

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101517\
 Data File : BF099515.D
 Acq On : 15 Oct 2017 15:54
 Operator : SJ/JU
 Sample : I5752-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-119-3(0-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	4.457	400	403	414	rBV	45340	64577	2.60%	0.290%
2	4.569	418	422	430	rVV	231091	255494	10.29%	1.147%
3	5.069	504	507	525	rBV	410506	546341	22.00%	2.452%
4	5.469	571	575	601	rBV	2080842	2234283	89.98%	10.028%
5	6.486	743	748	763	rBV	2043128	2422101	97.54%	10.871%
6	6.616	766	770	773	rBV	2526368	2342868	94.35%	10.515%
7	6.845	805	809	816	rBV	696686	598924	24.12%	2.688%
8	6.998	831	835	839	rBV	2091556	1909411	76.90%	8.570%
9	7.410	900	905	908	rBV	1563224	1459385	58.77%	6.550%
10	8.128	1023	1027	1030	rBV	868601	788151	31.74%	3.537%
11	8.680	1118	1121	1132	rBV	194390	149147	6.01%	0.669%
12	9.198	1205	1209	1212	rBV	2792238	2483083	100.00%	11.144%
13	9.592	1273	1276	1284	rVB	442458	333502	13.43%	1.497%
14	9.880	1321	1325	1329	rBV	922232	778434	31.35%	3.494%
15	10.592	1442	1446	1449	rBV	632202	479422	19.31%	2.152%
16	10.669	1455	1459	1469	rBV	1061270	952619	38.36%	4.275%
17	11.368	1574	1578	1580	rBV	745742	603526	24.31%	2.709%
18	11.392	1580	1582	1586	rVB	85964	66208	2.67%	0.297%
19	12.580	1781	1784	1789	rBV	143484	120631	4.86%	0.541%
20	12.810	1817	1823	1827	rBV	130232	142700	5.75%	0.640%
21	12.951	1843	1847	1850	rBV	1712475	1492785	60.12%	6.700%
22	13.833	1992	1997	2001	rBV3	88526	108337	4.36%	0.486%
23	14.009	2022	2027	2030	rBV2	608110	615308	24.78%	2.762%
24	14.039	2030	2032	2038	rVB	74538	65621	2.64%	0.295%
25	14.833	2165	2167	2174	rVB2	26937	29815	1.20%	0.134%
26	15.057	2201	2205	2208	rBV	73374	111233	4.48%	0.499%
27	15.356	2252	2256	2263	rVB	45982	59794	2.41%	0.268%
28	15.421	2263	2267	2271	rBV	67194	78299	3.15%	0.351%
29	15.480	2272	2277	2282	rBV	440548	593023	23.88%	2.662%
30	15.898	2343	2348	2355	rBV	37808	66383	2.67%	0.298%
31	16.398	2427	2433	2437	rBV	45485	78635	3.17%	0.353%
32	16.980	2525	2532	2540	rVB5	52558	122039	4.91%	0.548%
33	17.415	2602	2606	2614	rVB2	22561	48784	1.96%	0.219%
34	17.674	2644	2650	2658	rBV6	33464	80161	3.23%	0.360%

LSC Area Percent Report

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ClientSampleId :
ENV-119-3(0-5)

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

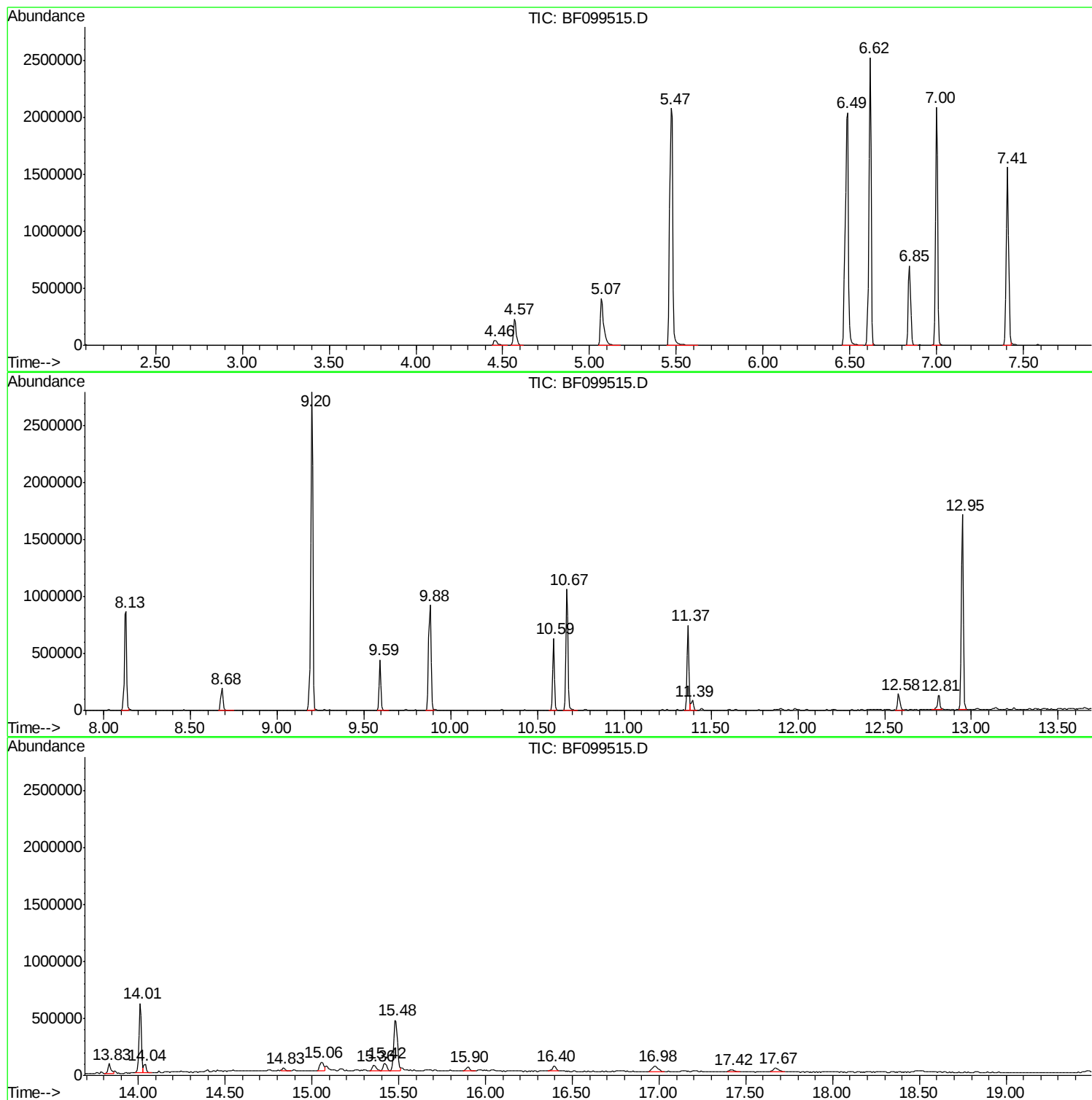
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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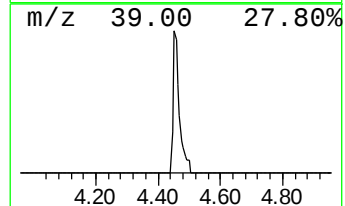
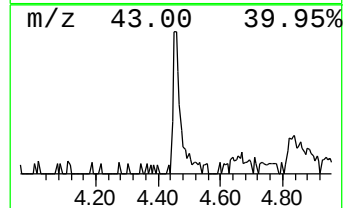
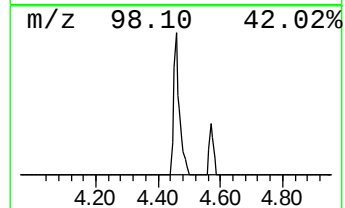
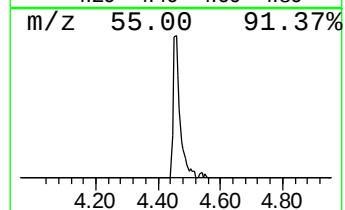
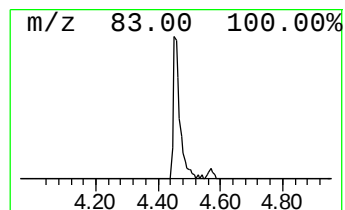
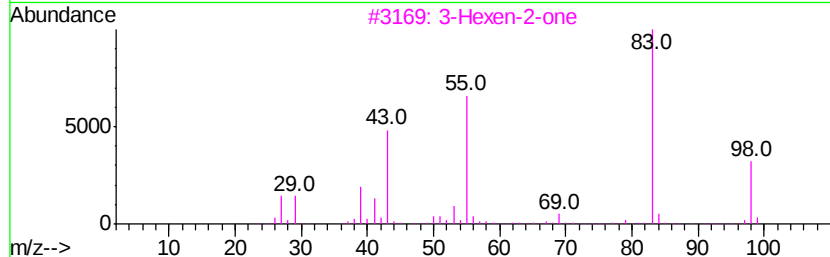
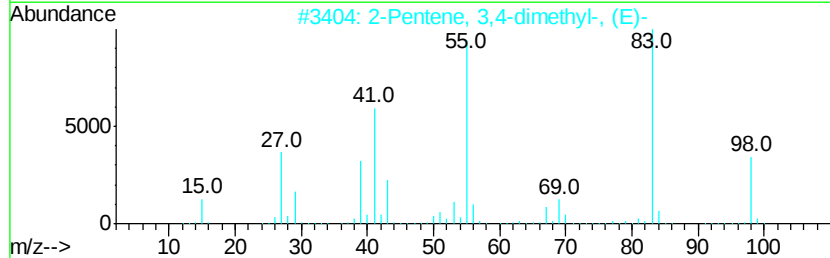
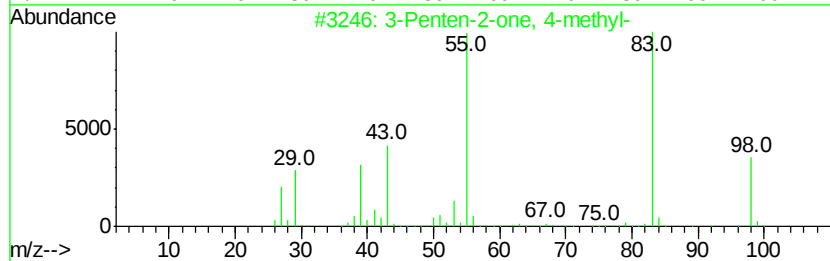
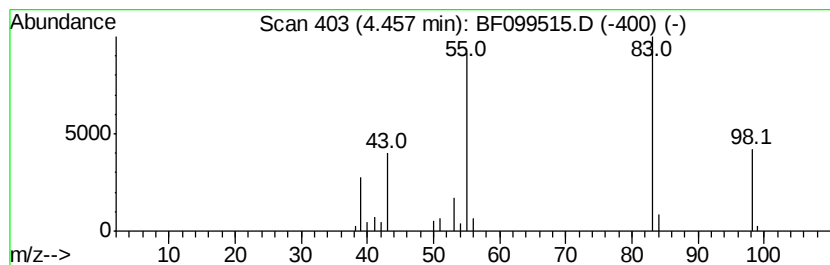
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	2.16 ng	64577	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3			3-Hexen-2-one	98	C6H10O	000763-93-9	83
4			2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	80
5			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80



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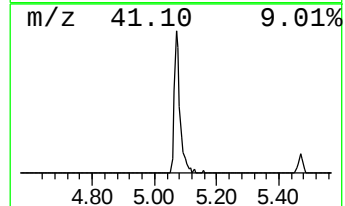
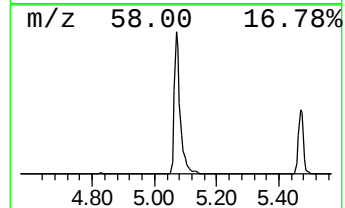
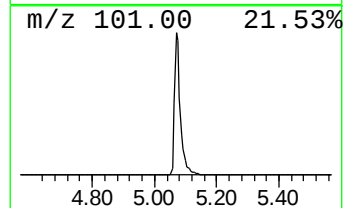
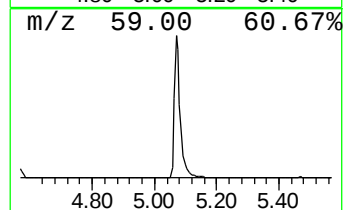
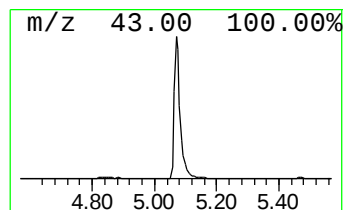
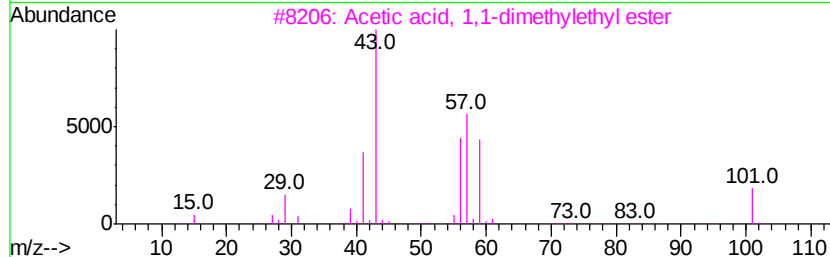
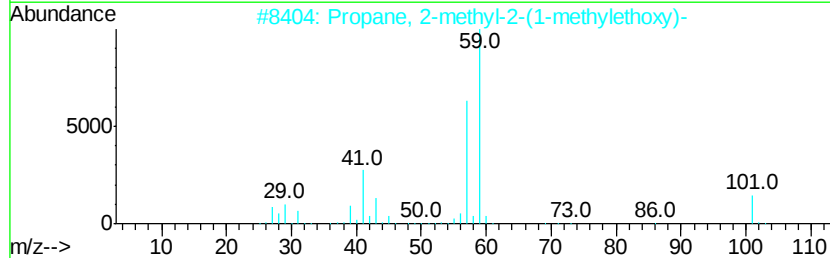
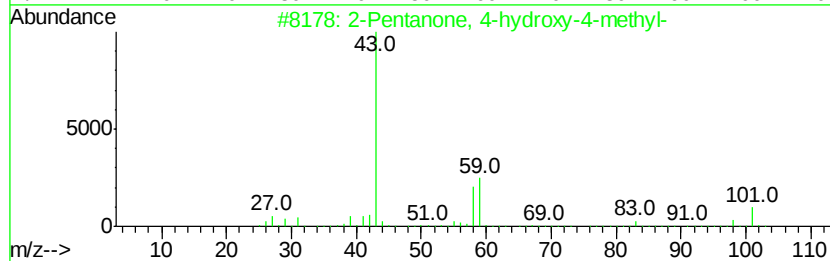
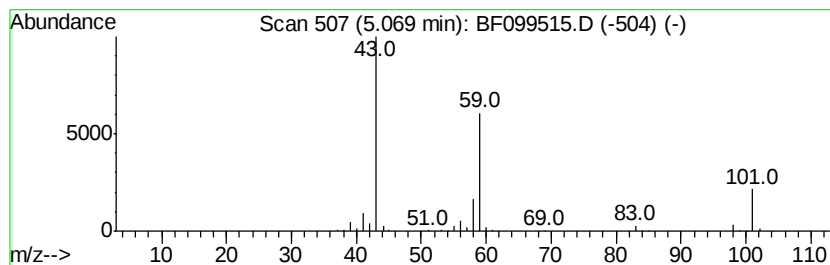
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	18.24 ng	546341	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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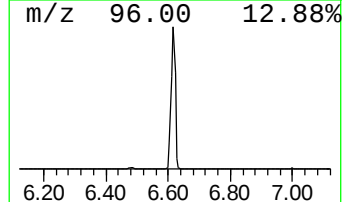
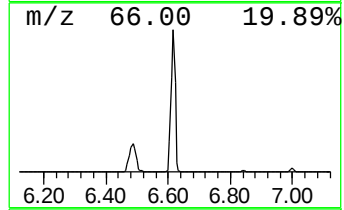
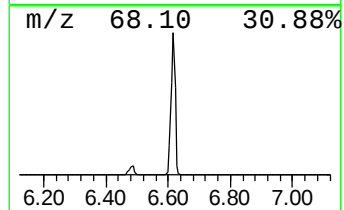
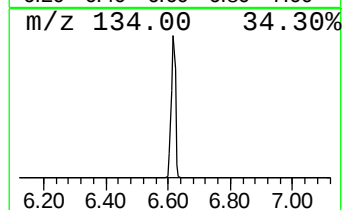
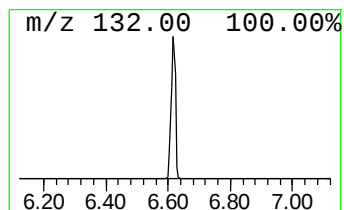
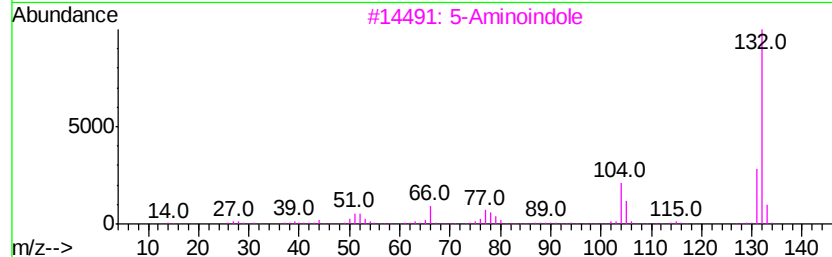
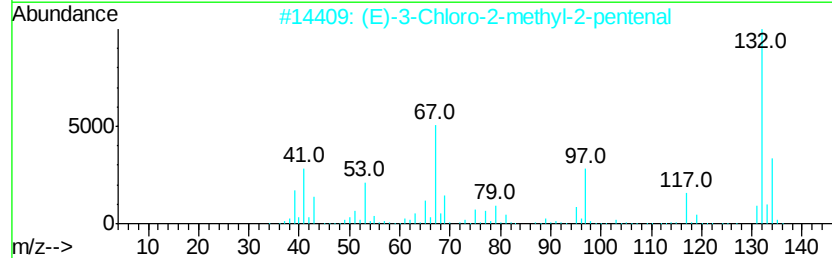
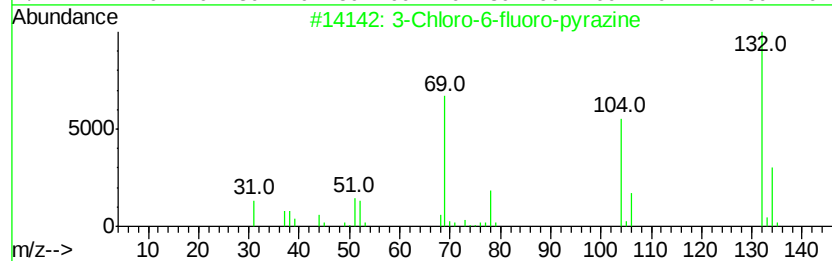
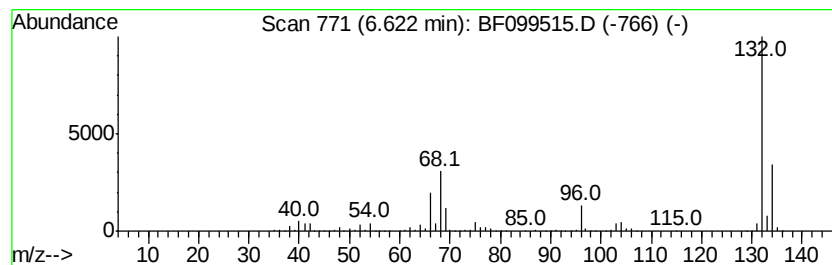
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	78.24 ng	2342870	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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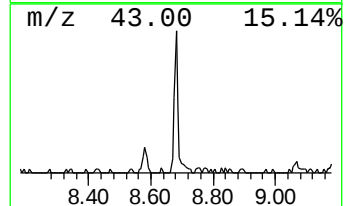
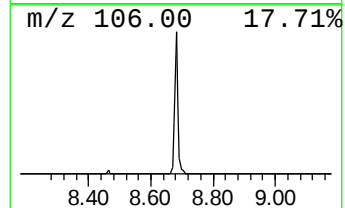
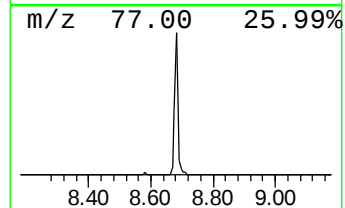
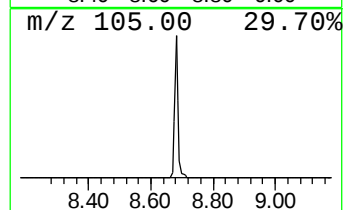
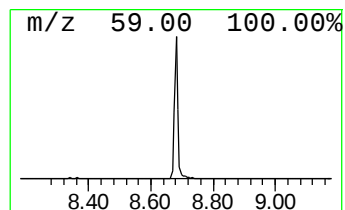
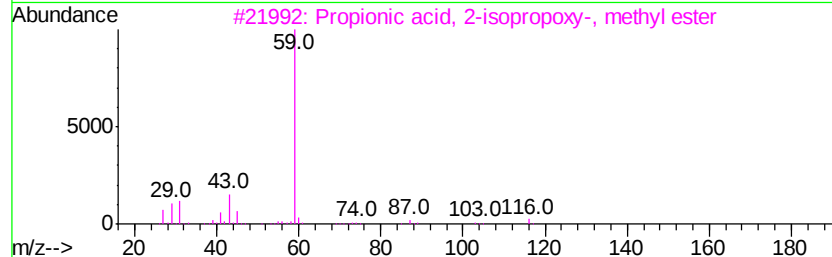
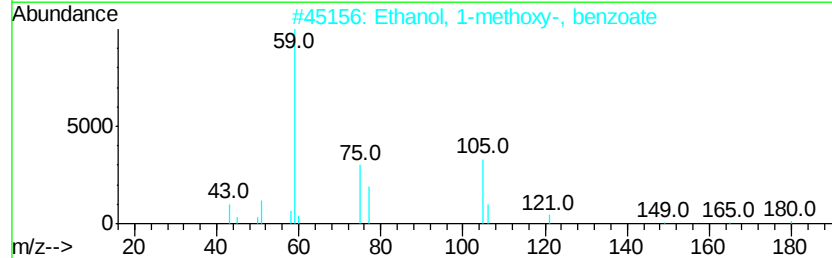
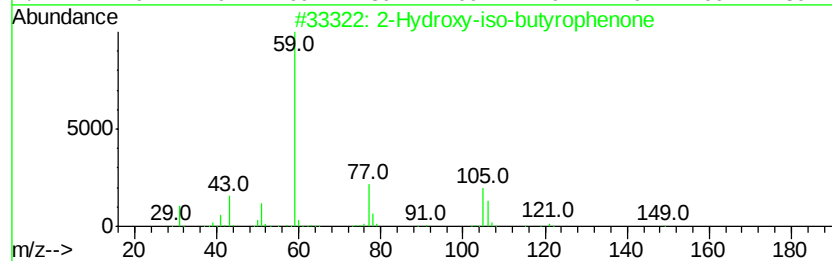
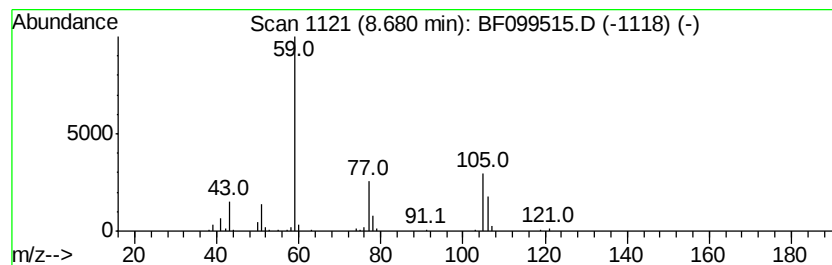
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Hydroxy-iso-butyrophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	3.78 ng	149147	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2		Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	50
3		Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	9
4		Formamide, N-methyl-	59	C2H5NO	000123-39-7	7
5		Guanidine	59	CH5N3	000113-00-8	7



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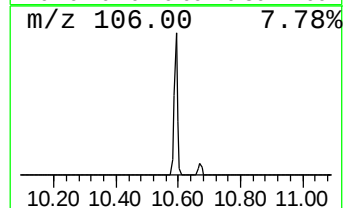
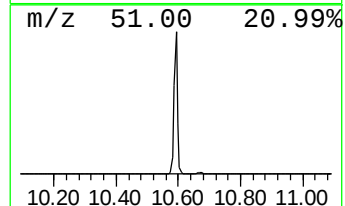
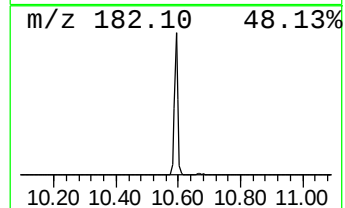
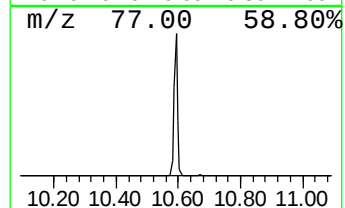
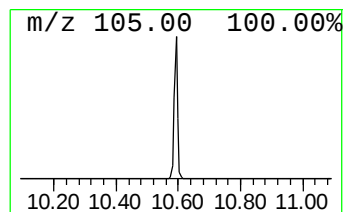
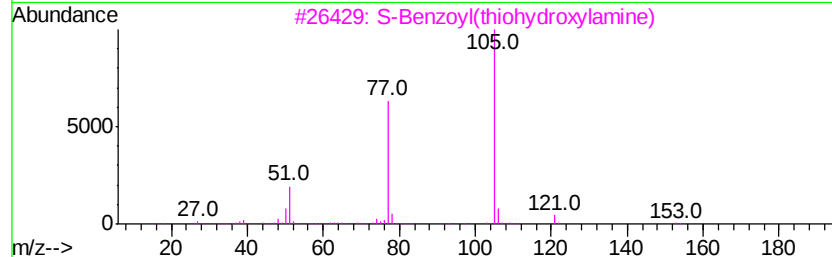
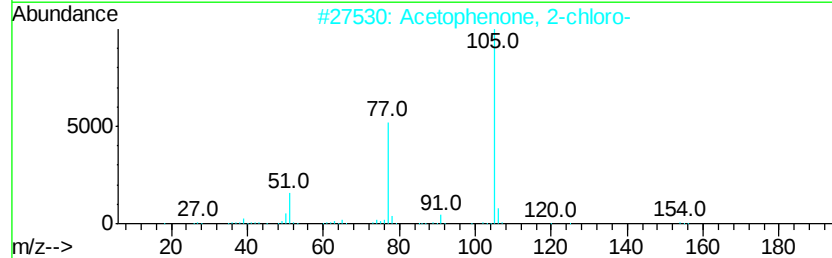
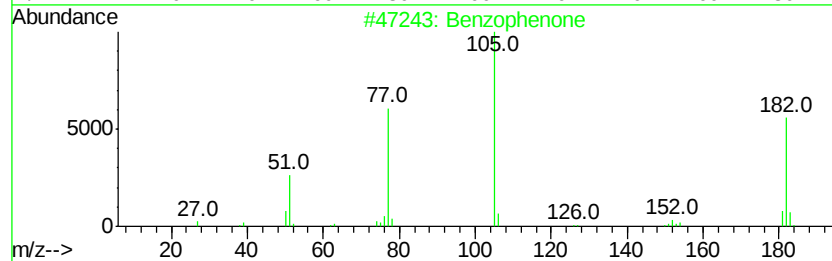
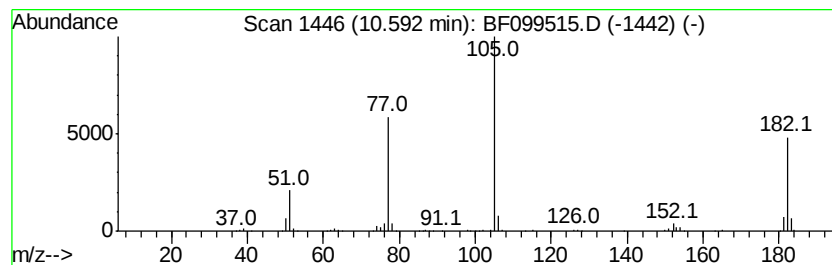
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Peak Number 7 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	12.32 ng	479422	Acenaphthene-d10	9.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzophenone	182 C13H10O	000119-61-9 96
2		Acetophenone, 2-chloro-	154 C8H7ClO	000532-27-4 49
3		S-Benzoyl(thiohydroxylamine)	153 C7H7NOS	025740-80-1 47
4		1-Propanone, 3-chloro-1-phenyl-	168 C9H9ClO	000936-59-4 47
5		N-Methoxy-N-methylbenzamide	165 C9H11NO2	006919-61-5 47



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Sample : I5752-05
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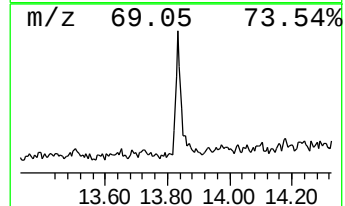
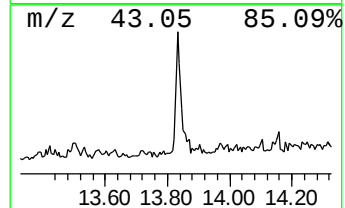
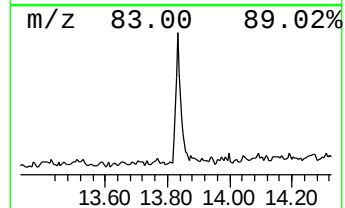
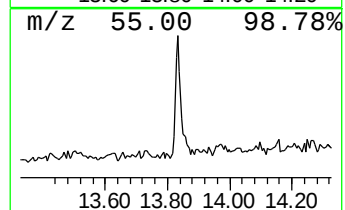
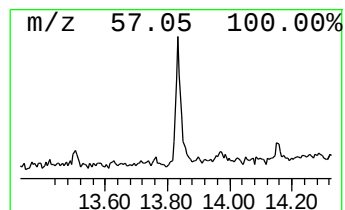
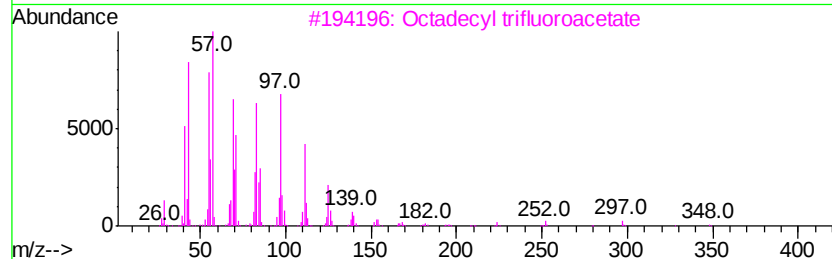
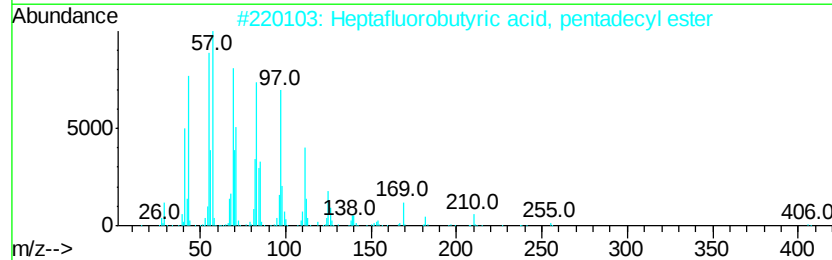
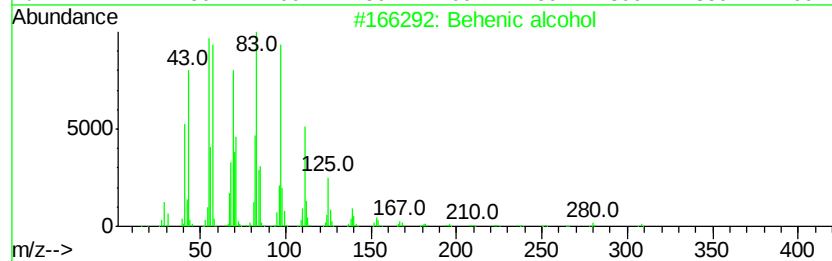
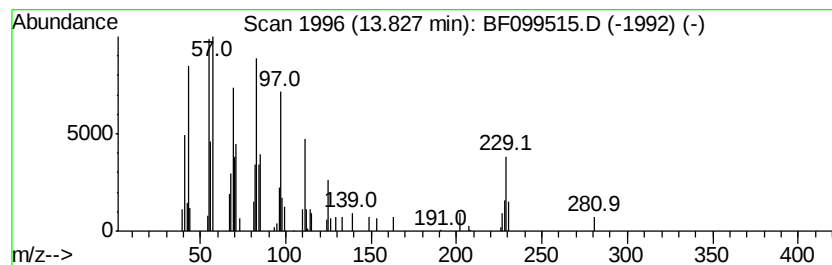
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Behenic alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.83	3.52 ng	108337	Chrysene-d12	14.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	93
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	92



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
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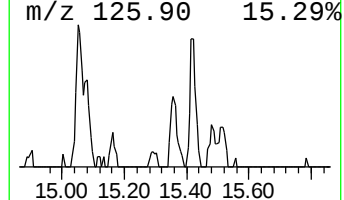
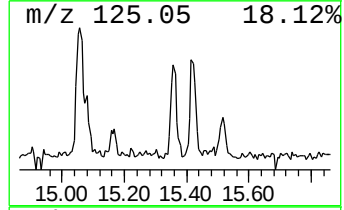
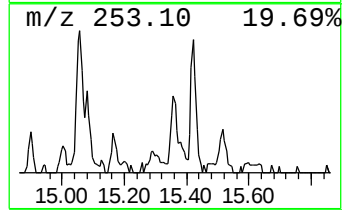
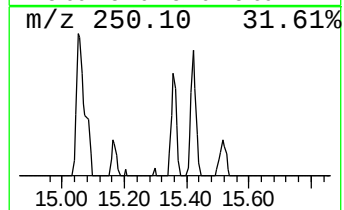
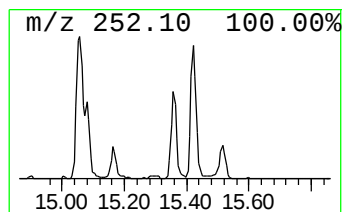
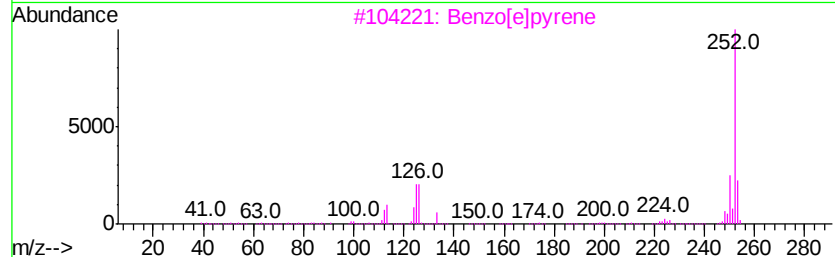
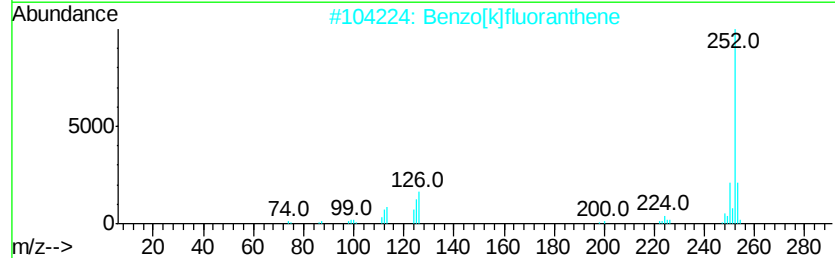
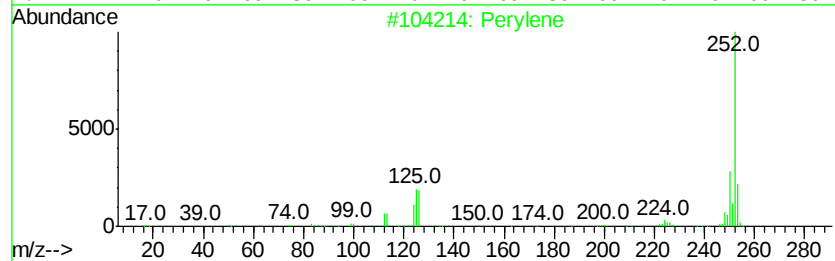
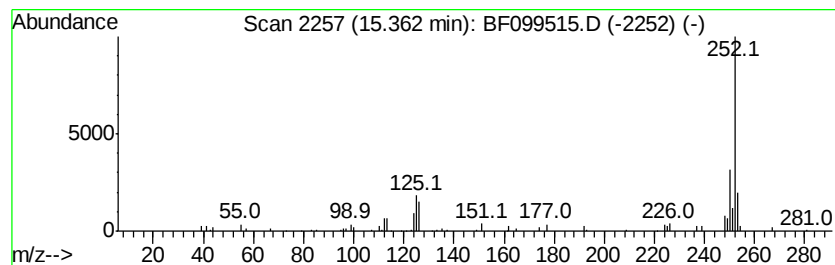
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Perylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.02 ng	59794	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Perylene	252 C20H12	000198-55-0	96
2	Benzo[k]fluoranthene	252 C20H12	000207-08-9	96
3	Benzo[e]pyrene	252 C20H12	000192-97-2	89
4	Benzo[e]acephenanthrylene	252 C20H12	000205-99-2	87
5	Benzo[a]pyrene	252 C20H12	000050-32-8	81



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099515.D
Acq On : 15 Oct 2017 15:54
Operator : SJ/JU
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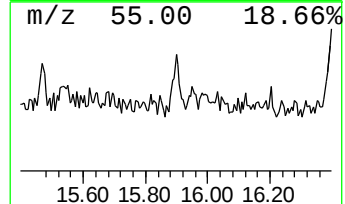
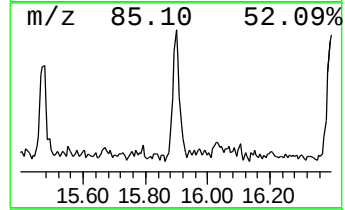
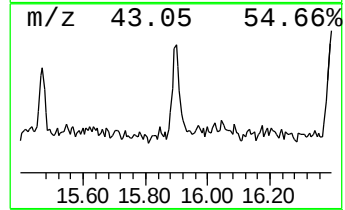
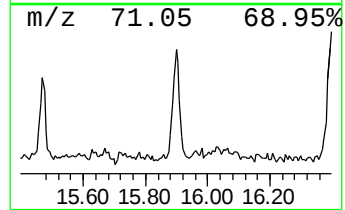
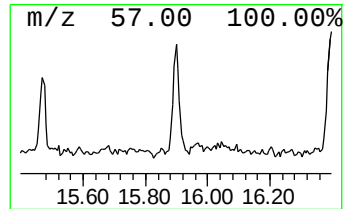
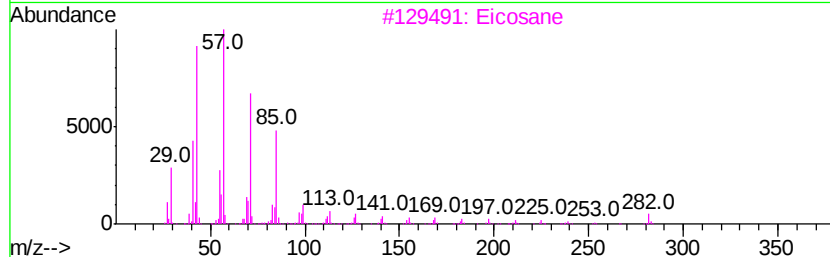
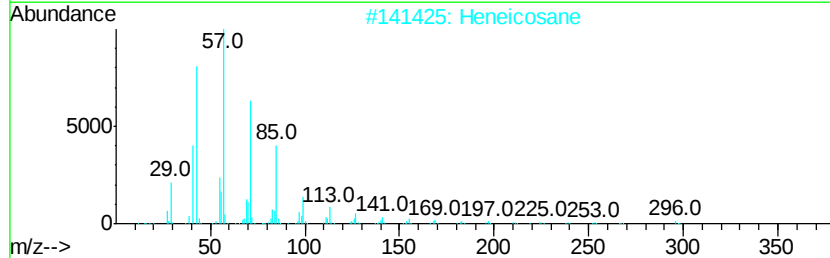
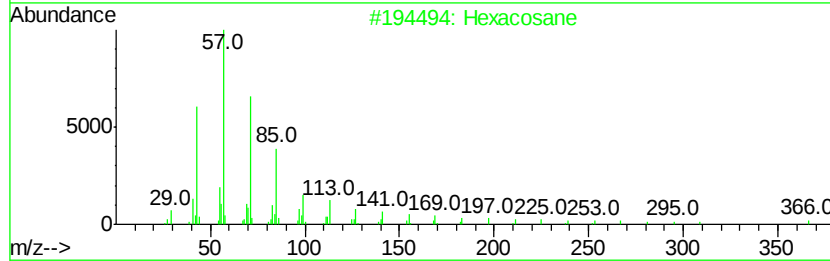
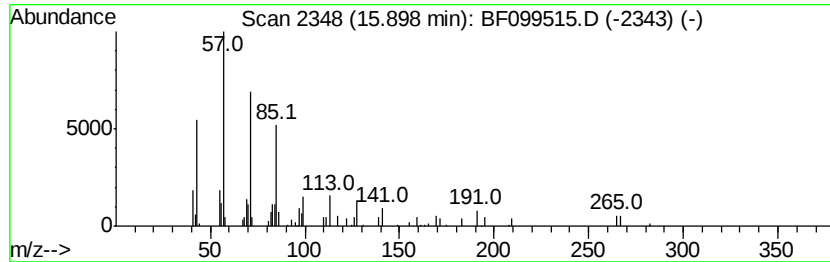
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.24 ng	66383	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	Eicosane		282	C20H42	000112-95-8	90
4	Octadecane		254	C18H38	000593-45-3	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099515.D
Acq On : 15 Oct 2017 15:54
Operator : SJ/JU
Sample : I5752-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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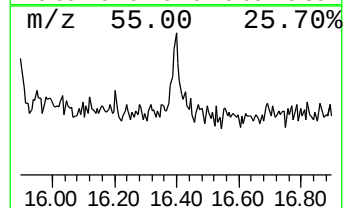
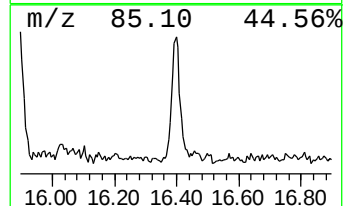
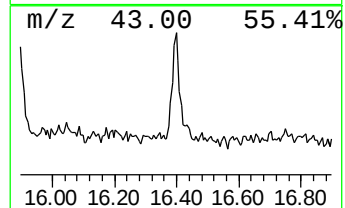
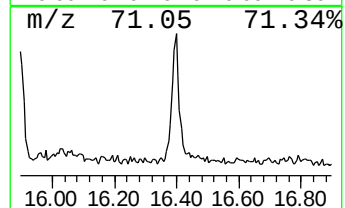
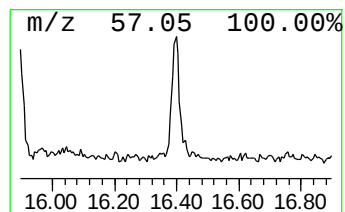
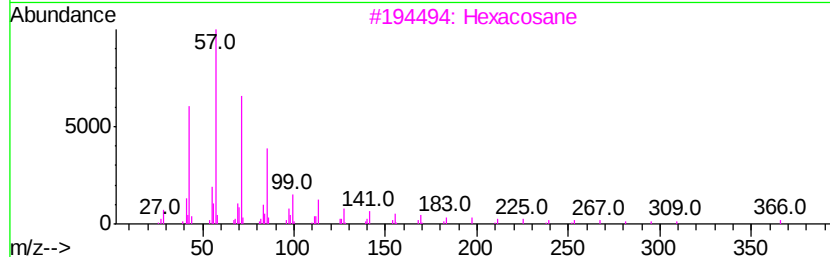
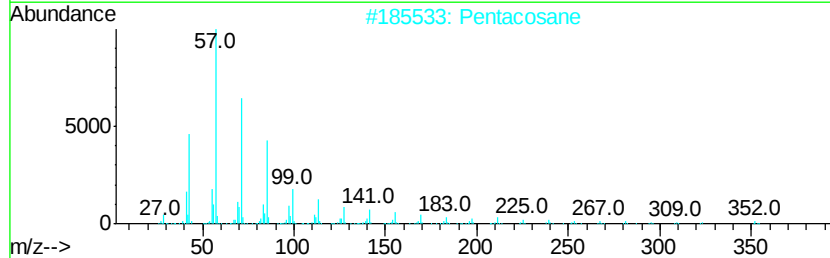
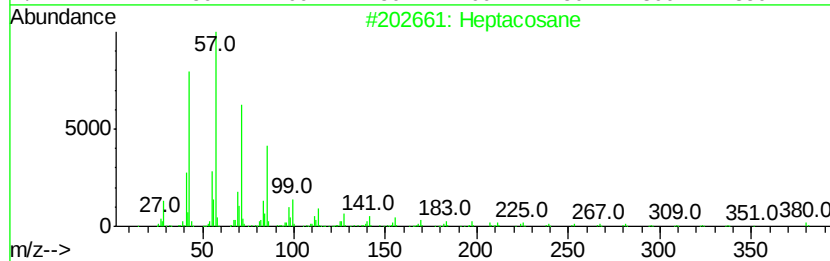
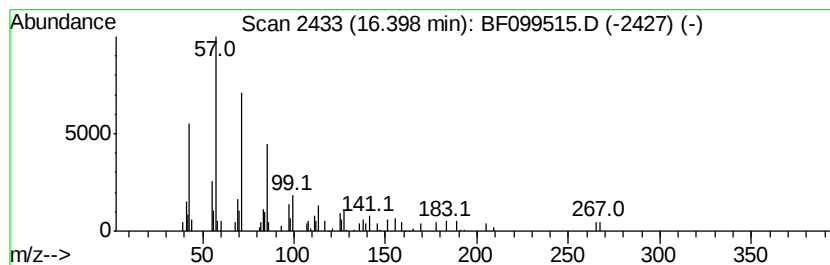
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.65 ng	78635	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
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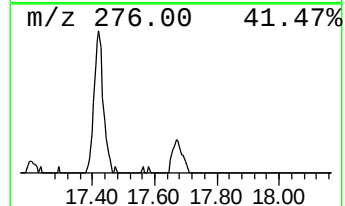
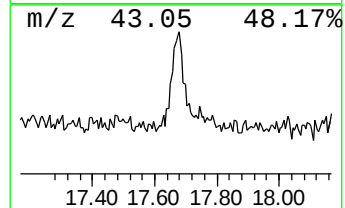
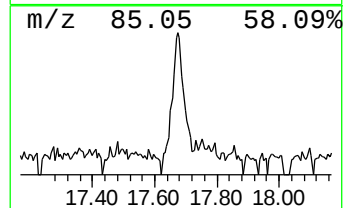
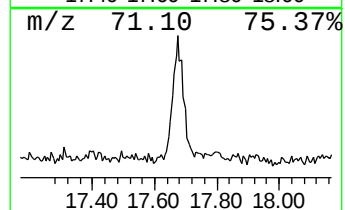
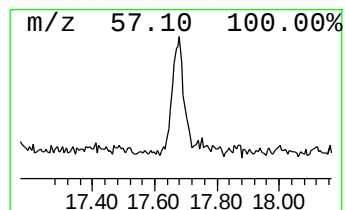
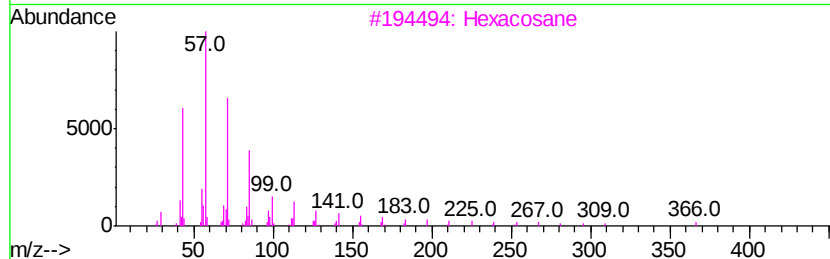
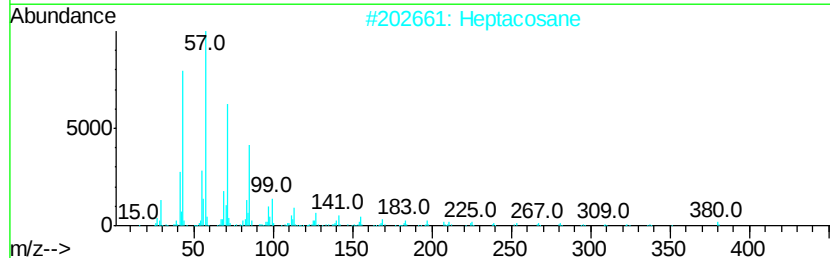
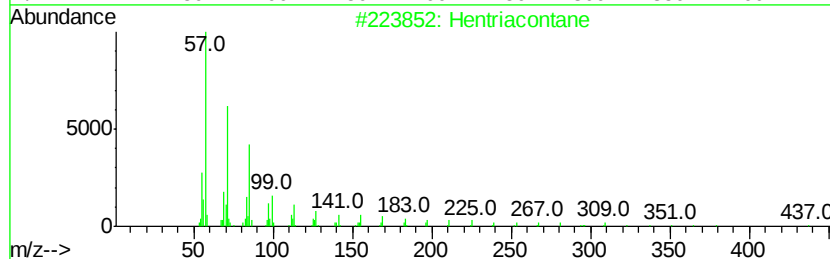
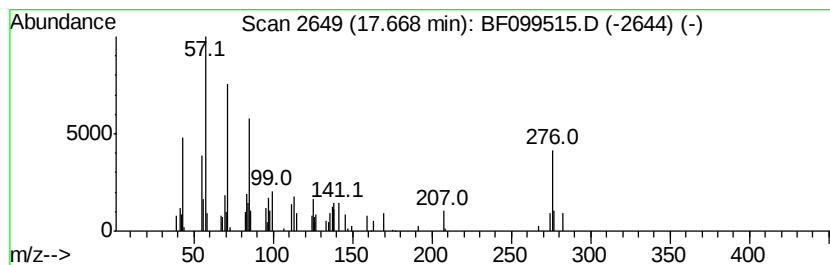
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.70 ng	80161	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hentriacontane	437	C31H64	000630-04-6	58
2		Heptacosane	380	C27H56	000593-49-7	53
3		Hexacosane	366	C26H54	000630-01-3	52
4		Octacosane	394	C28H58	000630-02-4	52
5		Tetratetracontane	619	C44H90	007098-22-8	52



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101517\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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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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2-Pentanone, 4-hy...	5.07	18.2	ng	546341	1	6.85	598924	20.0
unknown6.62	6.62	78.2	ng	2342870	1	6.85	598924	20.0
2-Hydroxy-iso-but...	8.68	3.8	ng	149147	2	8.13	788151	20.0
Benzophenone	10.59	12.3	ng	479422	3	9.88	778434	20.0
Behenic alcohol	13.83	3.5	ng	108337	5	14.01	615308	20.0
Perylene	15.36	2.0	ng	59794	6	15.49	593023	20.0
Hexacosane	15.90	2.2	ng	66383	6	15.49	593023	20.0
Heptacosane	16.40	2.6	ng	78635	6	15.49	593023	20.0
Hentriacontane	17.67	2.7	ng	80161	6	15.49	593023	20.0