

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040967.D
 Acq On : 31 May 2019 1:53
 Operator : HP/JU
 Sample : K3068-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-3SW(3-4)

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-BG052919.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	3.125	3	6	15	rVV	107484	201672	5.28%	0.834%
2	3.207	15	20	34	rVB	276270	428290	11.22%	1.772%
3	5.657	429	437	450	rBV	945403	1507985	39.49%	6.238%
4	7.267	702	711	726	rBV	1021335	1810959	47.43%	7.492%
5	7.649	766	776	787	rBV	980509	1668979	43.71%	6.904%
6	8.119	849	856	868	rBV	213873	389144	10.19%	1.610%
7	8.448	903	912	919	rBV	708067	1234493	32.33%	5.107%
8	9.300	1048	1057	1066	rBV	625135	1134448	29.71%	4.693%
9	10.945	1330	1337	1345	rBV	296362	524699	13.74%	2.171%
10	13.378	1743	1751	1759	rBV	1611535	2511093	65.76%	10.388%
11	14.194	1884	1890	1897	rBV	105887	155447	4.07%	0.643%
12	14.753	1976	1985	1993	rBV2	520195	817626	21.41%	3.382%
13	16.239	2231	2238	2251	rBV	1553384	2408915	63.09%	9.965%
14	17.496	2445	2452	2458	rBV2	728867	1105152	28.94%	4.572%
15	18.348	2592	2597	2606	rBV	291359	423042	11.08%	1.750%
16	19.500	2785	2793	2795	rBV7	16558	40862	1.07%	0.169%
17	19.541	2795	2800	2805	rVB	45370	70164	1.84%	0.290%
18	19.612	2808	2812	2825	rBV2	113159	187919	4.92%	0.777%
19	19.899	2857	2861	2868	rVB	37915	59692	1.56%	0.247%
20	20.093	2888	2894	2900	rBV	2835418	3818373	100.00%	15.796%
21	21.368	3106	3111	3121	rBV	158253	280730	7.35%	1.161%
22	21.774	3173	3180	3186	rBV2	749331	1275077	33.39%	5.275%
23	21.927	3202	3206	3211	rVB2	51744	73225	1.92%	0.303%
24	22.549	3307	3312	3317	rBV2	58667	96377	2.52%	0.399%
25	23.260	3427	3433	3439	rBV2	110322	208949	5.47%	0.864%
26	23.460	3461	3467	3473	rVB	59428	113839	2.98%	0.471%
27	24.089	3568	3574	3584	rVB2	76381	179224	4.69%	0.741%
28	25.111	3734	3748	3759	rBV2	402226	1310945	34.33%	5.423%
29	26.233	3932	3939	3949	rVB6	43880	135454	3.55%	0.560%

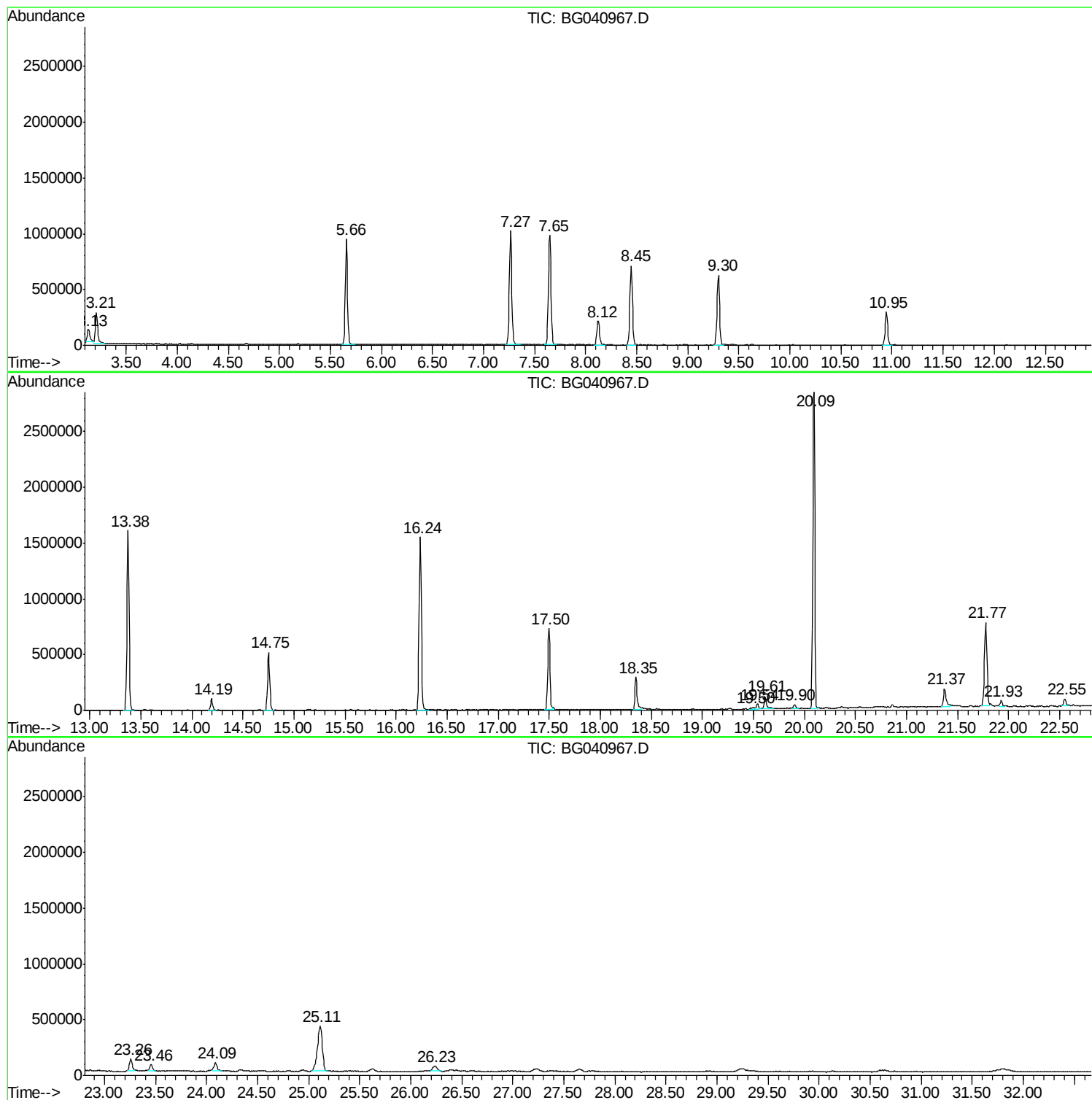
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B-3SW(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.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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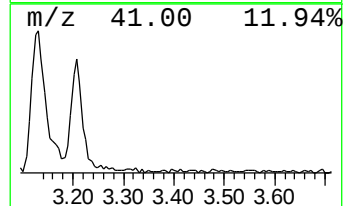
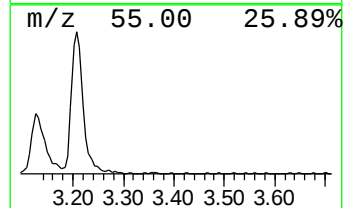
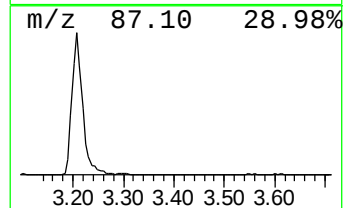
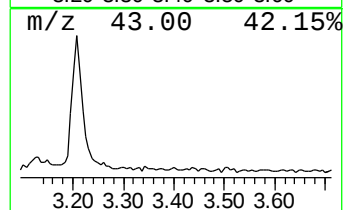
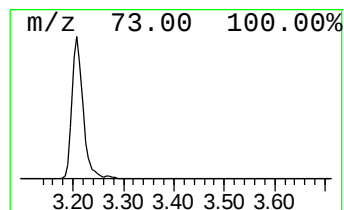
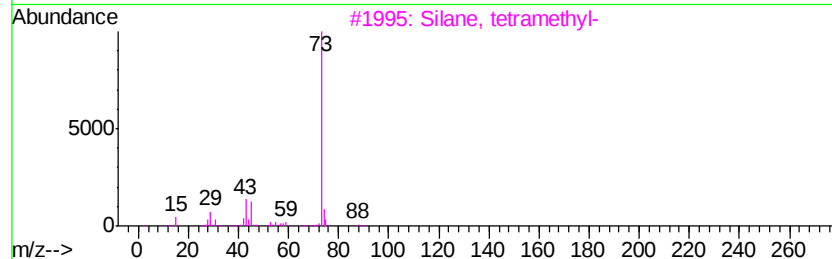
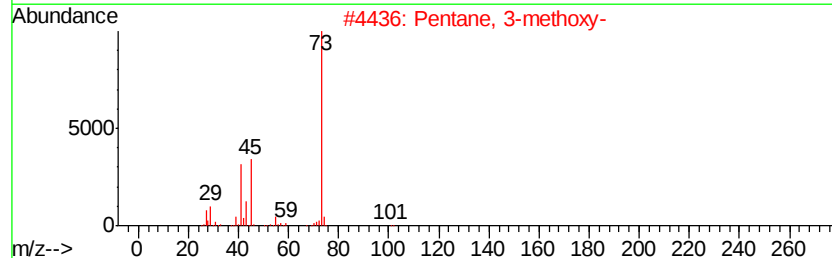
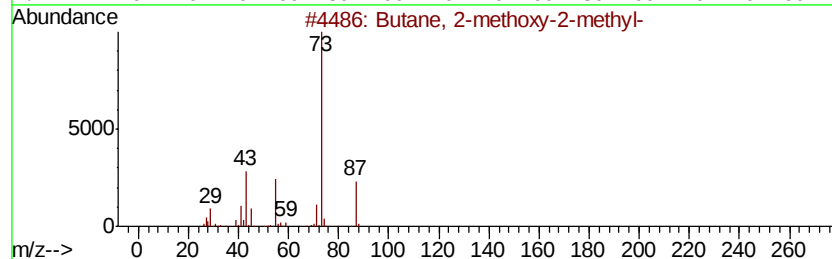
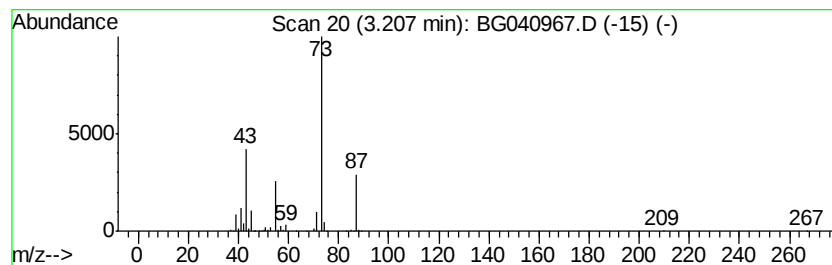
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	22.01 ng	428290	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
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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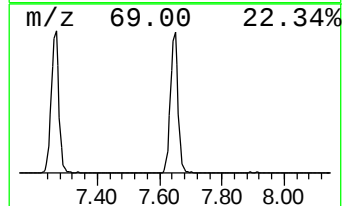
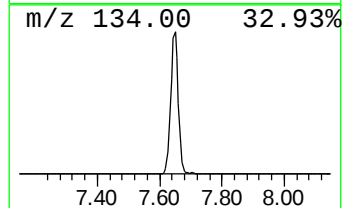
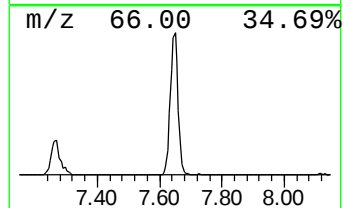
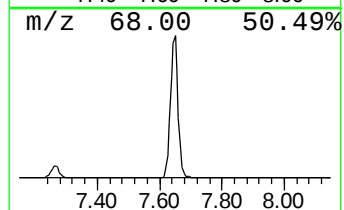
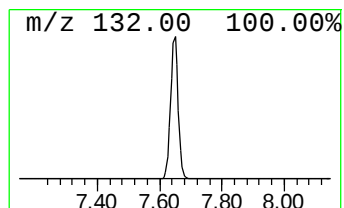
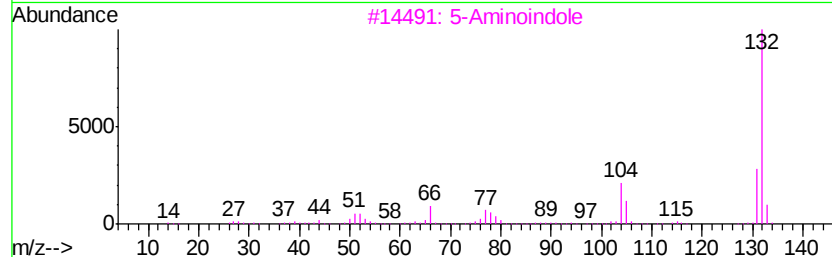
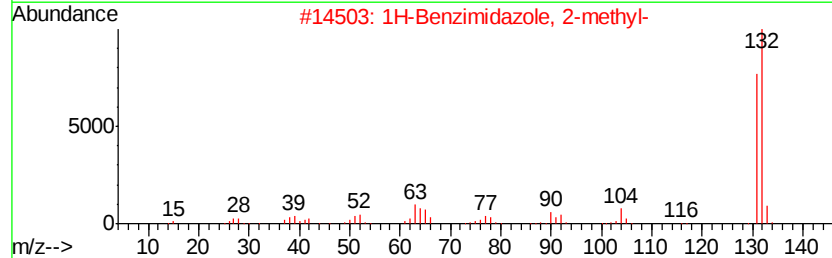
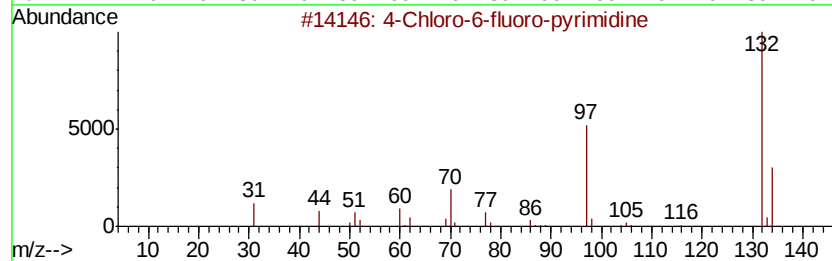
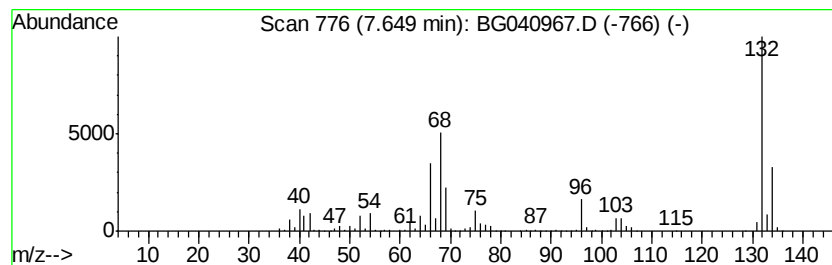
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Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	85.78 ng	1668980	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16



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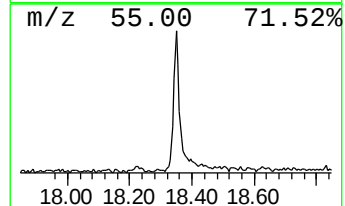
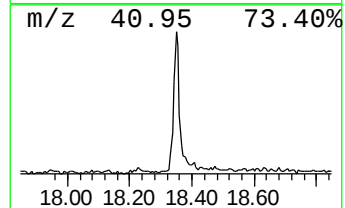
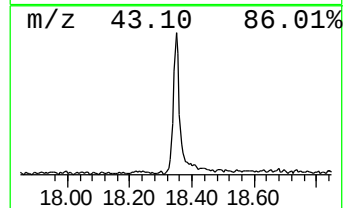
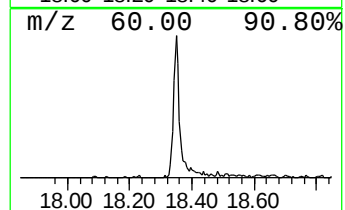
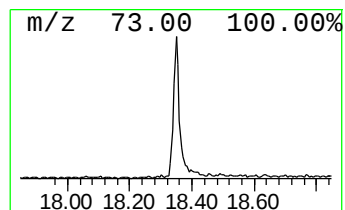
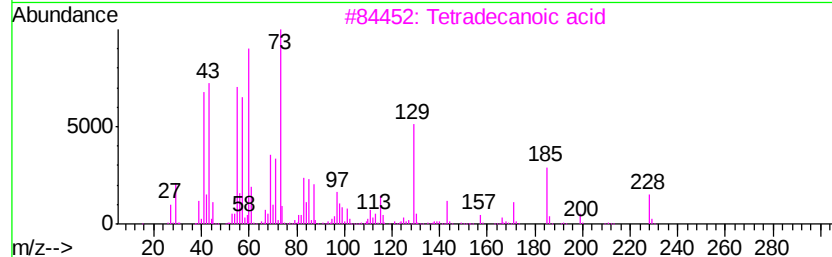
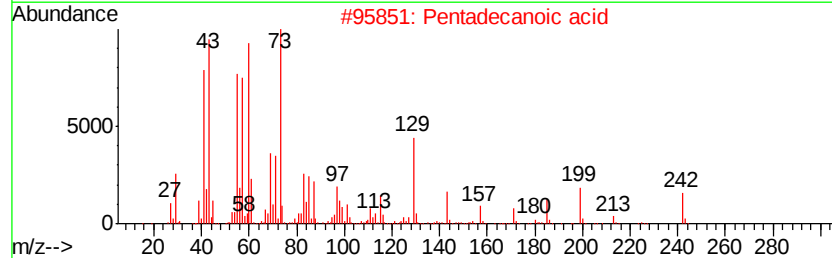
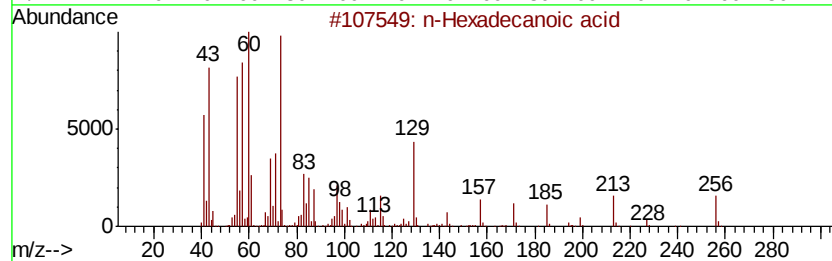
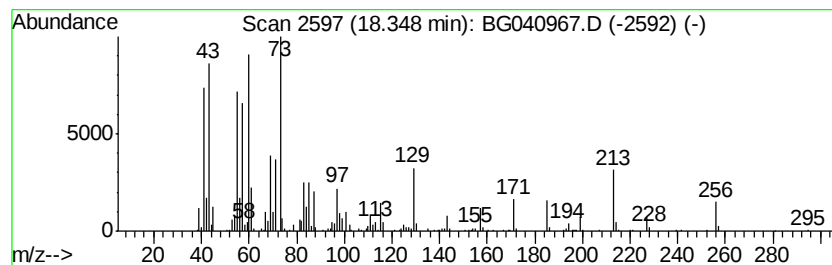
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	7.66 ng	423042	Phenanthrene-d10	17.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Dodecanoic acid	200	C12H24O2	000143-07-7	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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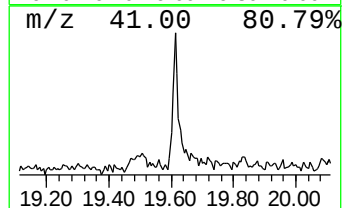
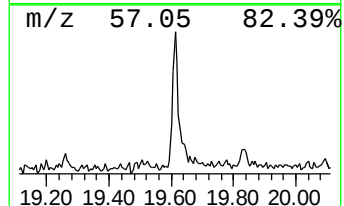
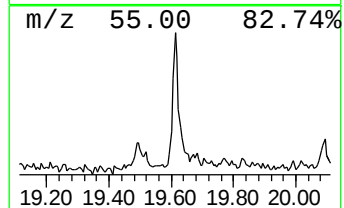
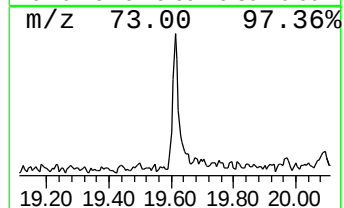
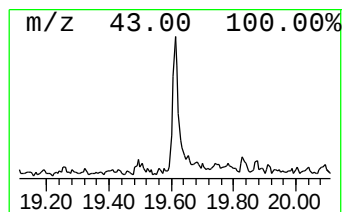
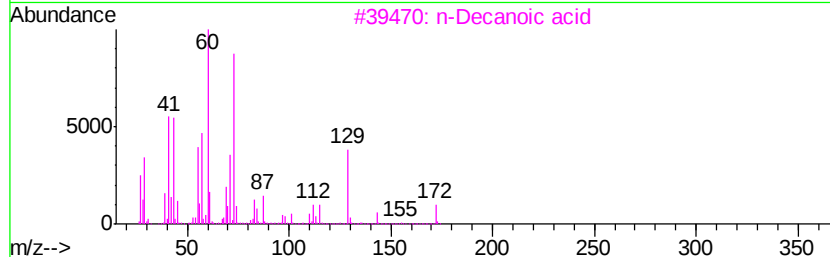
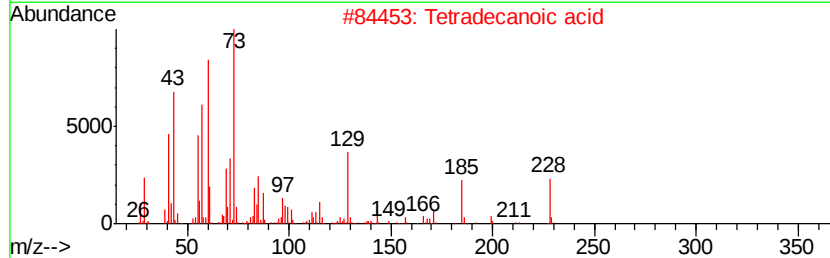
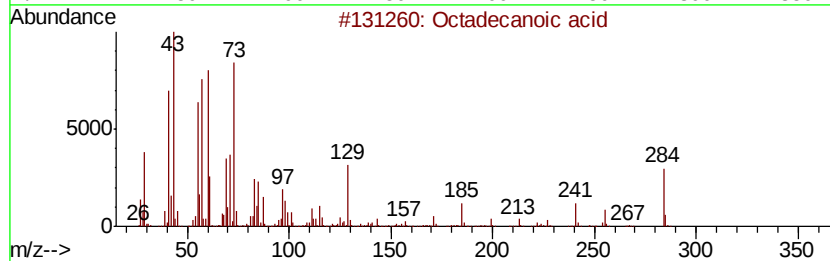
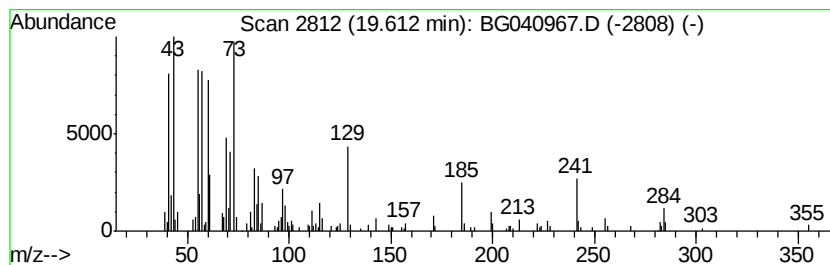
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Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	3.40 ng	187919	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3		n-Decanoic acid	172	C10H20O2	000334-48-5	64
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43



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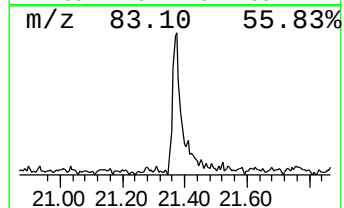
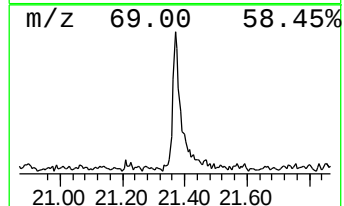
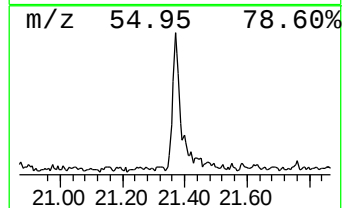
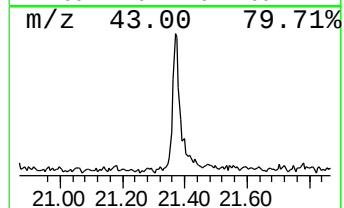
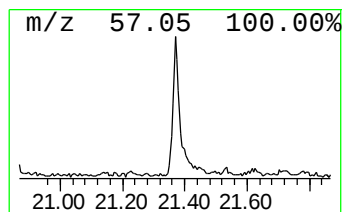
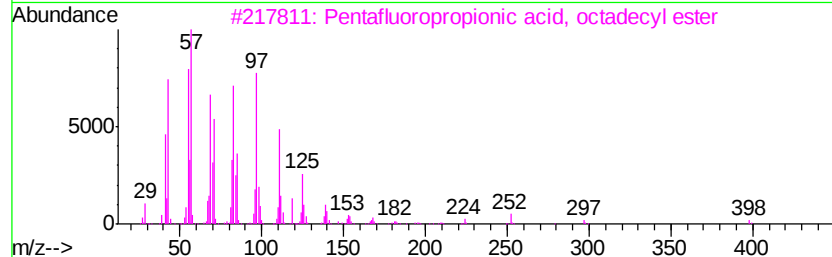
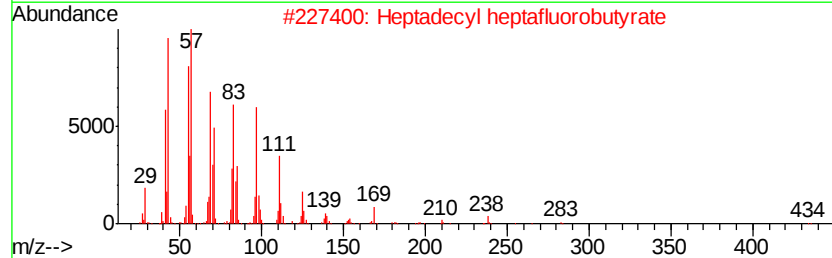
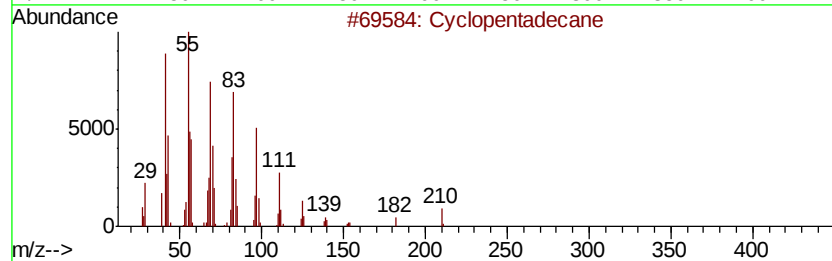
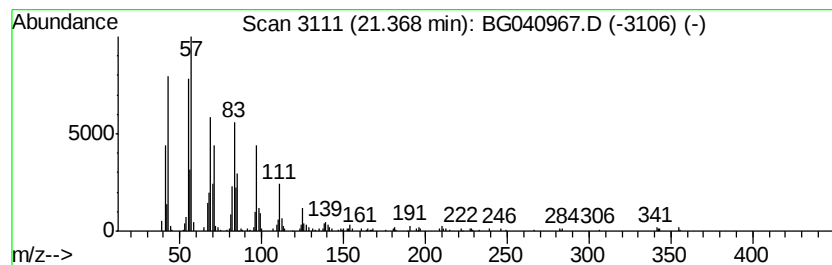
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Peak Number 7 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.40 ng	280730	Chrysene-d12	21.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	96
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	91
4		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91



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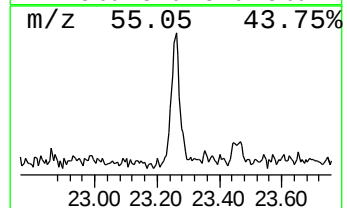
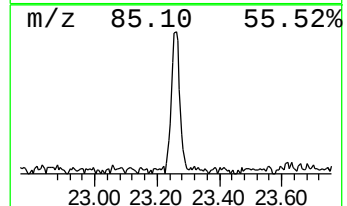
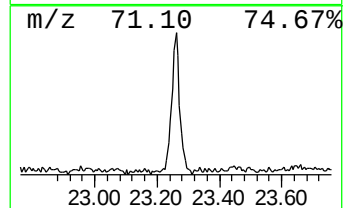
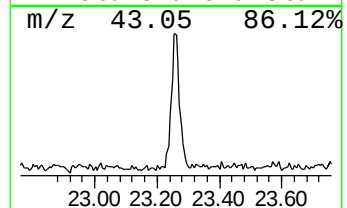
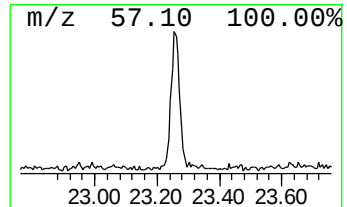
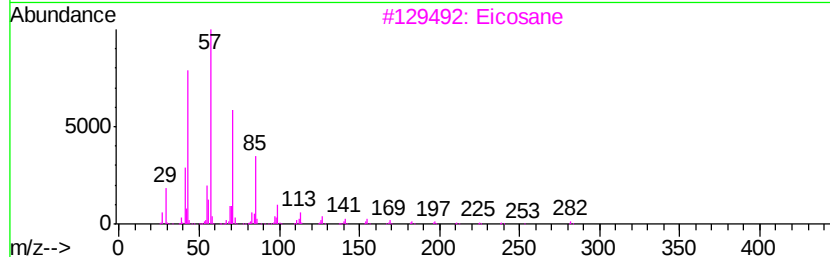
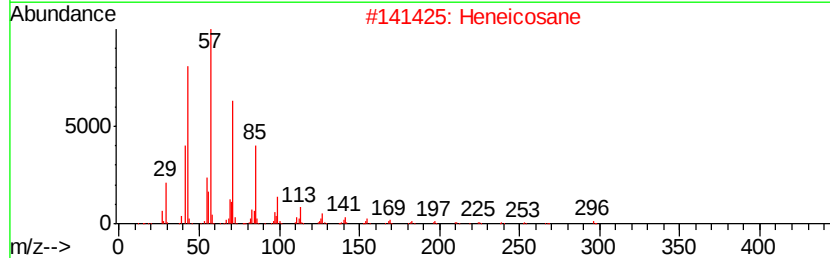
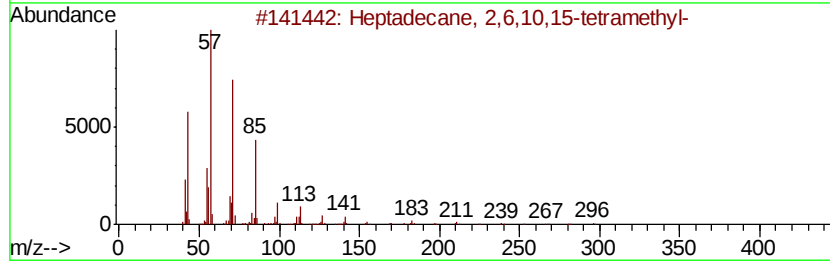
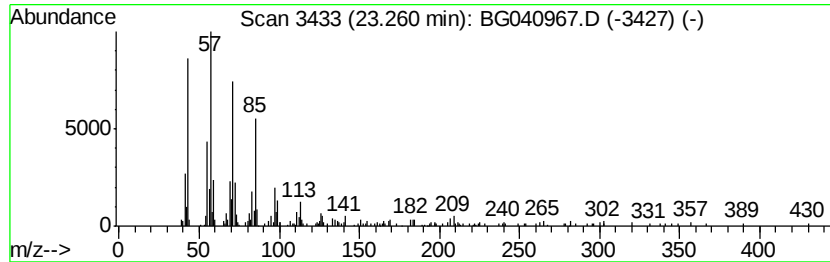
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	3.28 ng	208949	Chrysene-d12	21.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	97
2		Heneicosane	296	C21H44	000629-94-7	96
3		Eicosane	282	C20H42	000112-95-8	91
4		Octadecane	254	C18H38	000593-45-3	86
5		Tetratetracontane	619	C44H90	007098-22-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040967.D
Acq On : 31 May 2019 1:53
Operator : HP/JU
Sample : K3068-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-3SW(3-4)

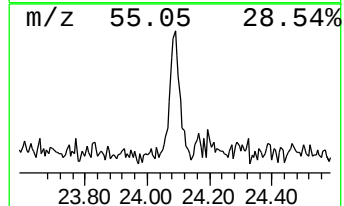
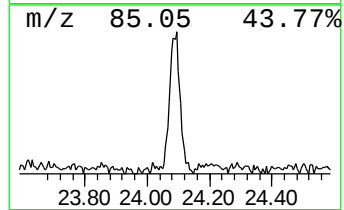
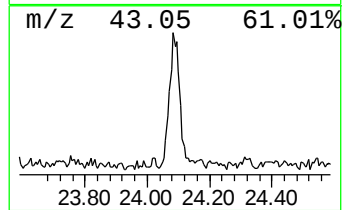
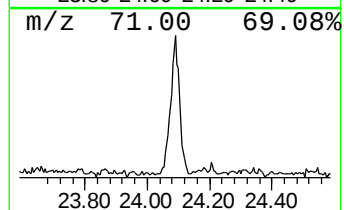
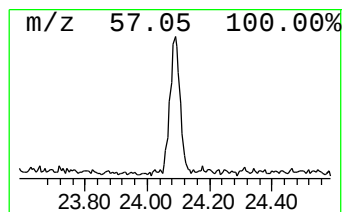
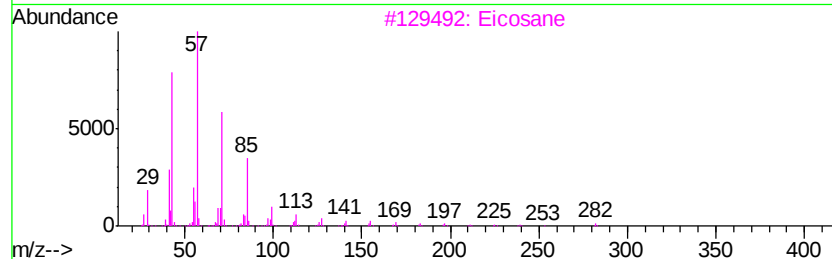
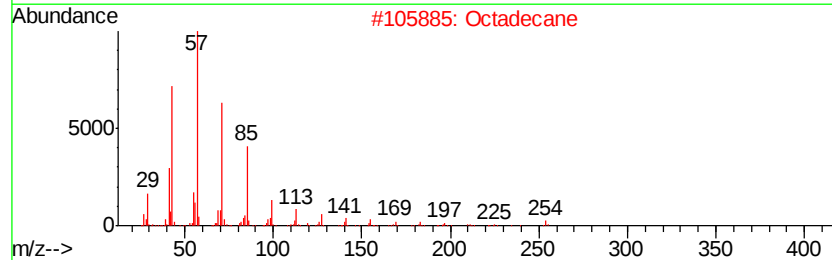
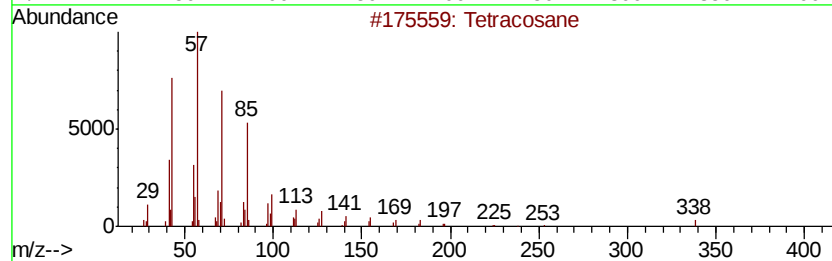
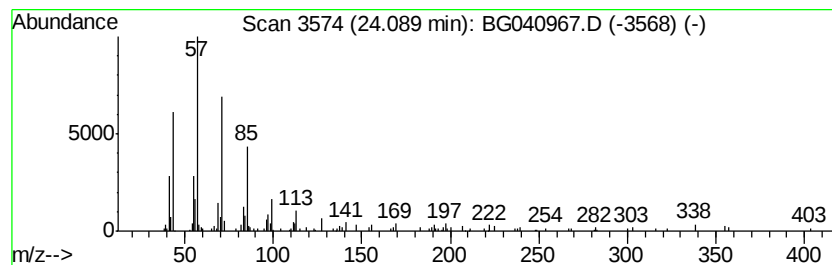
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.73 ng	179224	Perylene-d12	25.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	96
2	Octadecane		254	C18H38	000593-45-3	94
3	Eicosane		282	C20H42	000112-95-8	93
4	Hexacosane		366	C26H54	000630-01-3	90
5	Octacosane		394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040967.D
Acq On : 31 May 2019 1:53
Operator : HP/JU
Sample : K3068-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-3SW(3-4)

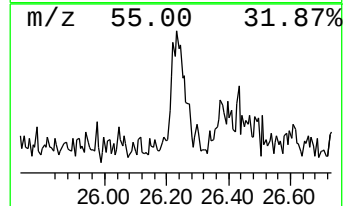
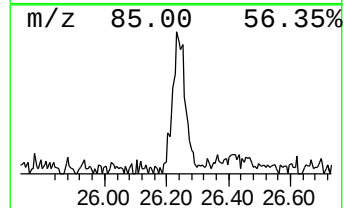
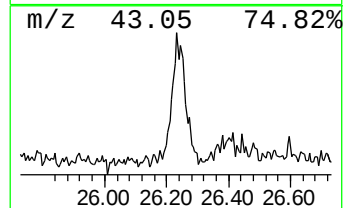
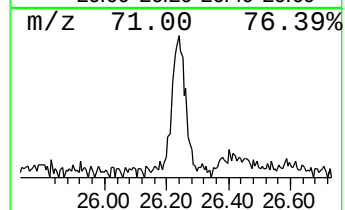
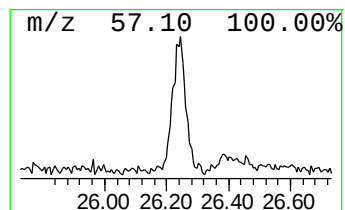
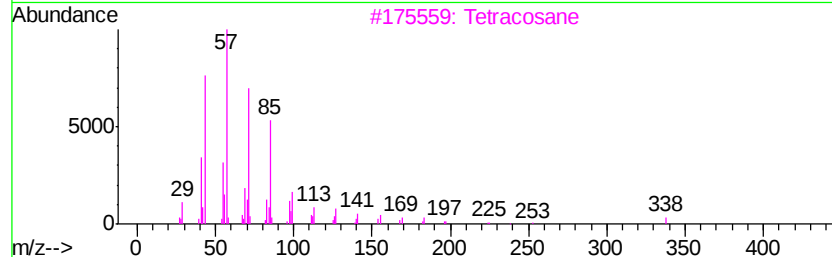
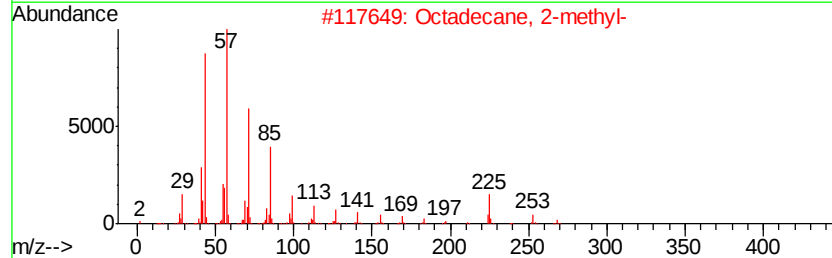
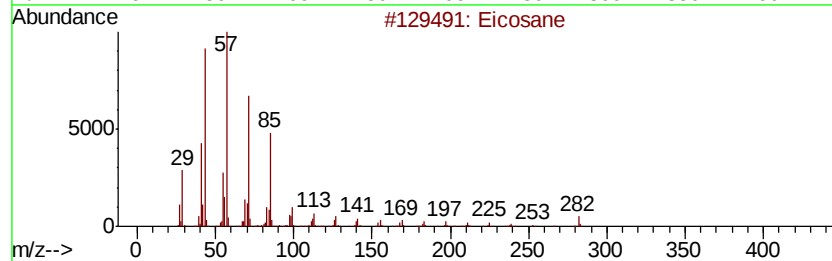
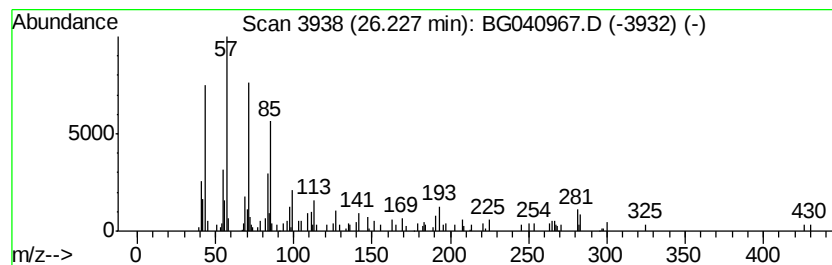
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	2.07 ng	135454	Perylene-d12	25.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3		Tetracosane	338	C24H50	000646-31-1	83
4		Heptadecane	240	C17H36	000629-78-7	80
5		Docosane, 7-hexyl-	394	C28H58	055373-86-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG053019\
Data File : BG040967.D
Acq On : 31 May 2019 1:53
Operator : HP/JU
Sample : K3068-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-3SW(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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...	3.21	22.0	ng	428290	1	8.12	389144	20.0
unknown7.65	7.65	85.8	ng	1668980	1	8.12	389144	20.0
n-Hexadecanoic acid	18.35	7.7	ng	423042	4	17.50	1105150	20.0
Octadecanoic acid	19.61	3.4	ng	187919	4	17.50	1105150	20.0
Cyclopentadecane	21.37	4.4	ng	280730	5	21.77	1275080	20.0
Heptadecane, 2,6,...	23.26	3.3	ng	208949	5	21.77	1275080	20.0
Tetracosane	24.09	2.7	ng	179224	6	25.11	1310950	20.0
Eicosane	26.23	2.1	ng	135454	6	25.11	1310950	20.0