

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044128.D
 Acq On : 21 Jan 2020 11:28
 Operator : JU
 Sample : L1162-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5-(SETTLED)

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-BG123019.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	5.032	325	331	343	rBV	104958	164106	2.91%	0.494%
2	5.508	405	412	426	rBV	762346	1242123	22.03%	3.740%
3	7.100	674	683	700	rBV	499887	948027	16.82%	2.855%
4	7.464	737	745	759	rBV	1489465	2604078	46.20%	7.842%
5	7.929	816	824	831	rBV	304215	515750	9.15%	1.553%
6	8.252	871	879	889	rBV	1224939	2140321	37.97%	6.445%
7	9.086	1013	1021	1030	rBV	1000480	1802576	31.98%	5.428%
8	10.379	1236	1241	1249	rBV5	33416	58054	1.03%	0.175%
9	10.731	1293	1301	1313	rBV	422569	792624	14.06%	2.387%
10	13.187	1712	1719	1732	rBV	2647368	4494419	79.73%	13.534%
11	13.469	1761	1767	1773	rBV	107094	170686	3.03%	0.514%
12	14.016	1854	1860	1872	rBV	208594	349639	6.20%	1.053%
13	14.568	1946	1954	1966	rVB	731945	1202742	21.34%	3.622%
14	15.302	2075	2079	2087	rVB	43241	72524	1.29%	0.218%
15	16.054	2200	2207	2220	rBV	2145388	3461005	61.40%	10.422%
16	16.859	2339	2344	2353	rBV	108454	160854	2.85%	0.484%
17	17.306	2414	2420	2430	rBV	806945	1294951	22.97%	3.900%
18	18.211	2569	2574	2580	rBV2	63461	112199	1.99%	0.338%
19	19.715	2826	2830	2833	rBV	68186	80362	1.43%	0.242%
20	19.926	2859	2866	2879	rBV	4172443	5637101	100.00%	16.975%
21	20.244	2913	2920	2926	rBV	106649	147641	2.62%	0.445%
22	20.737	3000	3004	3008	rVB	77040	88938	1.58%	0.268%
23	21.231	3083	3088	3101	rBV	512710	1022621	18.14%	3.079%
24	21.554	3137	3143	3153	rBV2	771041	1310867	23.25%	3.947%
25	21.765	3175	3179	3190	rVB	86787	149681	2.66%	0.451%
26	22.359	3275	3280	3286	rBV	121164	220557	3.91%	0.664%
27	23.034	3388	3395	3406	rVB	176007	333689	5.92%	1.005%
28	23.804	3520	3526	3534	rBV2	170503	363570	6.45%	1.095%
29	24.662	3662	3672	3679	rBV	500145	1392315	24.70%	4.193%
30	24.727	3679	3683	3696	rVB2	151957	358441	6.36%	1.079%
31	25.814	3860	3868	3879	rVB2	111360	325168	5.77%	0.979%
32	27.112	4081	4089	4099	rBV3	55618	190359	3.38%	0.573%

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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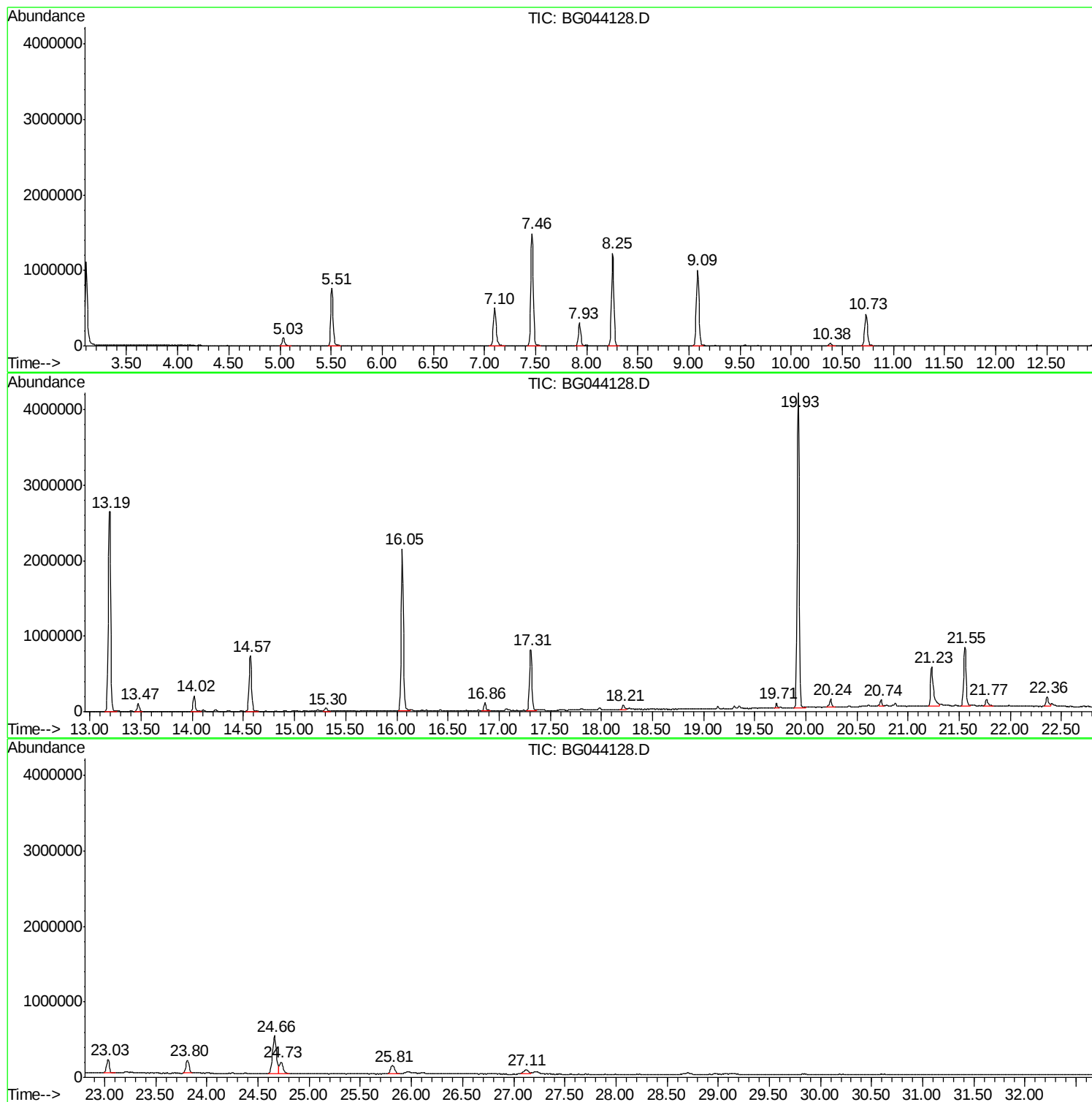
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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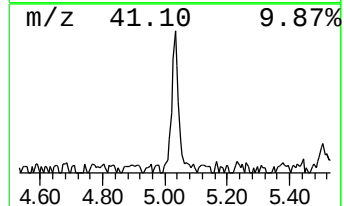
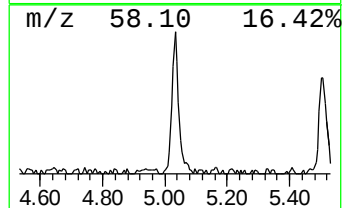
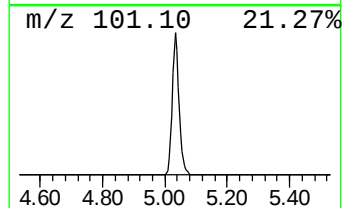
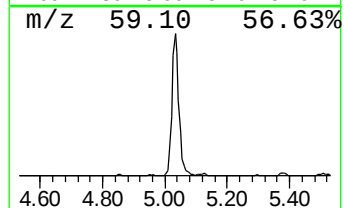
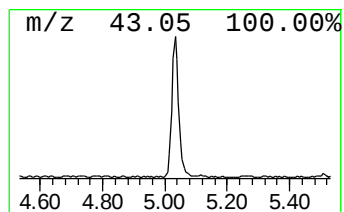
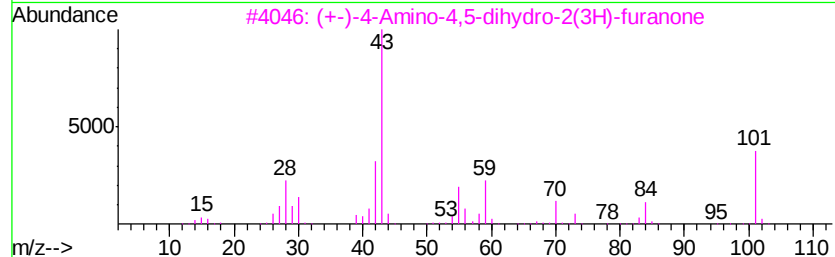
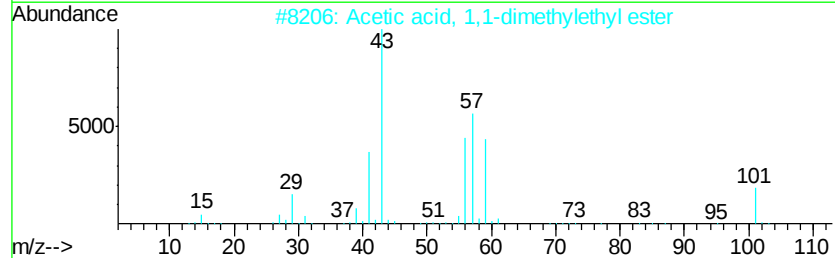
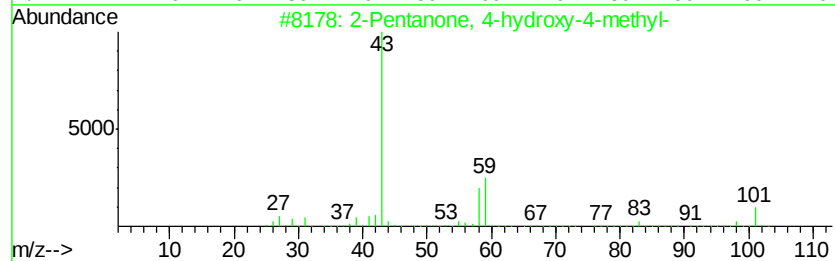
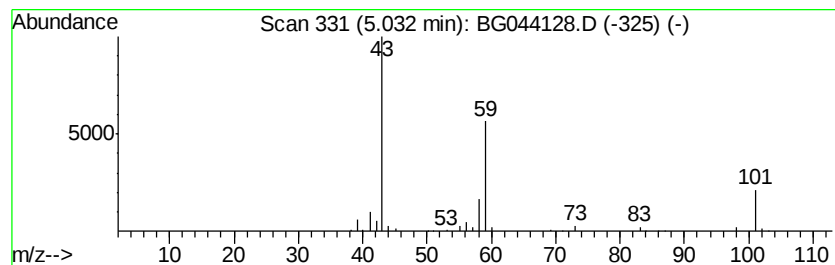
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	6.36 ng	164106	1,4-Dichlorobenzene-d4	7.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23
4			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5			Acetone	58	C3H6O	000067-64-1	10



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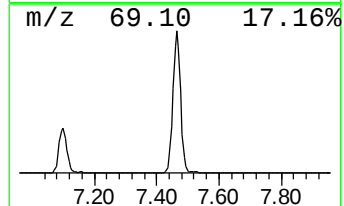
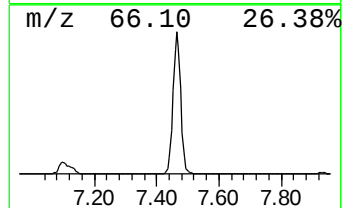
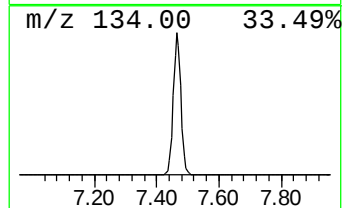
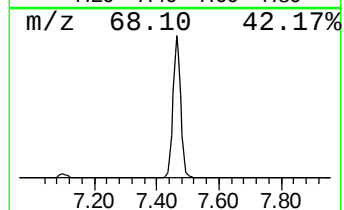
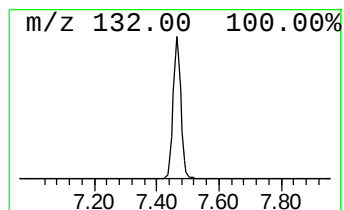
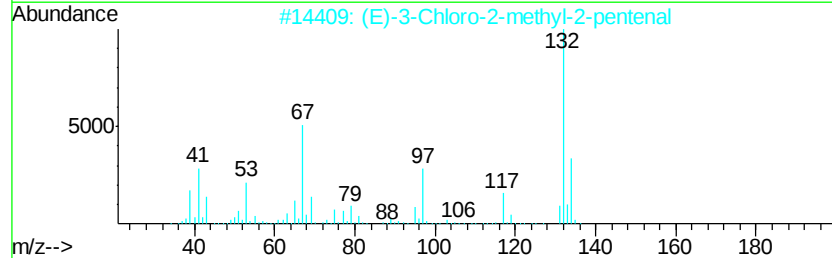
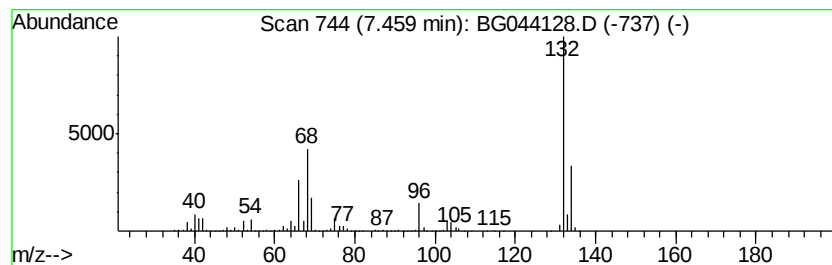
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	100.98 ng	2604080	1,4-Dichlorobenzene-d4	7.93

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		Tranvlcypropine-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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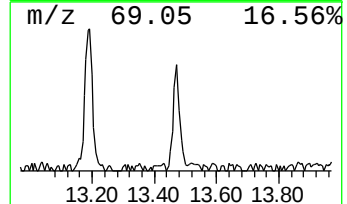
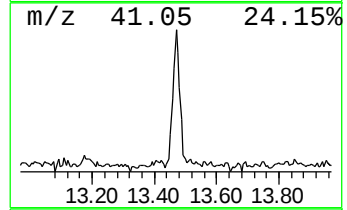
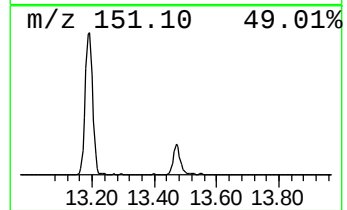
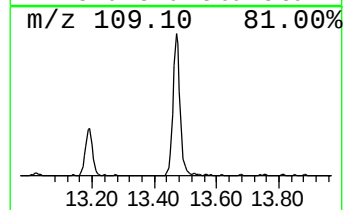
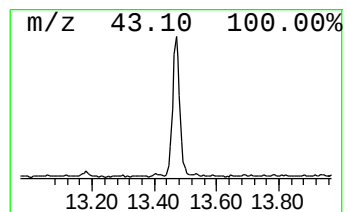
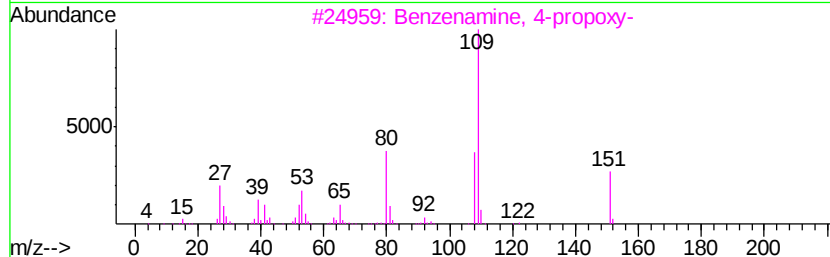
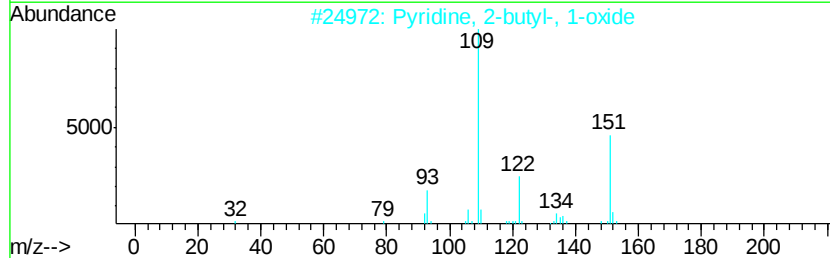
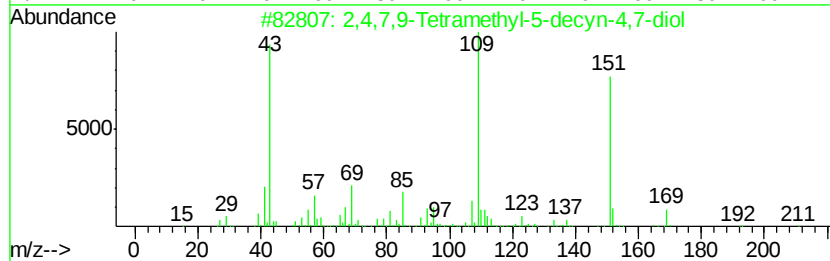
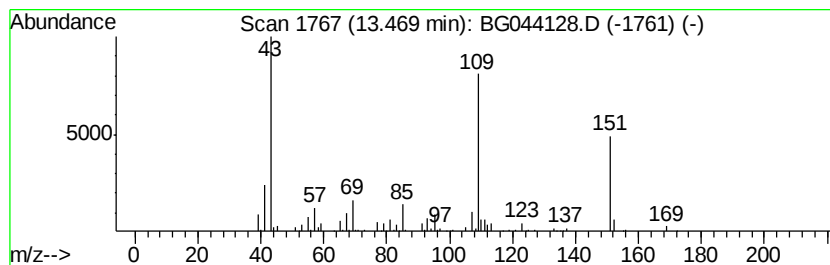
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Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.84 ng	170686	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3		Benzenamine, 4-propoxy-	151	C9H13NO	004469-80-1	59
4		m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
5		Metacetamol	151	C8H9NO2	000621-42-1	59



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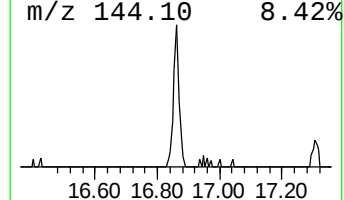
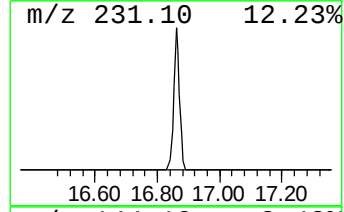
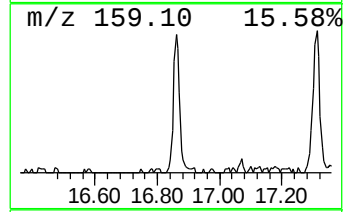
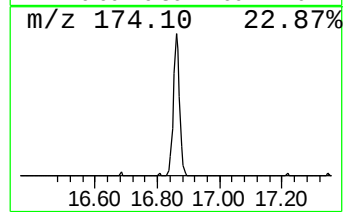
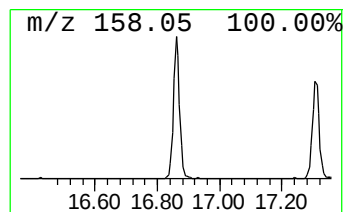
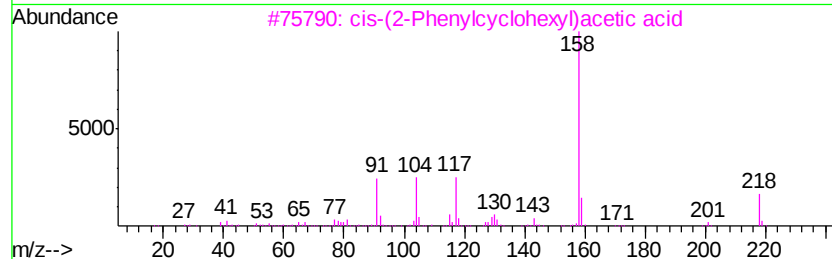
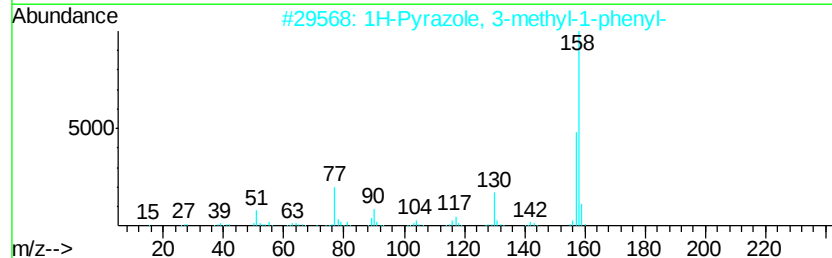
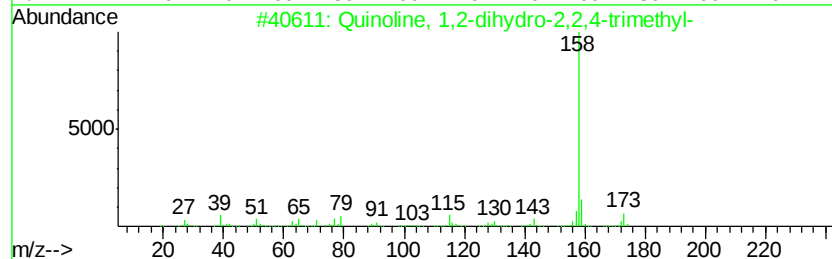
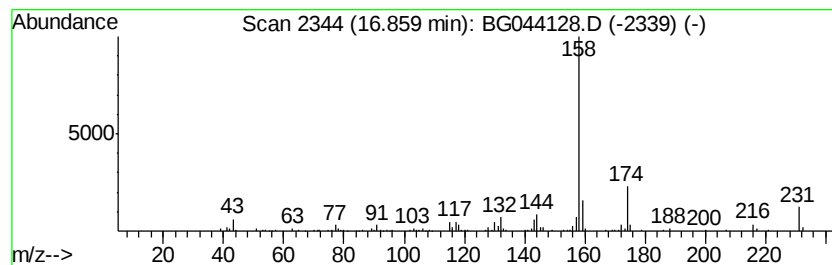
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Quinoline, 1,2-dihydro-2,2,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.86	2.48 ng	160854	Phenanthrene-d10	17.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 1,2-dihydro-2,2,4-tri...	173	C12H15N	000147-47-7	53
2	1H-Pyrazole, 3-methyl-1-phenyl-	158	C10H10N2	001128-54-7	52
3	cis-(2-Phenylcyclohexyl)acetic acid	218	C14H18O2	065226-97-3	50
4	Pyrido[4,3-b]indole, 1,2,3,4,4a,...	387	C19H21N3O4S	1000265-39-7	50
5	1,8-Naphthalenediamine	158	C10H10N2	000479-27-6	50



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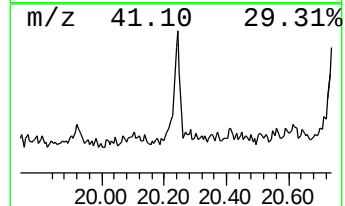
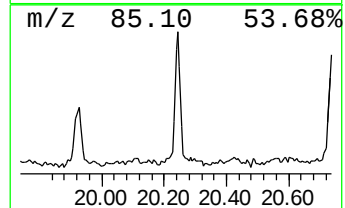
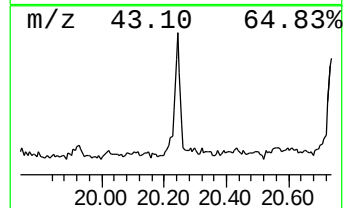
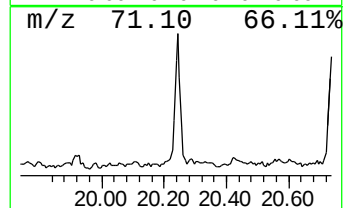
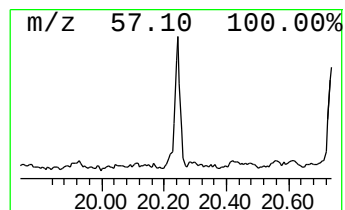
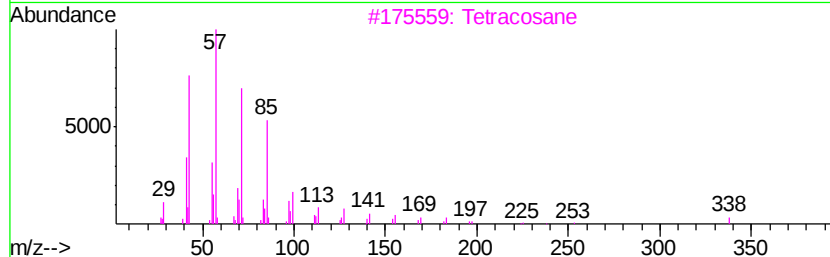
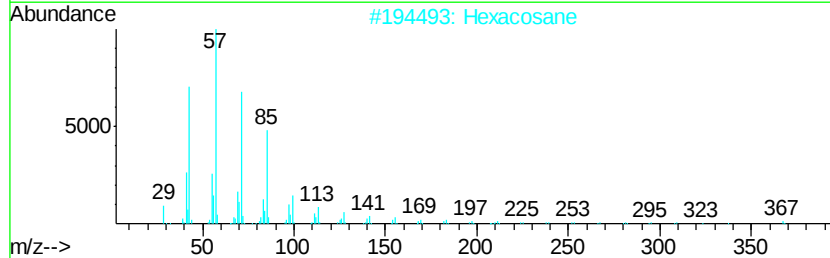
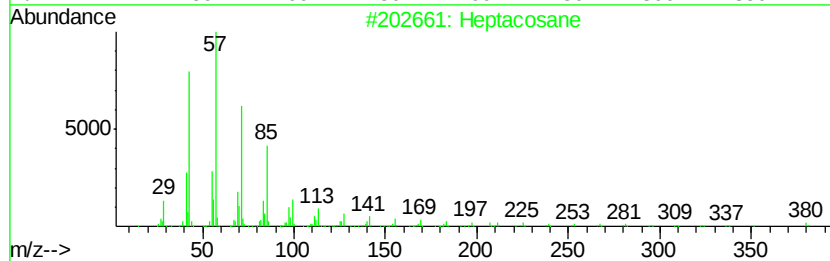
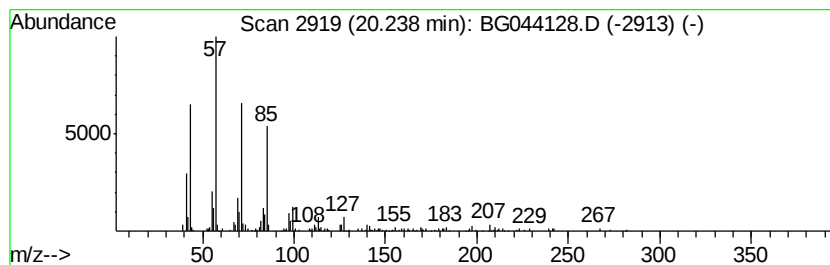
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Peak Number 6 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.25 ng	147641	Chrysene-d12	21.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Hexacosane		366	C26H54	000630-01-3	90
3	Tetracosane		338	C24H50	000646-31-1	90
4	Octacosane		394	C28H58	000630-02-4	90
5	Heneicosane		296	C21H44	000629-94-7	90



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MH-5-(SETTLED)

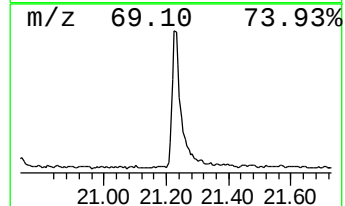
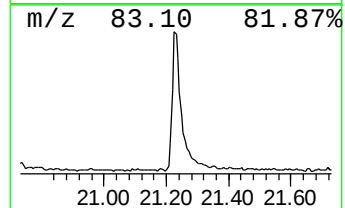
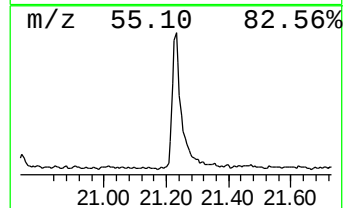
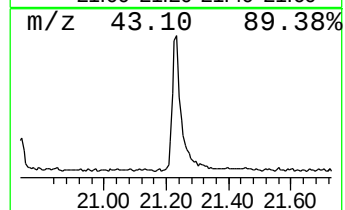
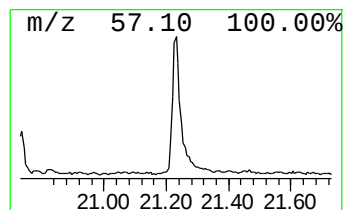
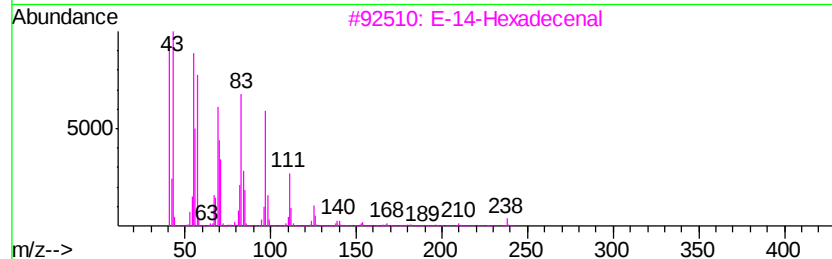
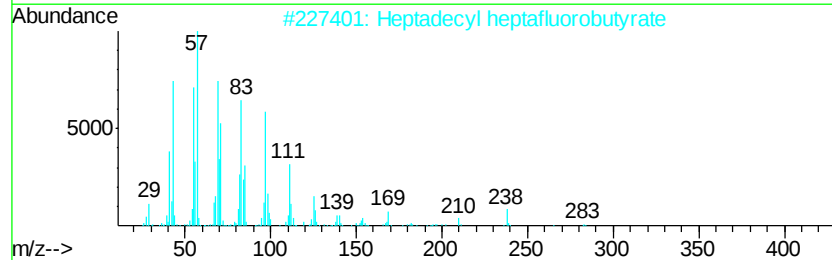
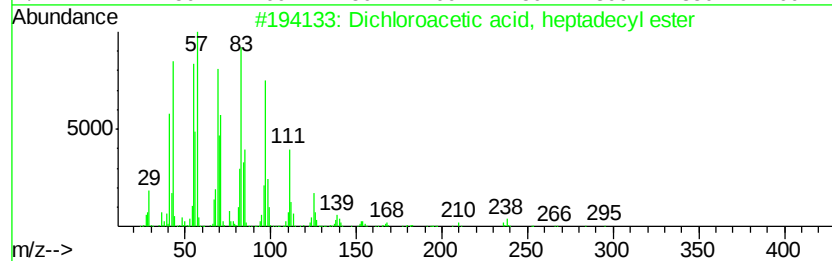
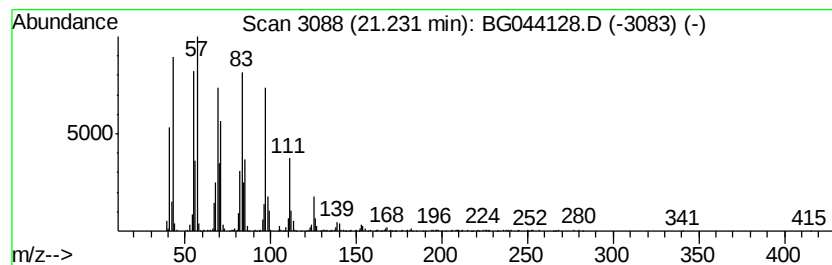
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	15.60 ng	1022620	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		E-14-Hexadecenal	238	C16H30O	330207-53-9	92
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		1-Hexadecanol	242	C16H34O	036653-82-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044128.D
Acq On : 21 Jan 2020 11:28
Operator : JU
Sample : L1162-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

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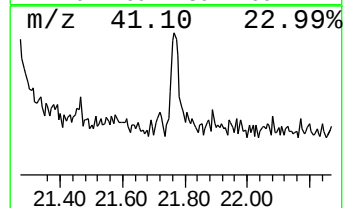
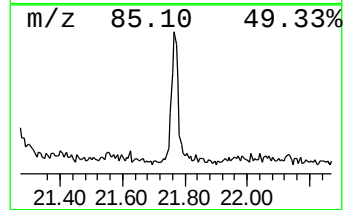
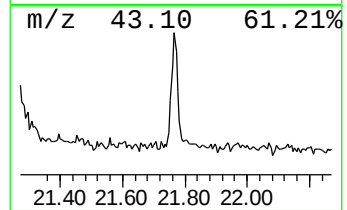
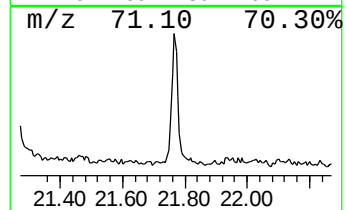
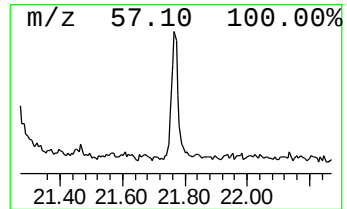
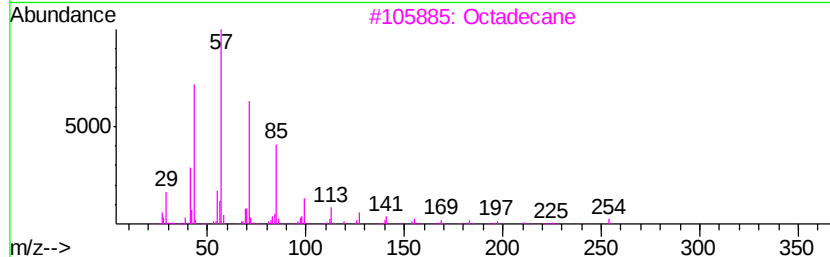
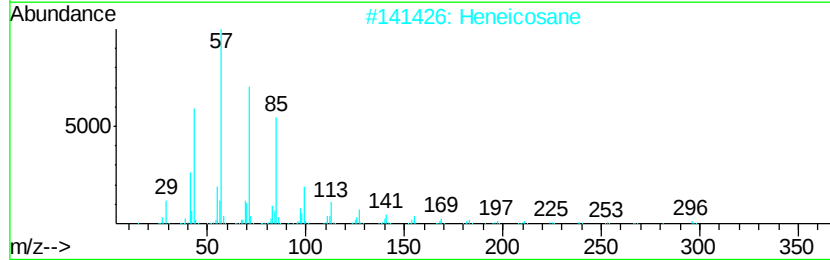
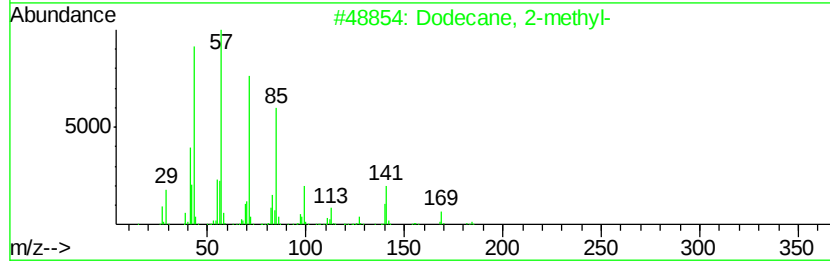
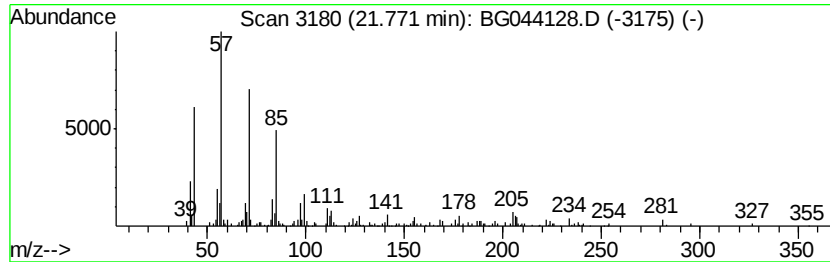
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	2.28 ng	149681	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octadecane	254	C18H38	000593-45-3	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
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Acq On : 21 Jan 2020 11:28
Operator : JU
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Misc :
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ClientSampleId :
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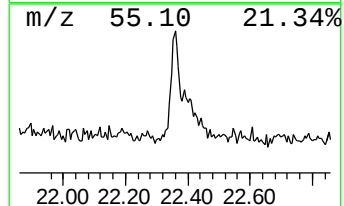
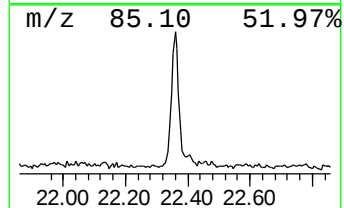
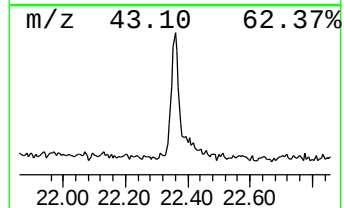
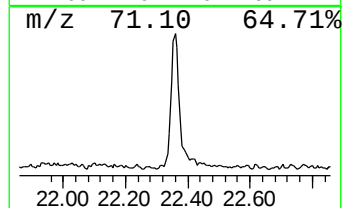
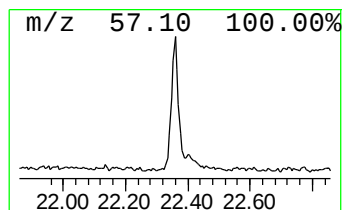
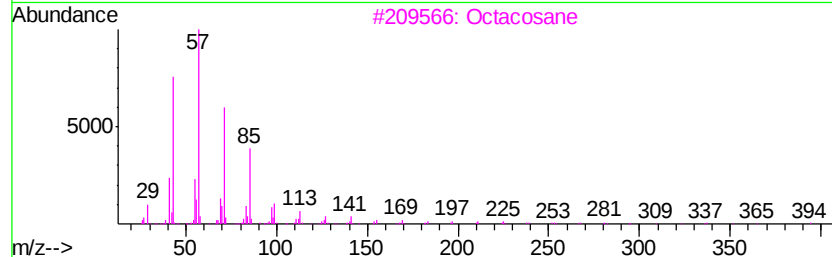
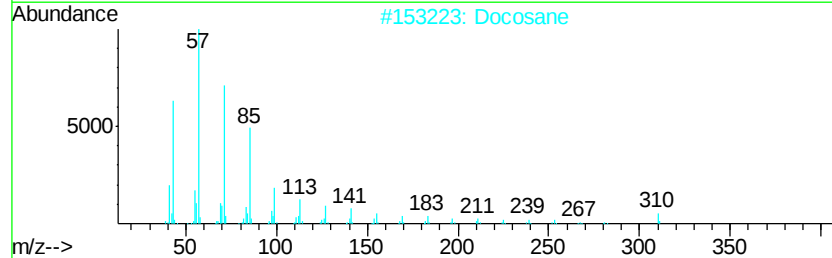
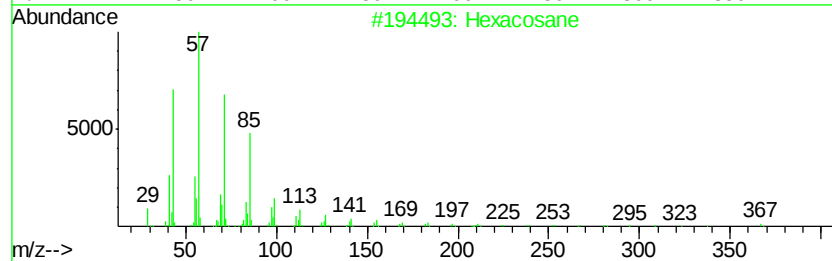
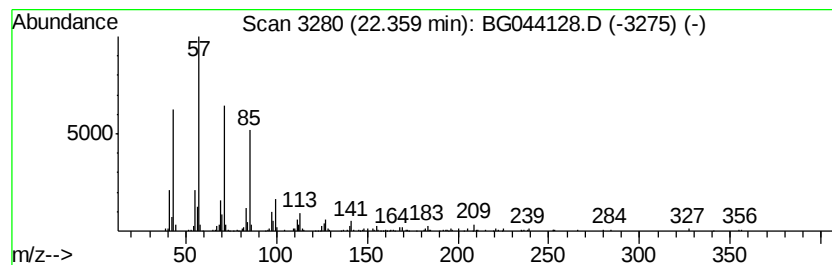
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	3.37 ng	220557	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Docosane	310	C22H46	000629-97-0	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Heptacosane	380	C27H56	000593-49-7	86
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044128.D
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Operator : JU
Sample : L1162-03
Misc :
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ClientSampleId :
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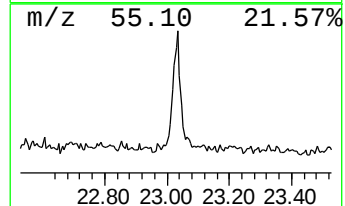
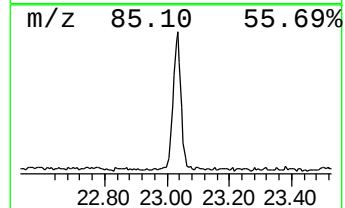
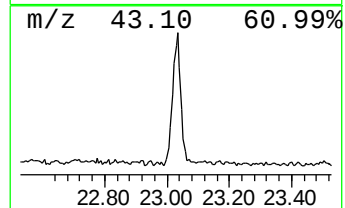
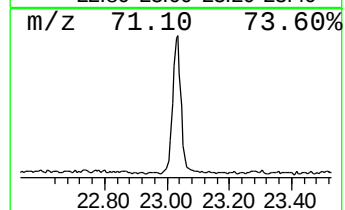
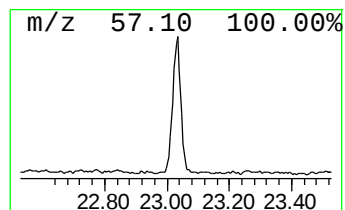
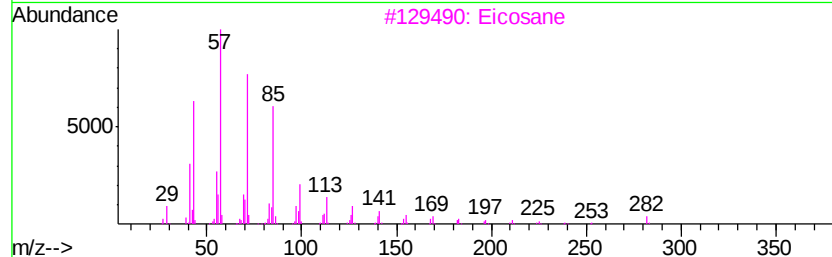
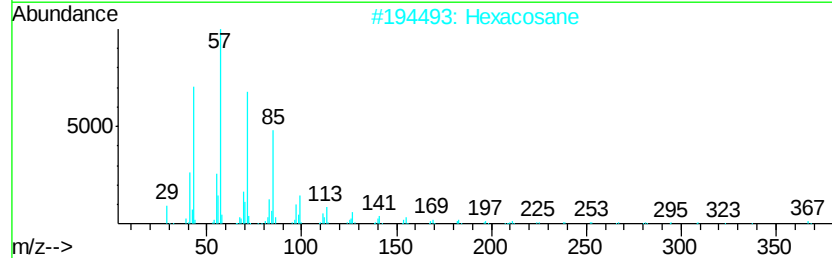
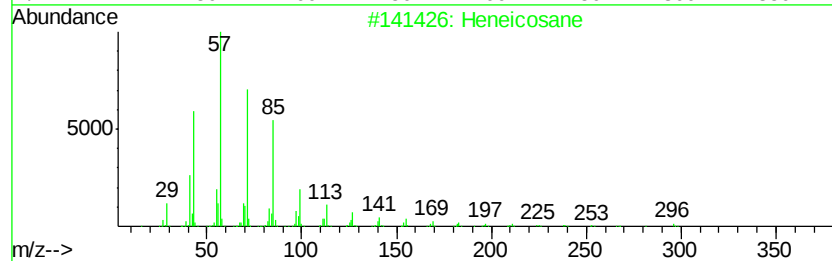
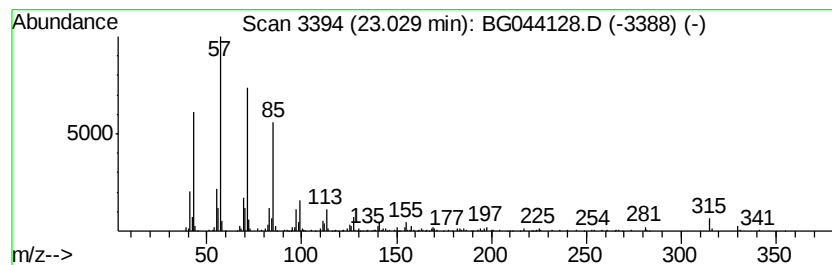
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	5.09 ng	333689	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Eicosane	282	C20H42	000112-95-8	87
4		Octadecane	254	C18H38	000593-45-3	83
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044128.D
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ClientSampleId :
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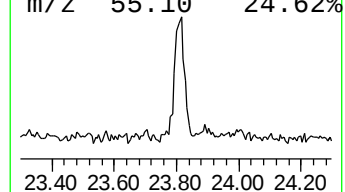
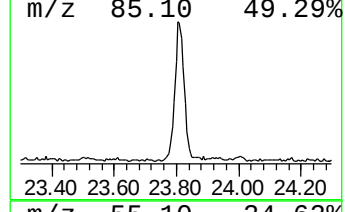
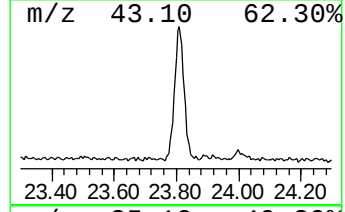
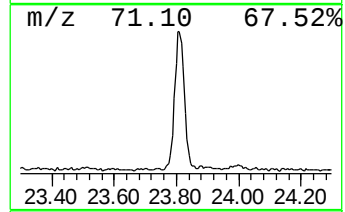
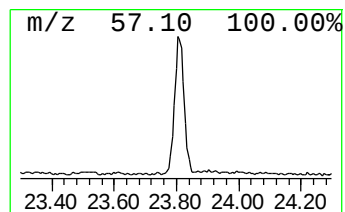
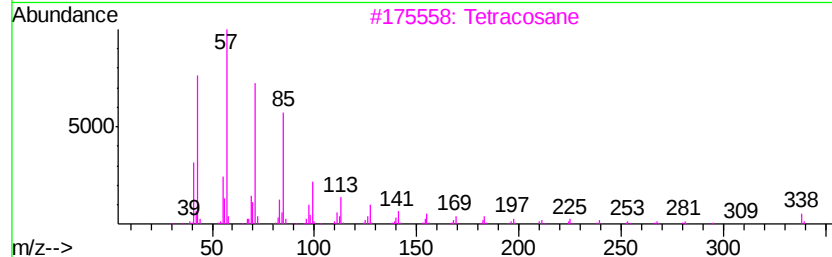
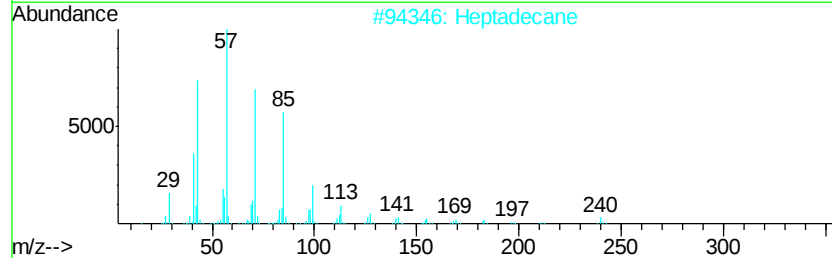
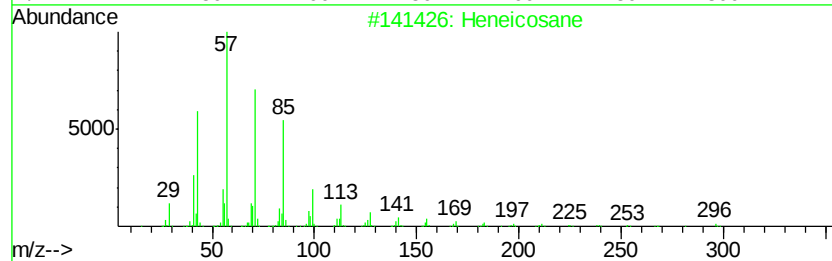
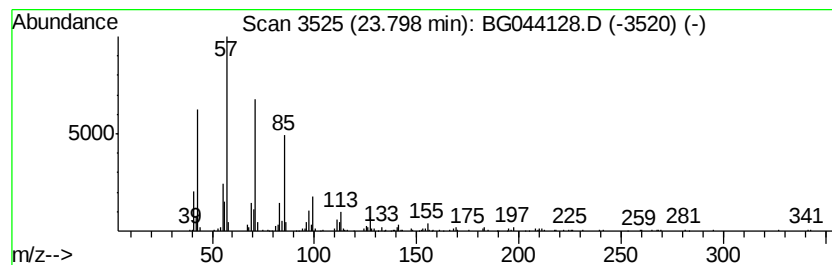
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	5.22 ng	363570	Perylene-d12	24.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044128.D
Acq On : 21 Jan 2020 11:28
Operator : JU
Sample : L1162-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

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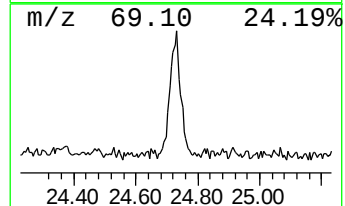
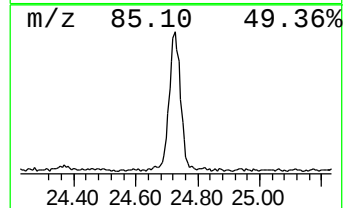
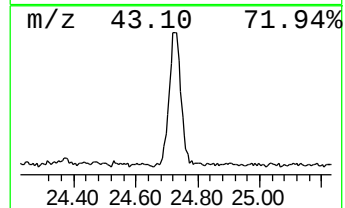
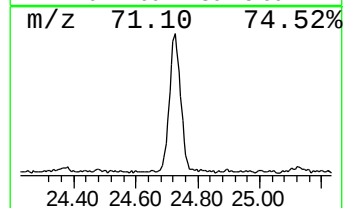
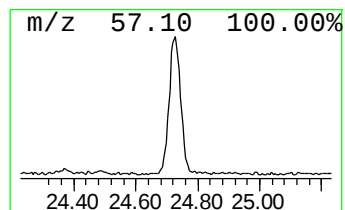
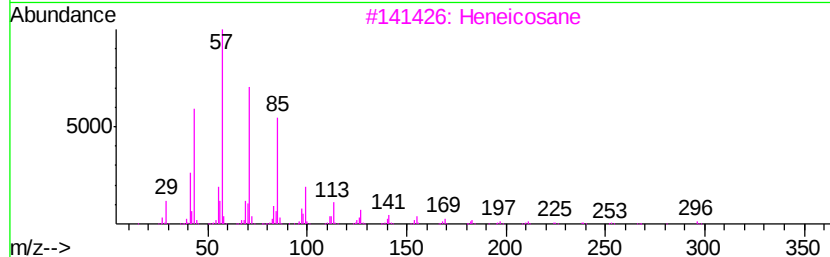
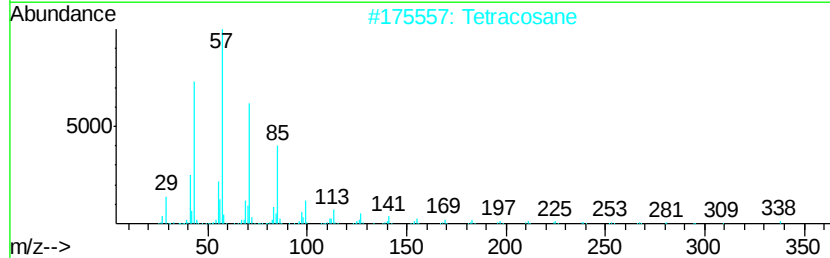
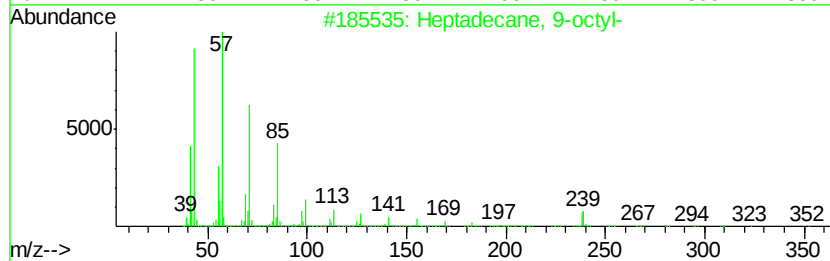
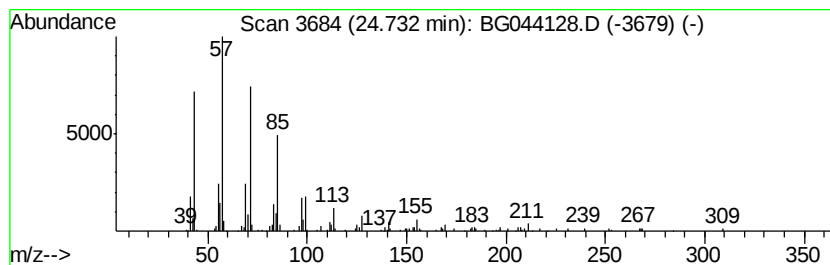
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	5.15 ng	358441	Perylene-d12	24.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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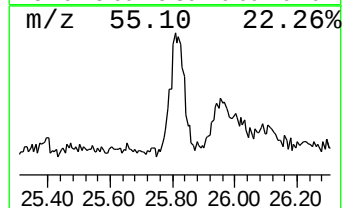
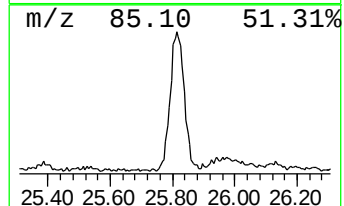
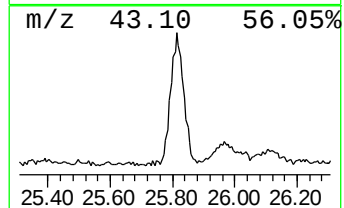
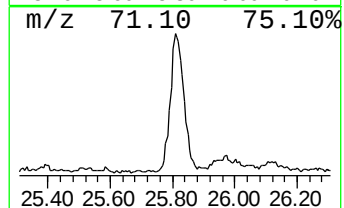
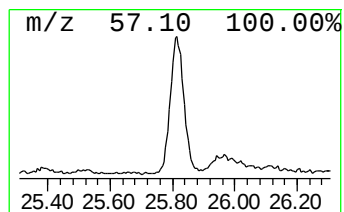
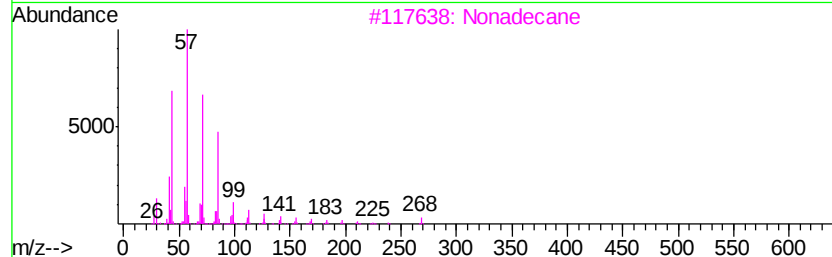
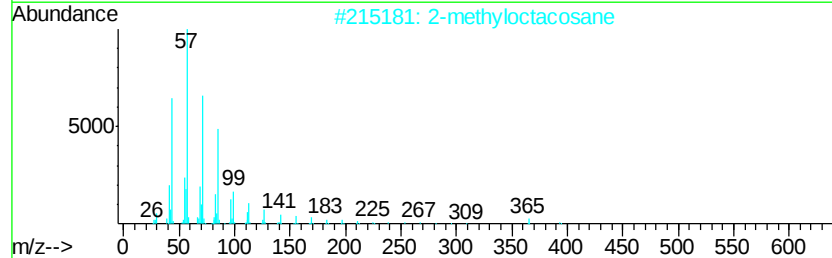
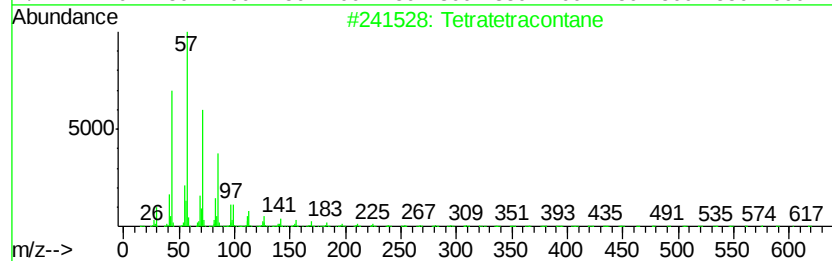
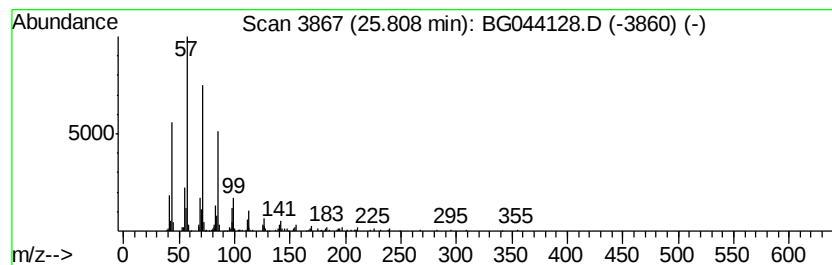
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	4.67 ng	325168	Perylene-d12	24.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			2-methyloctacosane	408	C29H60	1000376-72-8	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Tetracosane	338	C24H50	000646-31-1	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044128.D
 Acq On : 21 Jan 2020 11:28
 Operator : JU
 Sample : L1162-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5-(SETTLED)

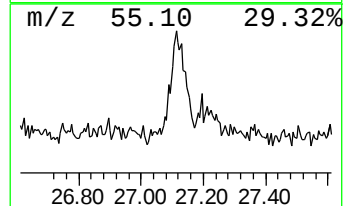
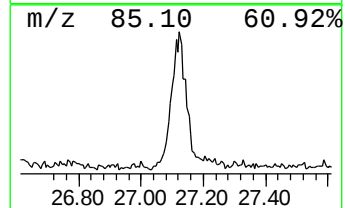
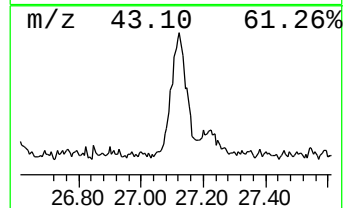
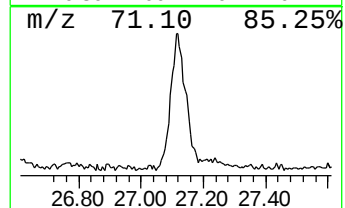
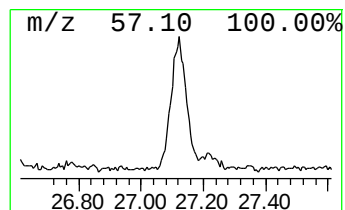
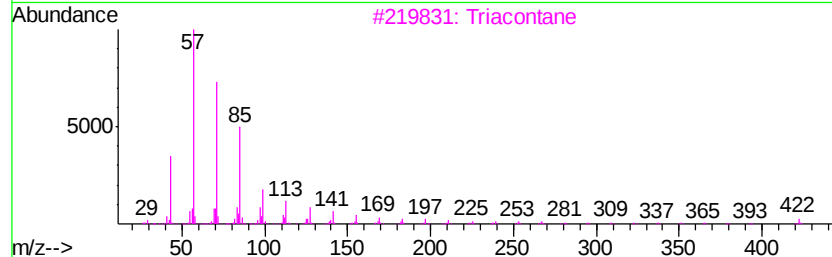
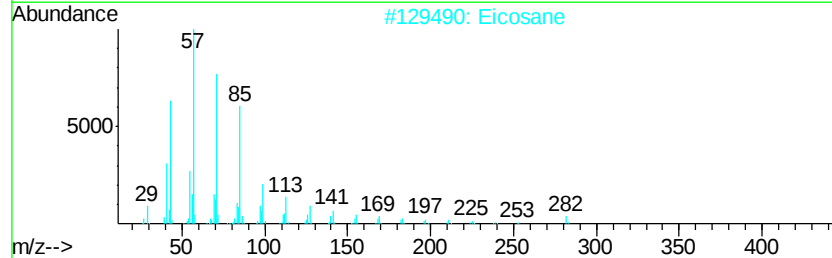
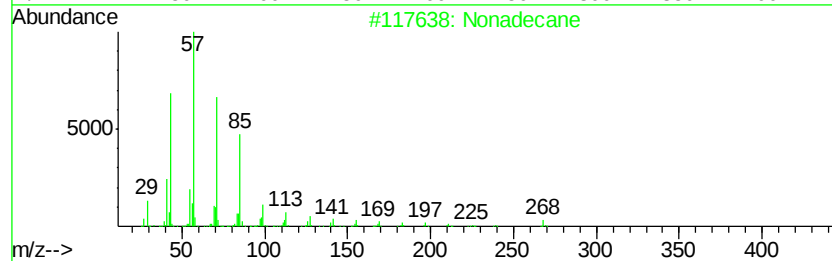
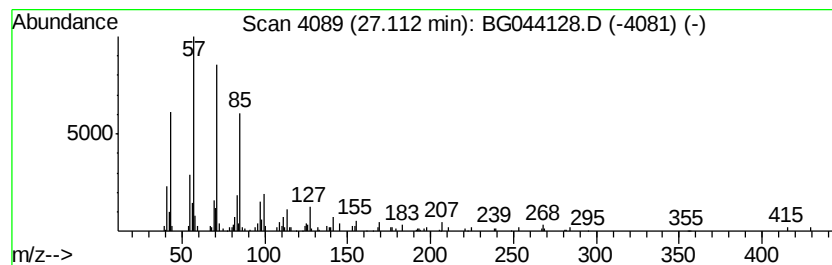
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.11	2.73 ng	190359	Perylene-d12	24.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Pentacosane	352	C25H52	000629-99-2	91



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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5-(SETTLED)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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
2-Pentanone, 4-hy...	5.03	6.4	ng	164106	1	7.93	515750	20.0
unknown7.46	7.46	101.0	ng	2604080	1	7.93	515750	20.0
2,4,7,9-Tetrameth...	13.47	2.8	ng	170686	3	14.57	1202740	20.0
Quinoline, 1,2-di...	16.86	2.5	ng	160854	4	17.31	1294950	20.0
Heptacosane	20.24	2.3	ng	147641	5	21.55	1310870	20.0
Dichloroacetic ac...	21.23	15.6	ng	1022620	5	21.55	1310870	20.0
Dodecane, 2-methyl-	21.77	2.3	ng	149681	5	21.55	1310870	20.0
Hexacosane	22.36	3.4	ng	220557	5	21.55	1310870	20.0
Heneicosane	23.03	5.1	ng	333689	5	21.55	1310870	20.0
Tetracosane	23.80	5.2	ng	363570	6	24.66	1392320	20.0
Heptadecane, 9-oc...	24.73	5.2	ng	358441	6	24.66	1392320	20.0
Tetratetracontane	25.81	4.7	ng	325168	6	24.66	1392320	20.0
Nonadecane	27.11	2.7	ng	190359	6	24.66	1392320	20.0