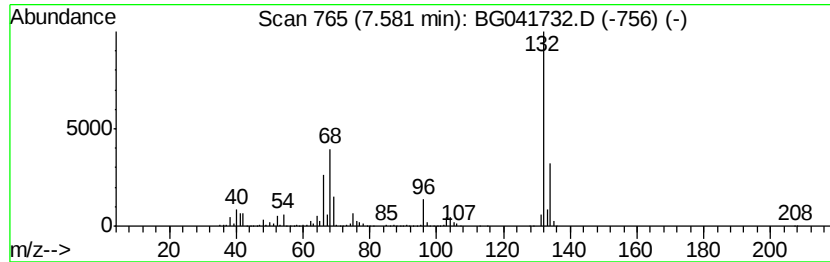
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	56.54 ng	1850290	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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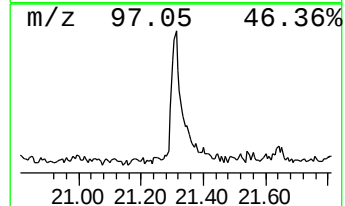
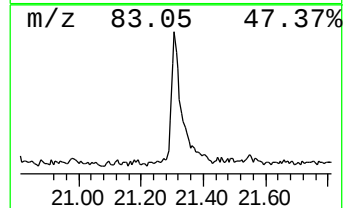
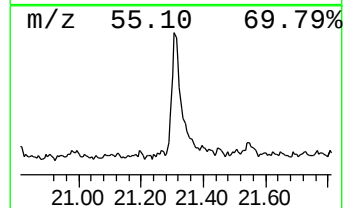
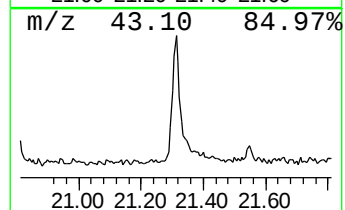
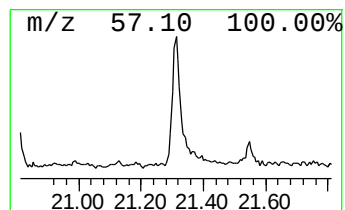
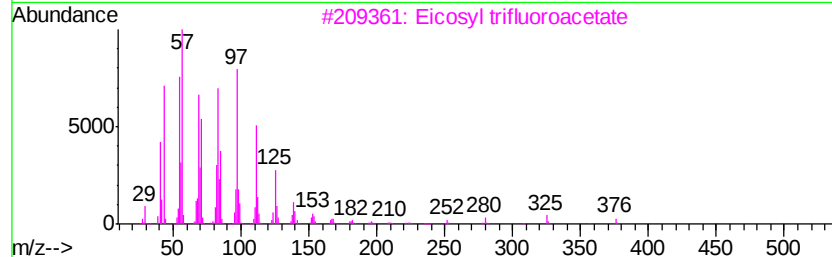
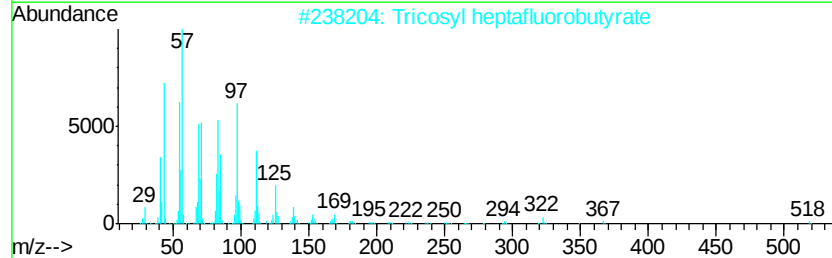
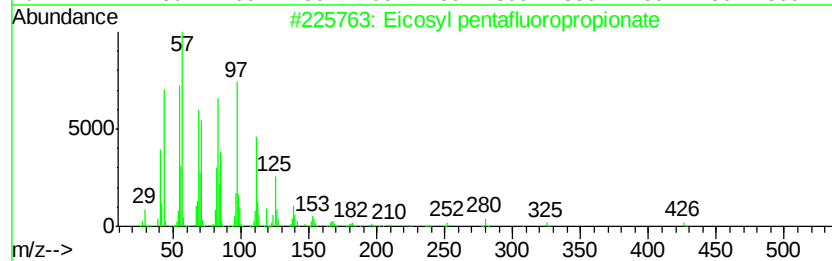
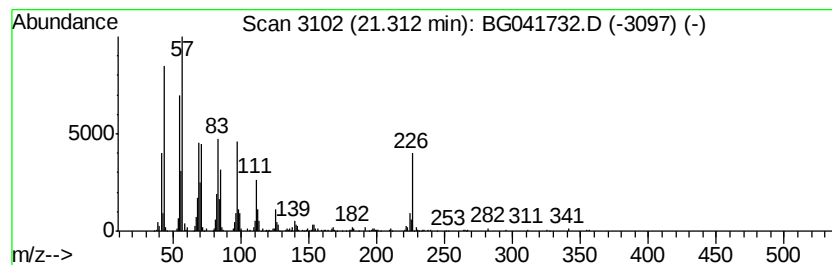
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 Eicosyl pentafluoropropionate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	2.84 ng	340877	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	81
2		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	81
3		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	81
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
5		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	81



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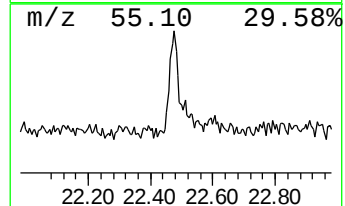
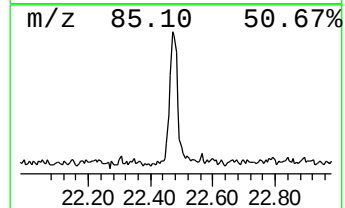
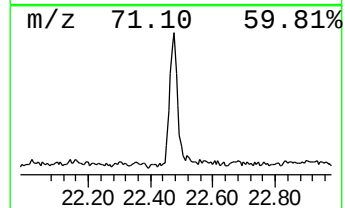
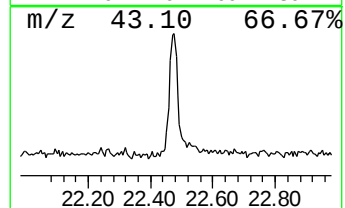
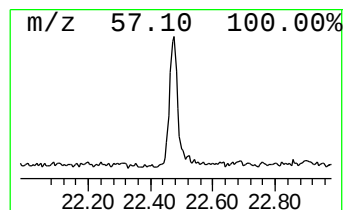
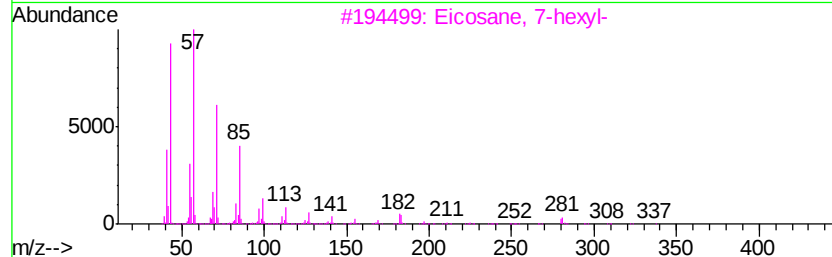
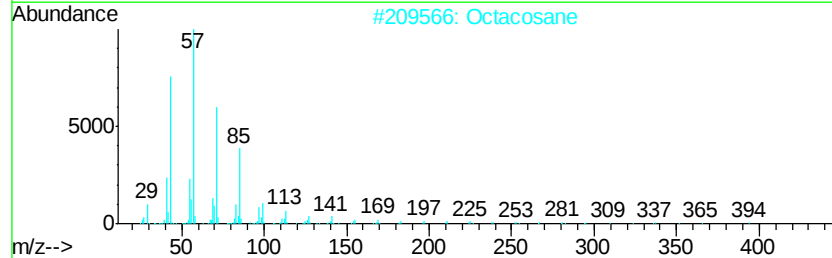
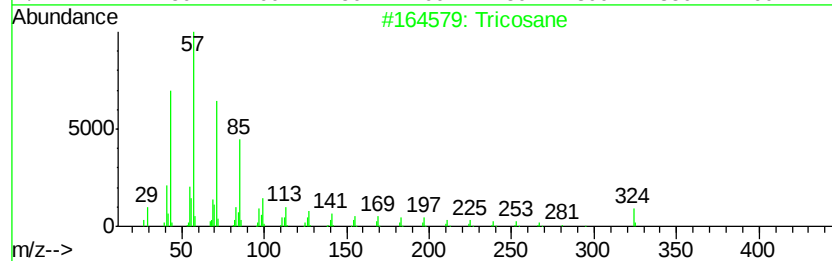
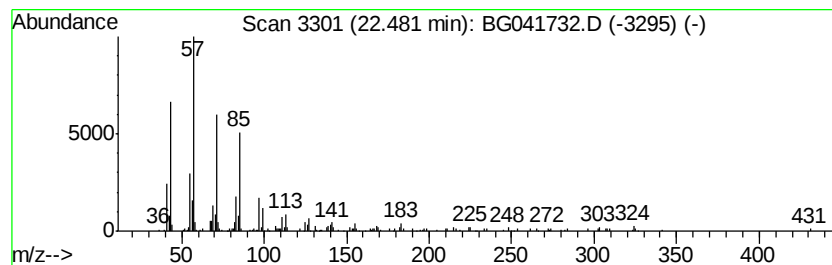
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TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Tricosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.07 ng	248858	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Octacosane	394	C28H58	000630-02-4	87
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4		Heptacosane	380	C27H56	000593-49-7	86
5		Tricosane, 2-methyl-	338	C24H50	001928-30-9	86



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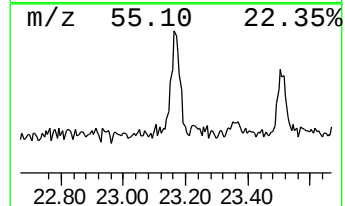
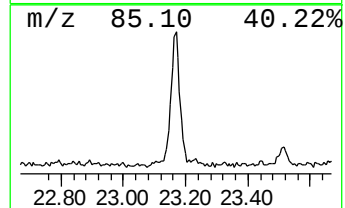
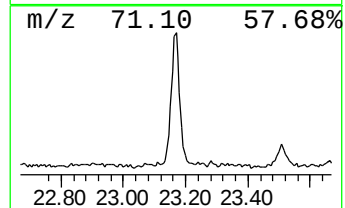
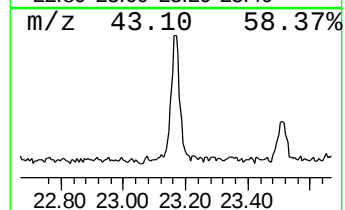
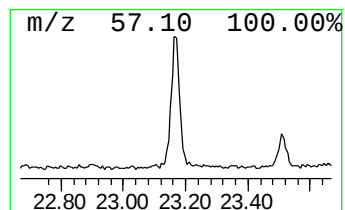
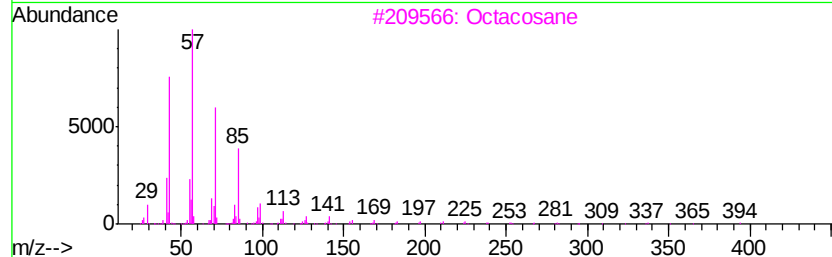
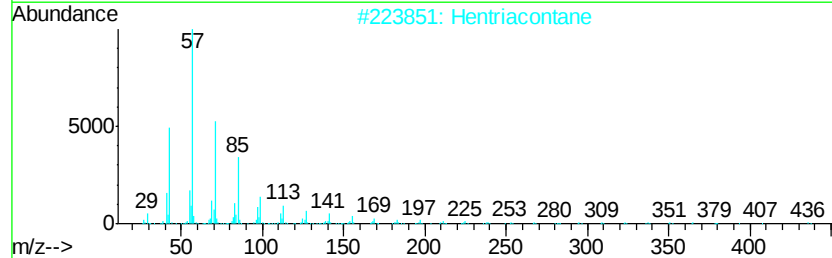
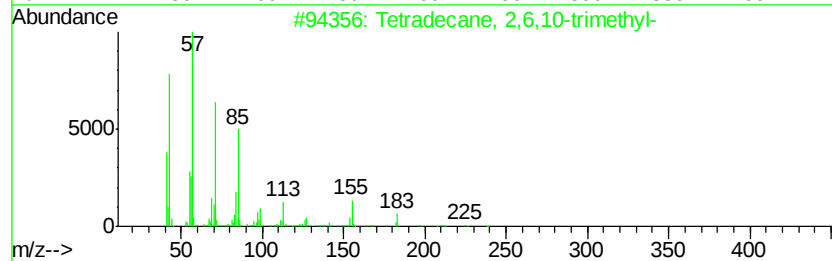
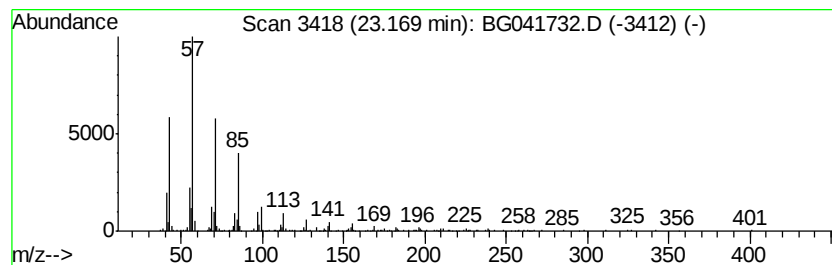
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetradecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.20 ng	264749	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041732.D
Acq On : 19 Jul 2019 13:07
Operator : HP/JU
Sample : K3868-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

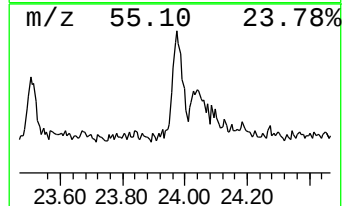
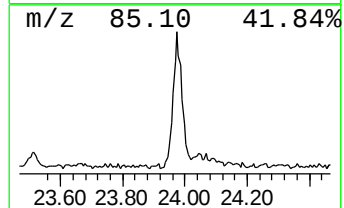
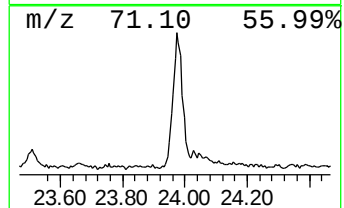
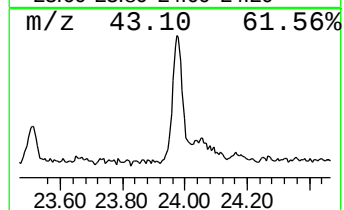
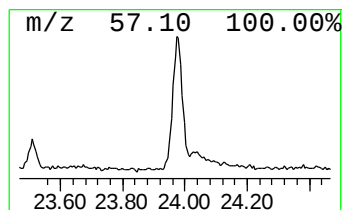
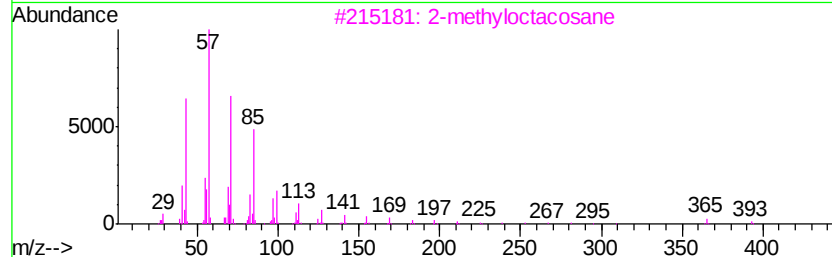
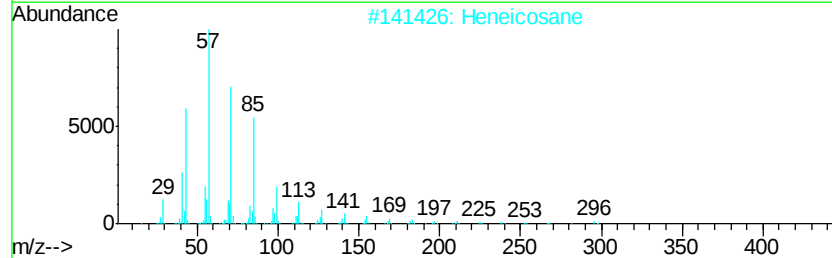
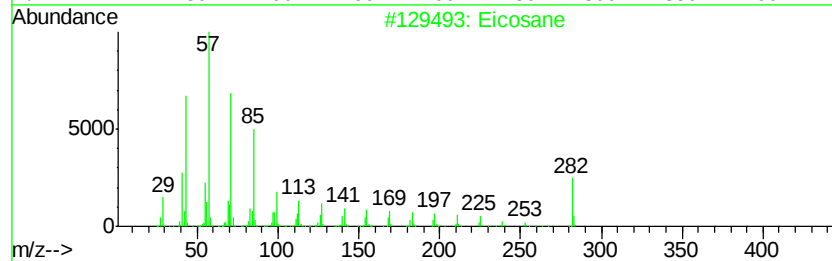
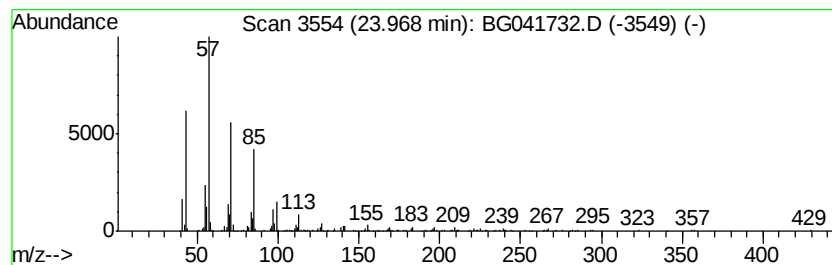
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.43 ng	360709	Perylene-d12	24.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Heneicosane		296	C21H44	000629-94-7	90
3	2-methyloctacosane		408	C29H60	1000376-72-8	90
4	Tetracosane		338	C24H50	000646-31-1	90
5	Heptacosane		380	C27H56	000593-49-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041732.D
Acq On : 19 Jul 2019 13:07
Operator : HP/JU
Sample : K3868-05
Misc :
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Instrument :
BNA_G
ClientSampleId :
TP-1

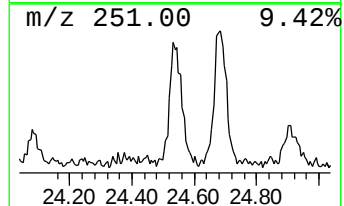
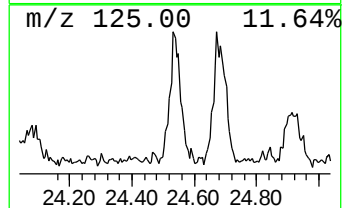
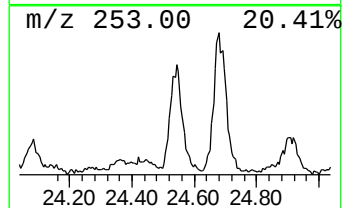
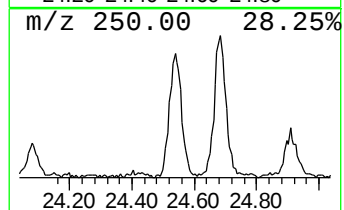
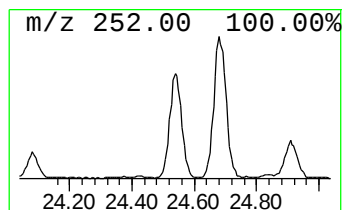
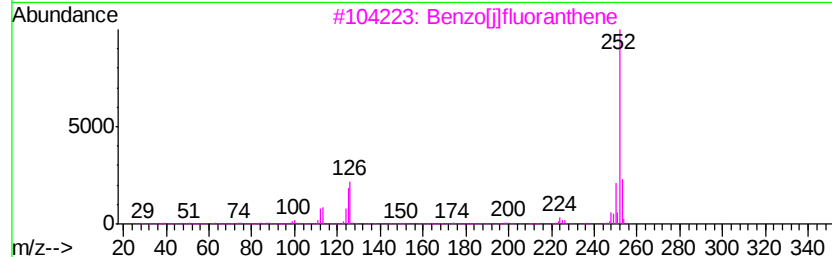
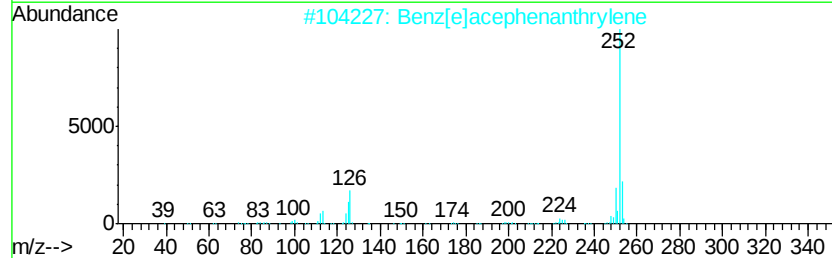
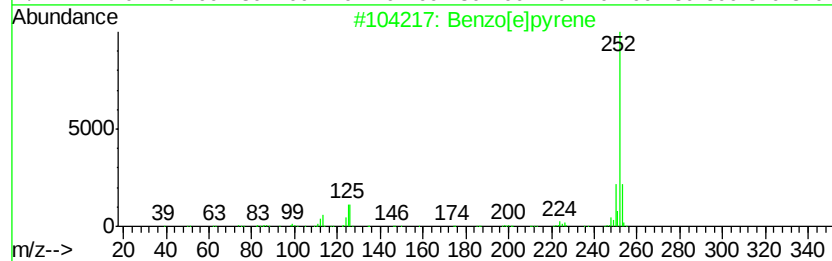
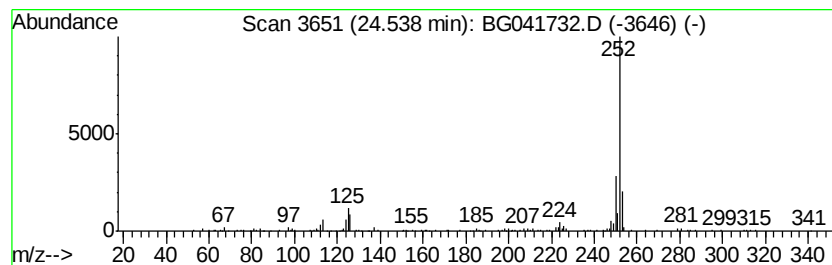
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	2.33 ng	244933	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	83
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	81
4		Benzo[a]pyrene	252	C20H12	000050-32-8	80
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041732.D
Acq On : 19 Jul 2019 13:07
Operator : HP/JU
Sample : K3868-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

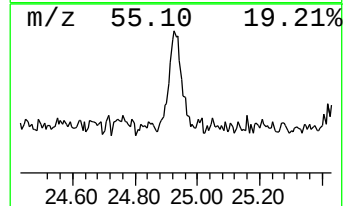
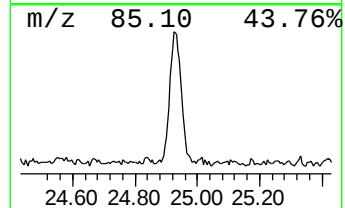
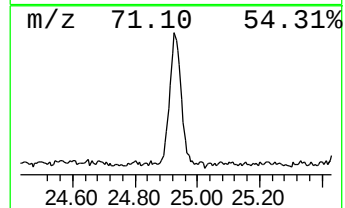
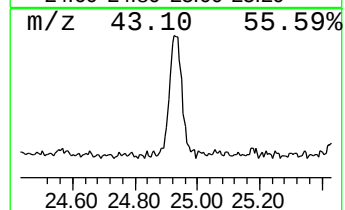
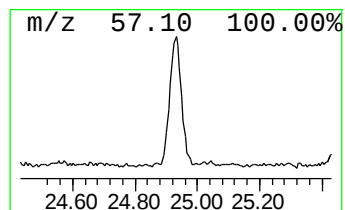
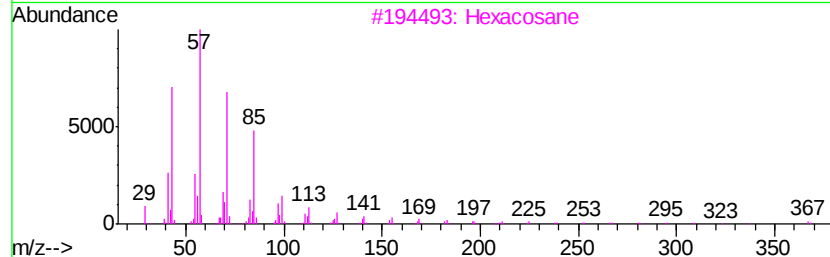
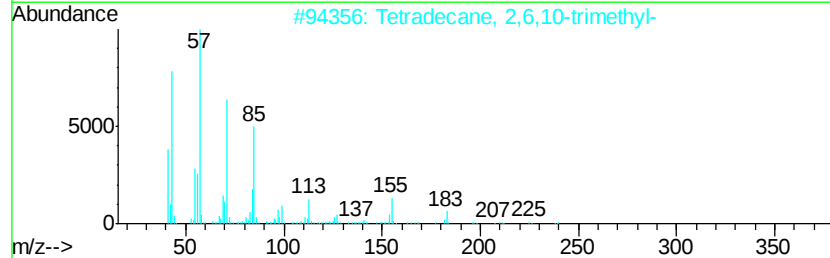
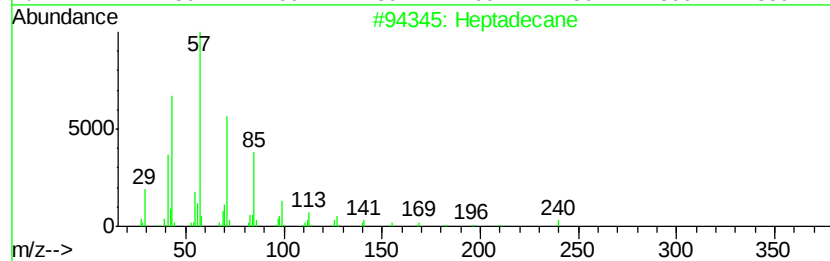
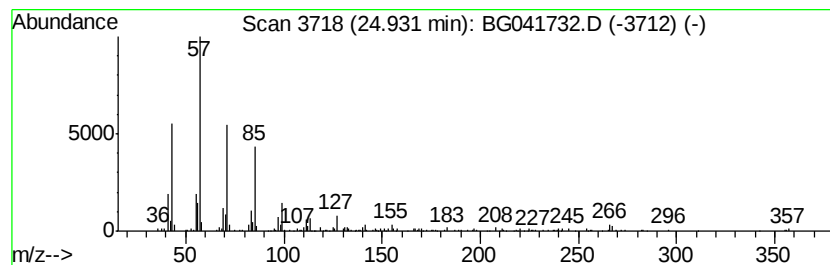
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	3.82 ng	401402	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041732.D
Acq On : 19 Jul 2019 13:07
Operator : HP/JU
Sample : K3868-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

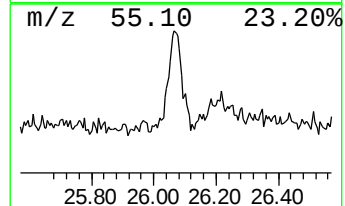
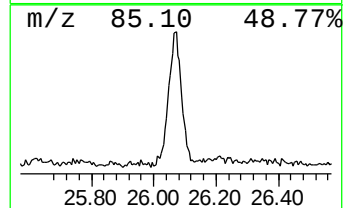
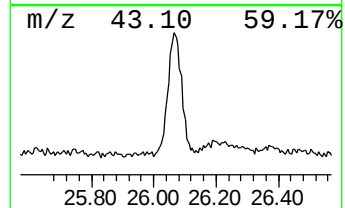
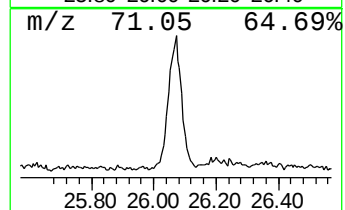
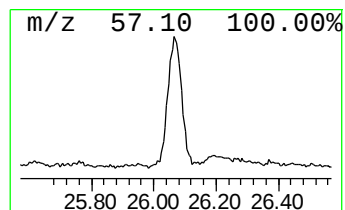
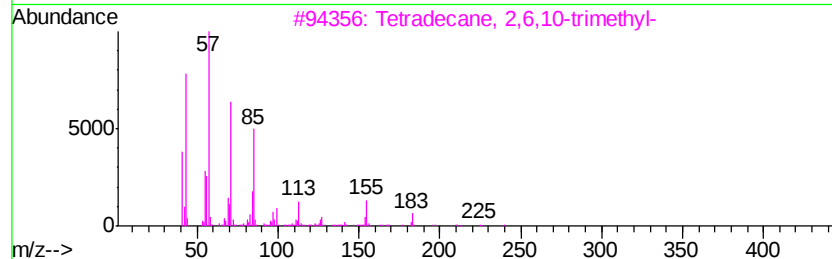
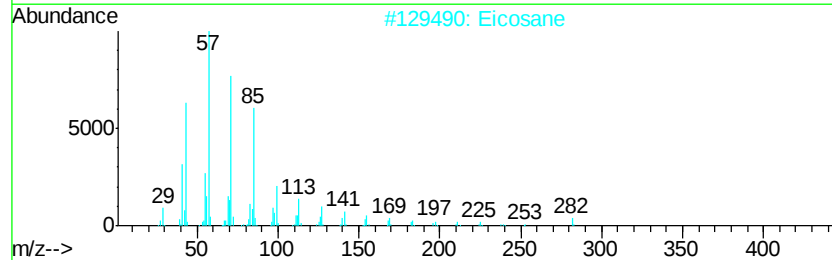
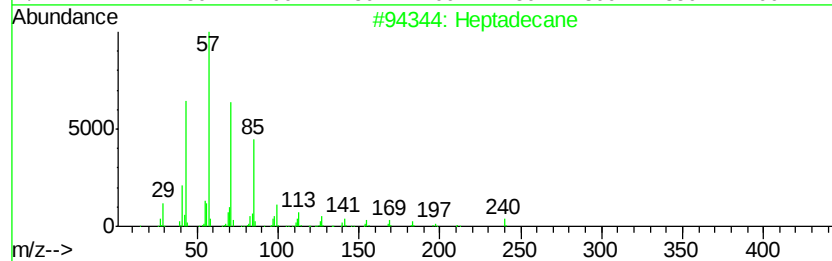
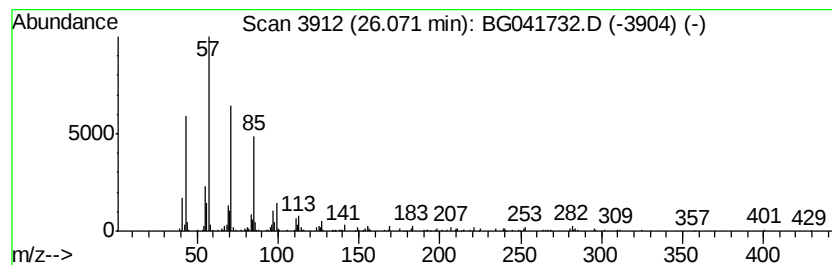
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.07	3.55 ng	373007	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071919\
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Sample : K3868-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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	56.5	ng	1850290	1	8.05	654497	20.0
Eicosyl pentafluo...	21.31	2.8	ng	340877	5	21.65	2401420	20.0
Tricosane	22.48	2.1	ng	248858	5	21.65	2401420	20.0
Tetradecane, 2,6,...	23.17	2.2	ng	264749	5	21.65	2401420	20.0
Eicosane	23.97	3.4	ng	360709	6	24.84	2103960	20.0
Benzo[e]pyrene	24.54	2.3	ng	244933	6	24.84	2103960	20.0
Heptadecane	24.93	3.8	ng	401402	6	24.84	2103960	20.0
Heptadecane, 2,6,...	26.07	3.5	ng	373007	6	24.84	2103960	20.0