

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
 Data File : BF095543.D
 Acq On : 30 May 2017 19:20
 Operator : SJ/MA
 Sample : I3302-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM2-COMP-0-6

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-BF050217.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	5.096	531	537	558	rBV	54953	159190	7.47%	0.706%
2	5.707	637	641	679	rBV	588706	1742671	81.80%	7.724%
3	6.607	789	794	799	rBV	16742	21347	1.00%	0.095%
4	7.301	908	912	926	rBV	489620	1324695	62.18%	5.872%
5	7.407	926	930	955	rVB	1074408	2130347	100.00%	9.443%
6	7.737	982	986	997	rVB	474427	586242	27.52%	2.599%
7	7.972	1021	1026	1043	rBV	1120267	1478107	69.38%	6.552%
8	8.642	1136	1140	1156	rBV	396679	910925	42.76%	4.038%
9	9.760	1326	1330	1352	rBV	344363	762164	35.78%	3.378%
10	11.530	1626	1631	1650	rBV	1141075	2015616	94.61%	8.934%
11	12.236	1742	1751	1766	rBV	108919	232505	10.91%	1.031%
12	12.595	1807	1812	1825	rBV2	488269	818750	38.43%	3.629%
13	13.419	1948	1952	1958	rBV	26628	31657	1.49%	0.140%
14	13.901	2029	2034	2050	rBV	391146	797189	37.42%	3.534%
15	15.001	2216	2221	2225	rBV	350677	535683	25.15%	2.374%
16	15.036	2225	2227	2234	rVB	92415	139359	6.54%	0.618%
17	15.136	2240	2244	2249	rBV	17276	28222	1.32%	0.125%
18	15.836	2358	2363	2370	rVV3	27313	58072	2.73%	0.257%
19	15.895	2370	2373	2377	rVV3	44638	60532	2.84%	0.268%
20	15.954	2377	2383	2392	rVB5	164077	247981	11.64%	1.099%
21	16.783	2519	2524	2529	rBV	226958	305602	14.35%	1.355%
22	16.848	2531	2535	2541	rVB2	171733	212084	9.96%	0.940%
23	17.042	2562	2568	2571	rBV4	37676	58522	2.75%	0.259%
24	17.083	2571	2575	2585	rVB	243686	319525	15.00%	1.416%
25	17.312	2609	2614	2625	rVV	1186286	1434549	67.34%	6.359%
26	17.406	2626	2630	2637	rVB3	27401	48962	2.30%	0.217%
27	17.512	2644	2648	2651	rBV5	14419	23944	1.12%	0.106%
28	17.548	2651	2654	2659	rVB	29958	36901	1.73%	0.164%
29	17.636	2665	2669	2672	rBV2	19314	27384	1.29%	0.121%
30	17.689	2674	2678	2682	rVB4	41313	71288	3.35%	0.316%
31	17.971	2720	2726	2730	rBV	295699	326810	15.34%	1.449%
32	18.006	2730	2732	2738	rVB	61591	68136	3.20%	0.302%
33	18.242	2770	2772	2775	rVB	22521	21825	1.02%	0.097%
34	18.283	2775	2779	2782	rVB4	27047	34344	1.61%	0.152%

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35	18.377	2793	2795	2798	rVB	25660	24123	1.13%	0.107%
36	18.412	2798	2801	2803	rBV	19053	21863	1.03%	0.097%
37	18.518	2816	2819	2821	rBV	16595	22631	1.06%	0.100%
38	18.553	2821	2825	2839	rVV3	78910	154351	7.25%	0.684%
39	18.671	2839	2845	2849	rVV2	595437	891846	41.86%	3.953%
40	18.706	2849	2851	2861	rVV2	184610	302545	14.20%	1.341%
41	18.801	2864	2867	2871	rVB4	34026	46359	2.18%	0.205%
42	18.959	2891	2894	2900	rBV6	28557	40667	1.91%	0.180%
43	19.177	2929	2931	2935	rBV3	23747	22855	1.07%	0.101%
44	19.342	2955	2959	2966	rBV6	80163	150386	7.06%	0.667%
45	19.689	3014	3018	3019	rBV4	25235	35121	1.65%	0.156%
46	19.783	3031	3034	3040	rBV3	42247	46812	2.20%	0.207%
47	19.865	3045	3048	3051	rVB	68693	71070	3.34%	0.315%
48	19.947	3058	3062	3065	rBV	142402	214253	10.06%	0.950%
49	20.065	3078	3082	3085	rBV2	210940	248943	11.69%	1.103%
50	20.095	3085	3087	3091	rVB3	59701	74556	3.50%	0.330%
51	20.236	3109	3111	3116	rVB	83036	91194	4.28%	0.404%
52	20.295	3118	3121	3126	rBV	112797	141965	6.66%	0.629%
53	20.353	3127	3131	3138	rBV	348179	490995	23.05%	2.176%
54	20.583	3167	3170	3177	rVB3	104122	131316	6.16%	0.582%
55	20.794	3201	3206	3210	rVB	482799	667216	31.32%	2.957%
56	20.836	3210	3213	3218	rBV7	40932	75483	3.54%	0.335%
57	21.465	3315	3320	3325	rBV	102786	154579	7.26%	0.685%
58	21.718	3358	3363	3369	rVB5	145431	253351	11.89%	1.123%
59	22.100	3423	3428	3440	rVB5	58938	206694	9.70%	0.916%
60	22.541	3499	3503	3513	rVB5	102412	279292	13.11%	1.238%
61	22.971	3572	3576	3584	rVB8	68899	154986	7.28%	0.687%
62	23.318	3626	3635	3653	rVB9	130077	474062	22.25%	2.101%

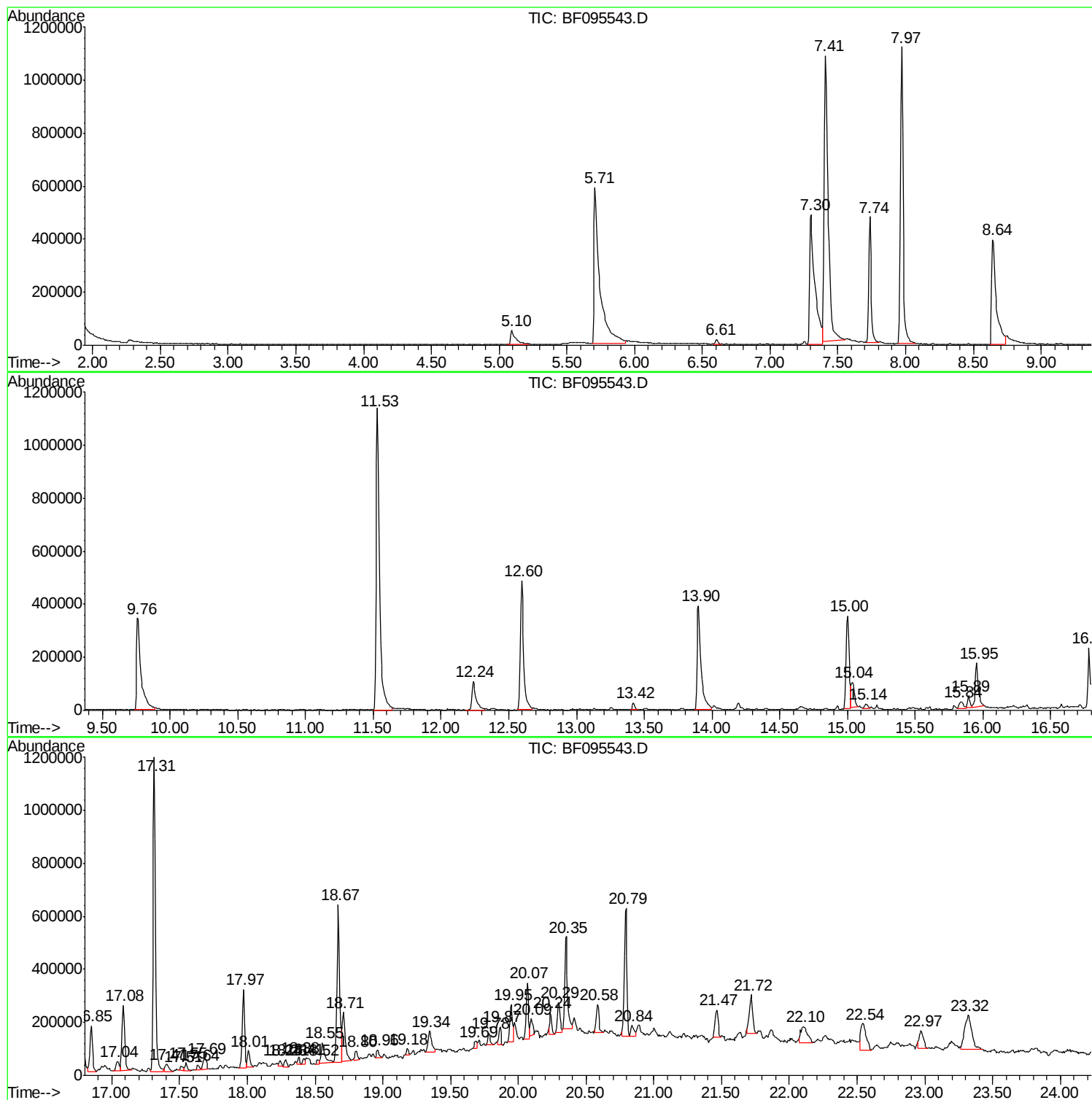
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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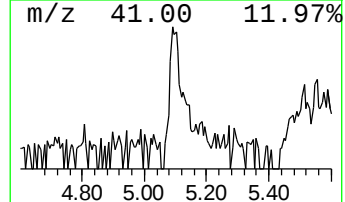
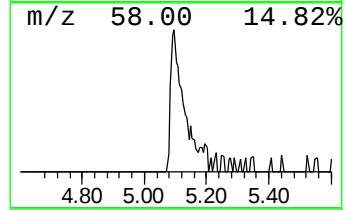
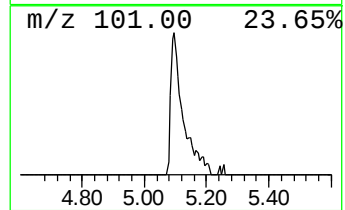
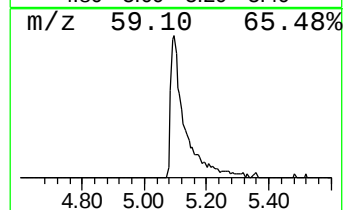
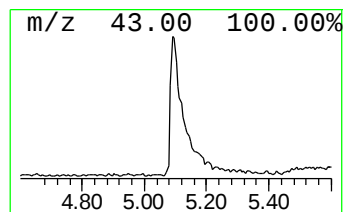
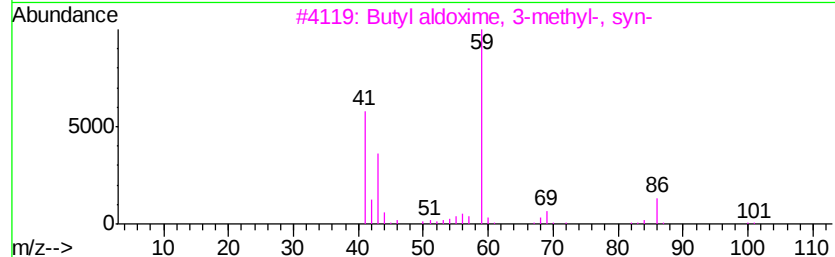
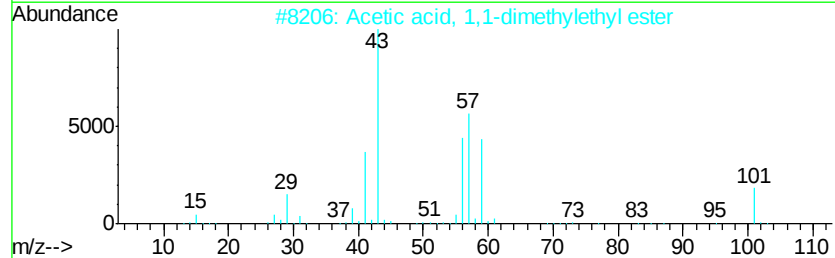
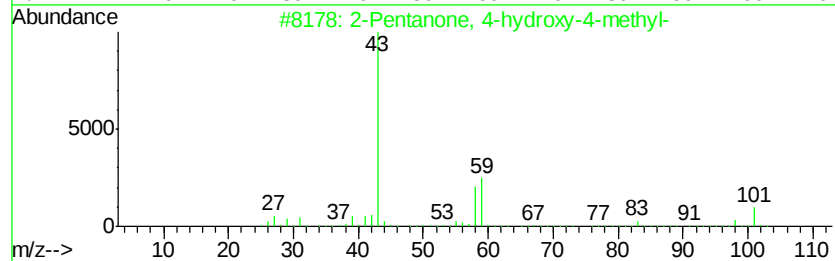
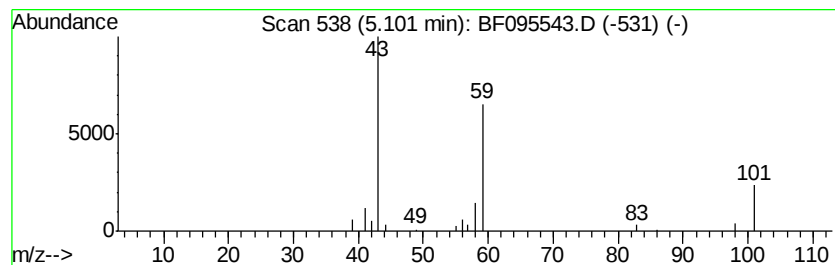
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	5.43 ng	159190	1,4-Dichlorobenzene-d4	7.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4			1,2-Butanediol	90	C4H10O2	000584-03-2	23
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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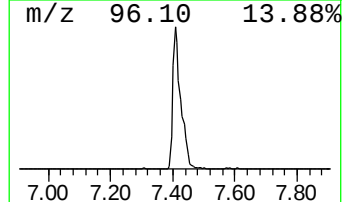
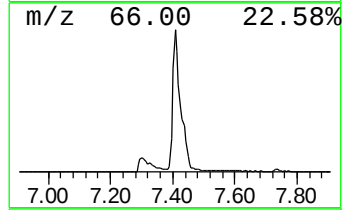
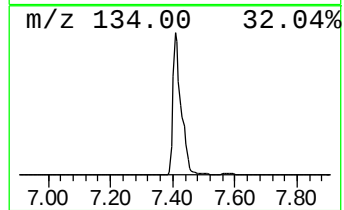
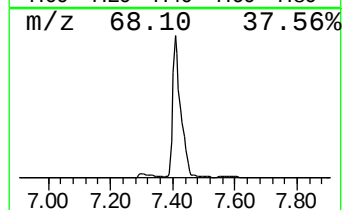
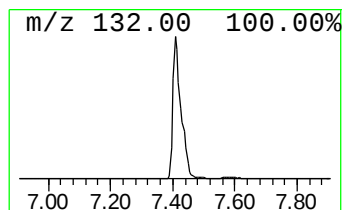
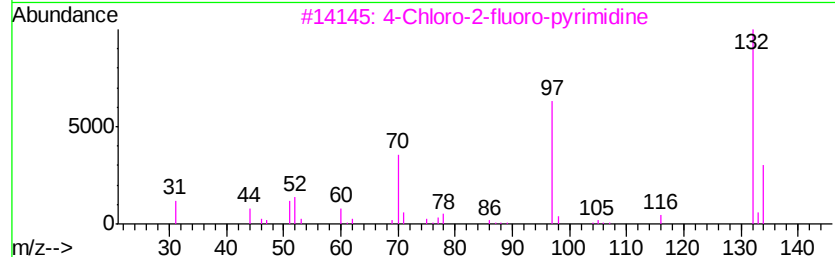
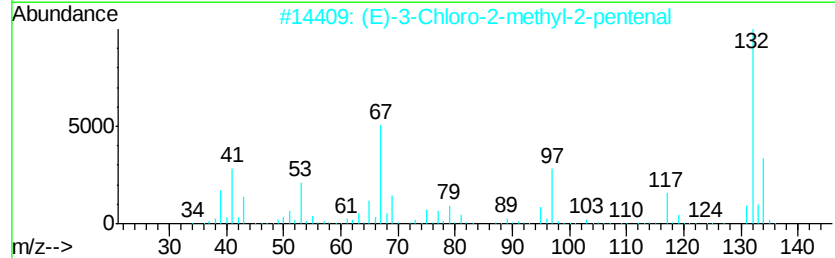
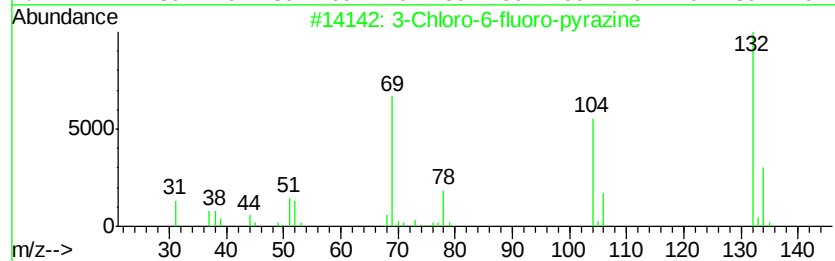
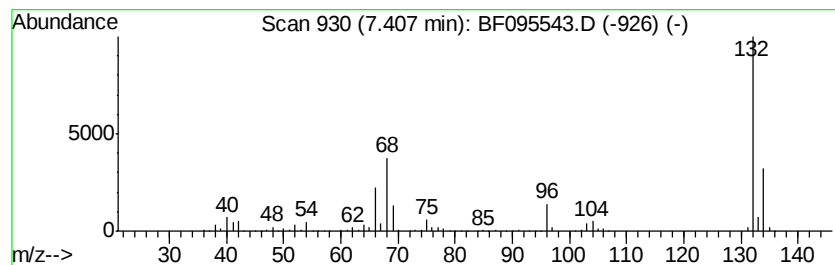
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	72.68 ng	2130350	1,4-Dichlorobenzene-d4	7.74

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	12
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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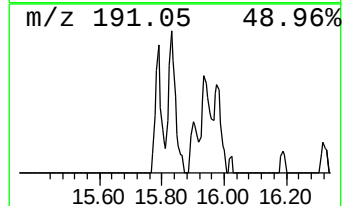
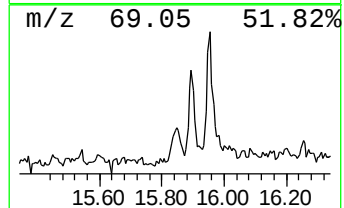
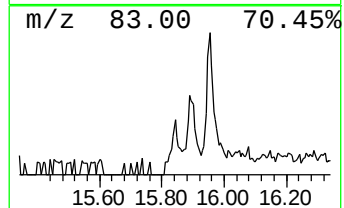
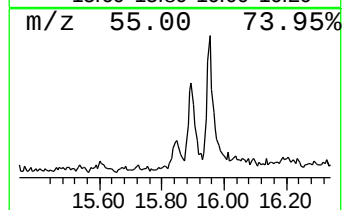
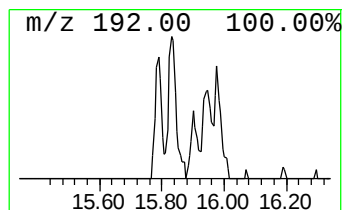
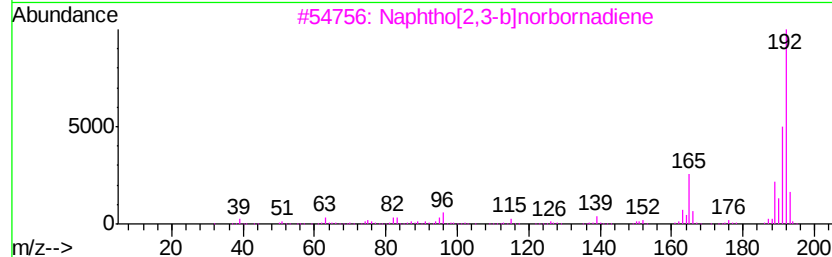
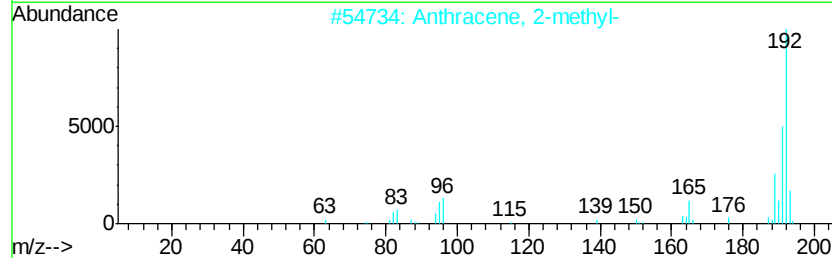
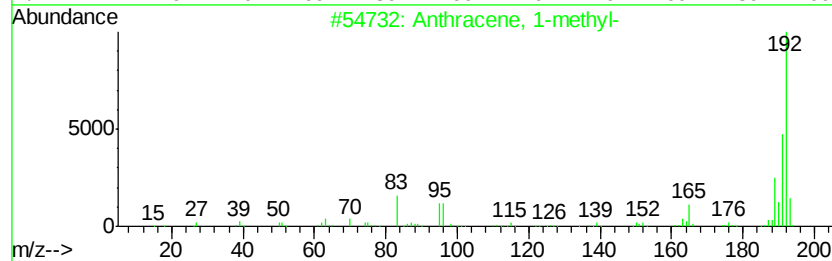
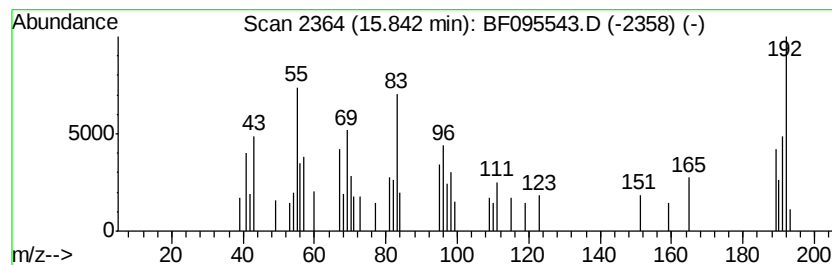
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.17 ng	58072	Phenanthrene-d10	15.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
3			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	58



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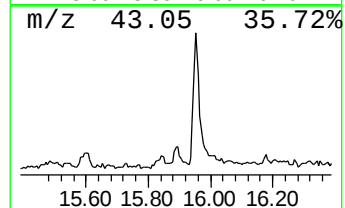
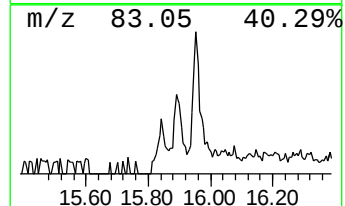
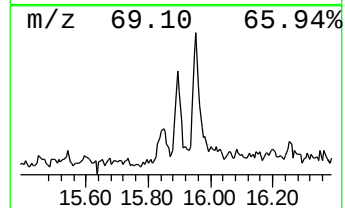
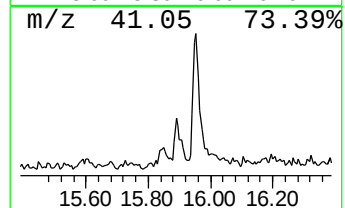
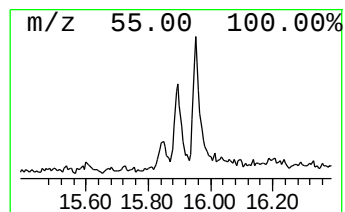
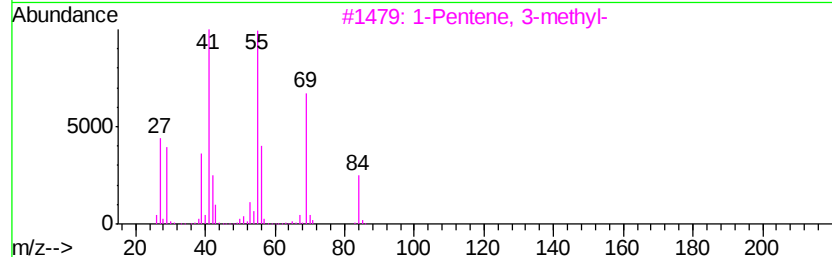
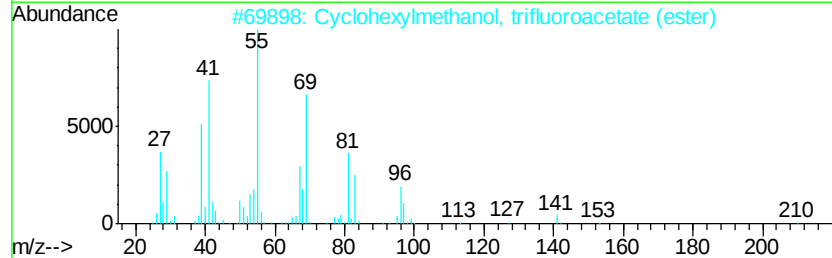
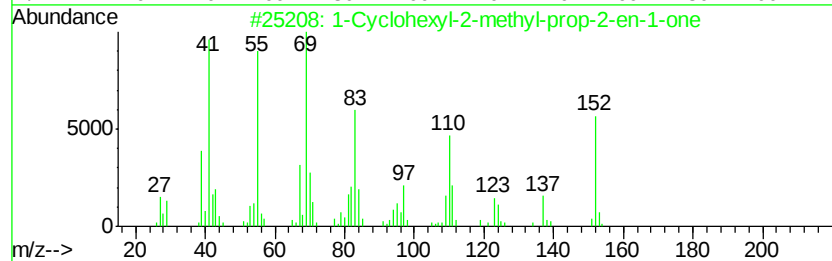
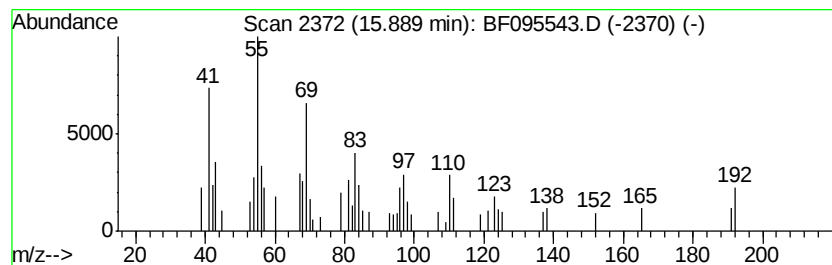
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Peak Number 5 unknown15.89 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.26 ng	60532	Phenanthrene-d10	15.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	43
2		Cyclohexylmethanol, trifluoroace...	210	C9H13F3O2	164071-20-9	35
3		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	27
4		2,6-Octadienal, 3,7-dimethyl-, (E)-	152	C10H16O	000141-27-5	27
5		3-Penten-2-one	84	C5H8O	000625-33-2	27



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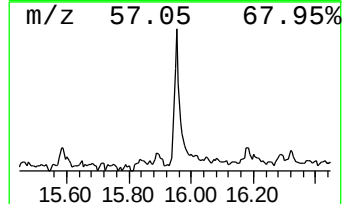
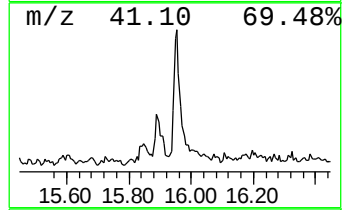
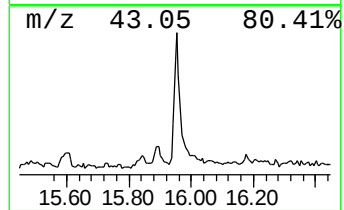
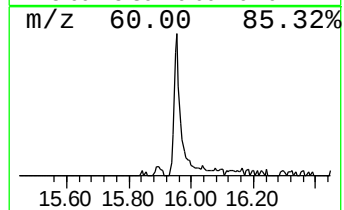
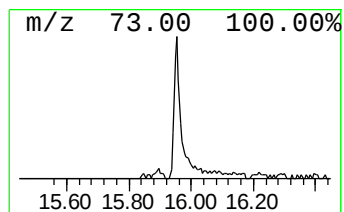
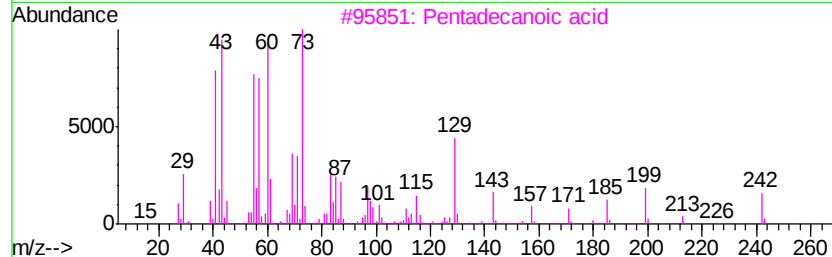
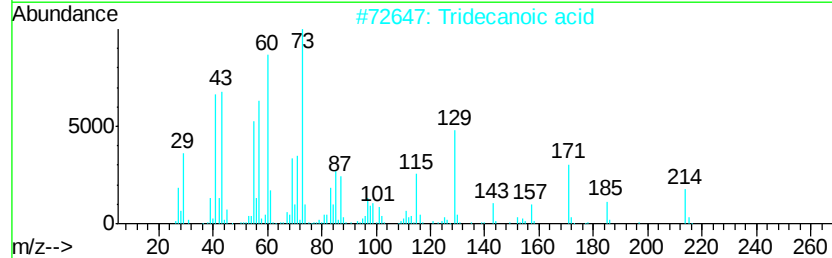
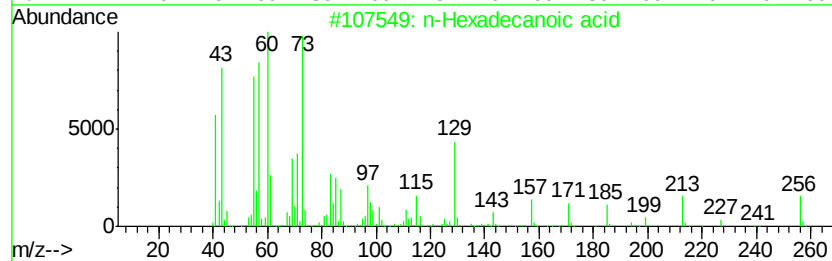
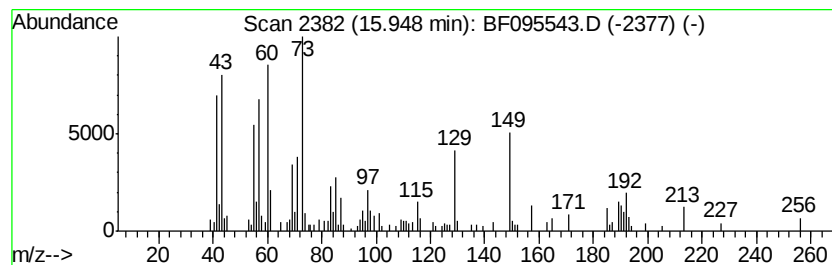
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	9.26 ng	247981	Phenanthrene-d10	15.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095543.D
Acq On : 30 May 2017 19:20
Operator : SJ/MA
Sample : I3302-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-0-6

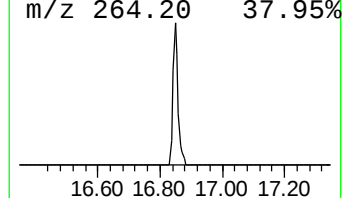
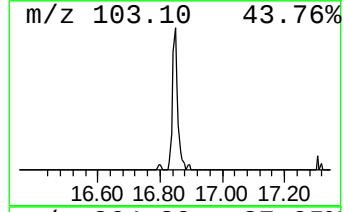
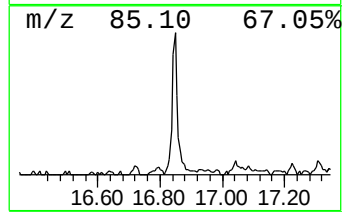
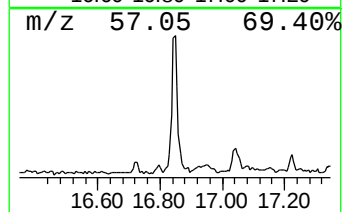
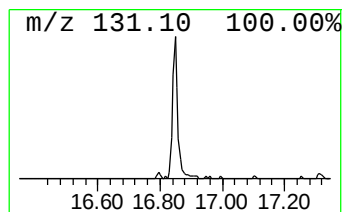
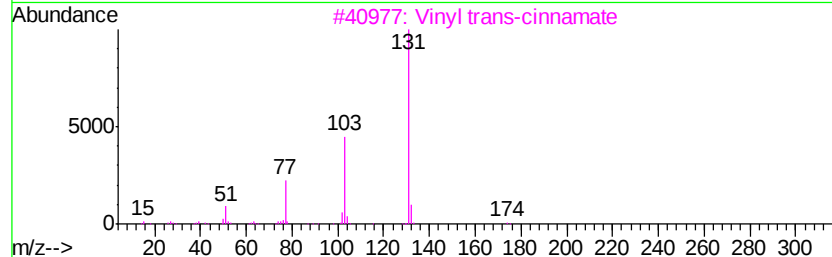
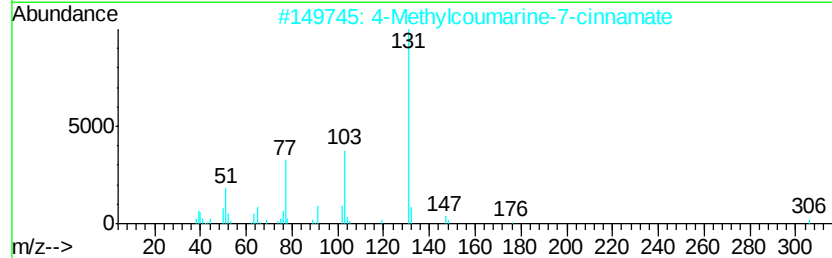
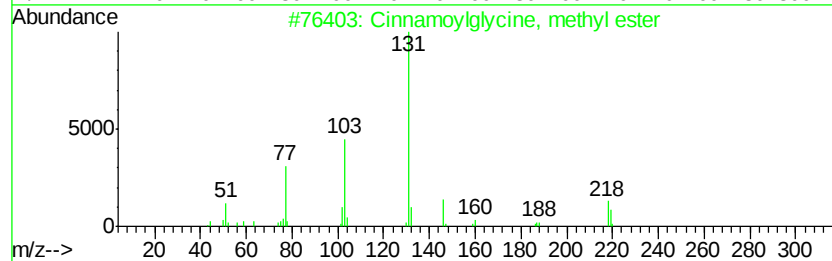
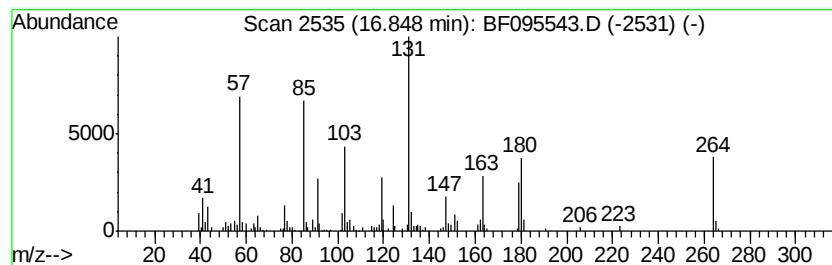
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown16.85 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	4.76 ng	212084	Chrysene-d12	18.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	35
2		4-Methylcoumarine-7-cinnamate	306	C19H14O4	300829-05-4	35
3		Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	27
4		3-Butenoic acid, 2-oxo-4-phenyl-...	190	C11H10O3	1000142-22-4	27
5		1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095543.D
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ClientSampleId :
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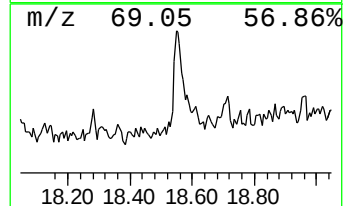
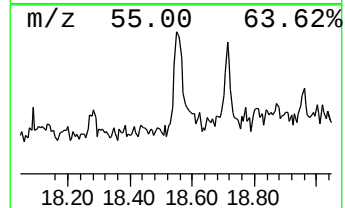
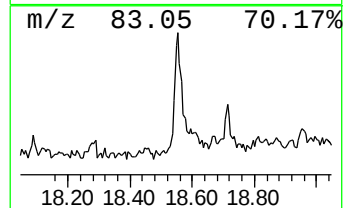
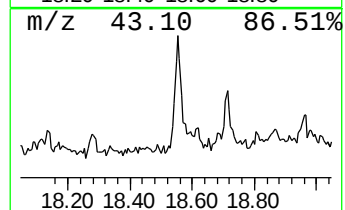
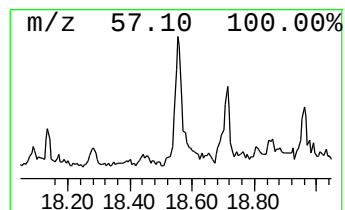
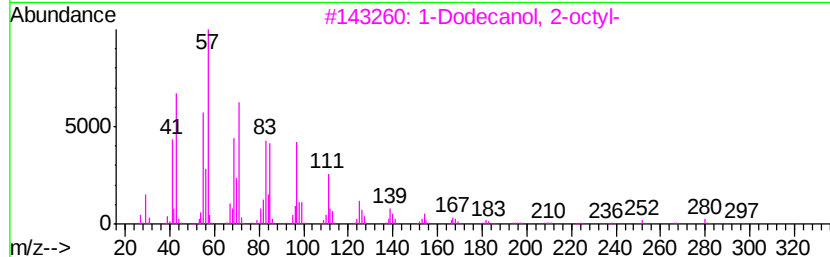
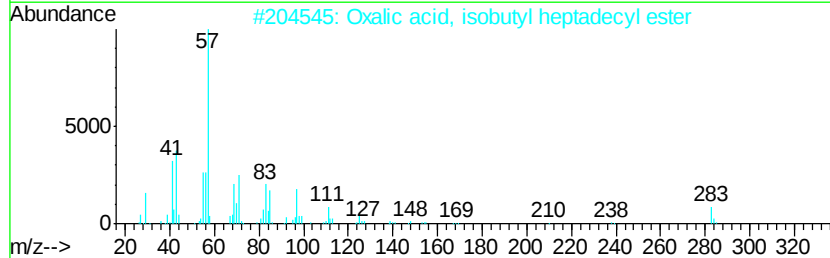
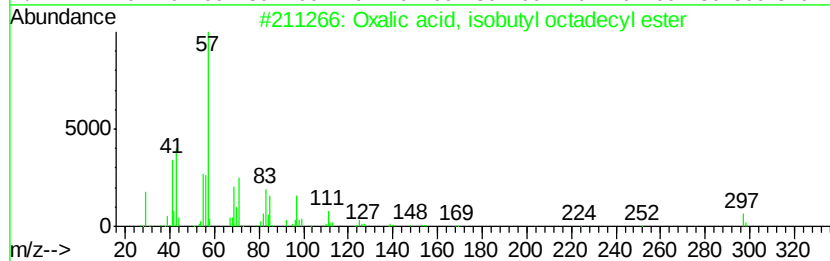
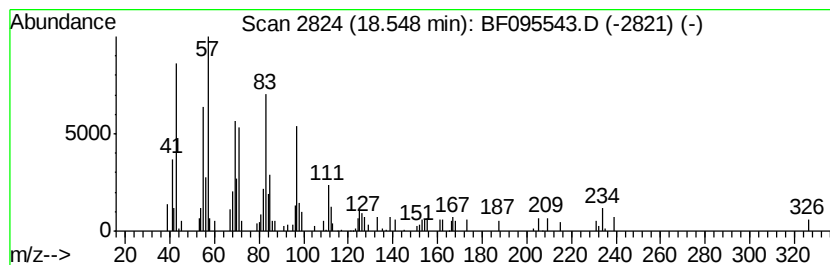
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxalic acid, isobutyl octadecyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	3.46 ng	154351	Chrysene-d12	18.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	86
2			Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	86
3			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	76
4			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	76
5			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095543.D
Acq On : 30 May 2017 19:20
Operator : SJ/MA
Sample : I3302-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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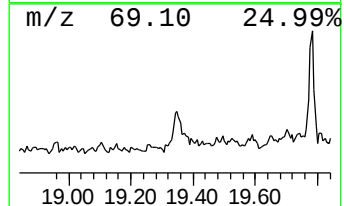
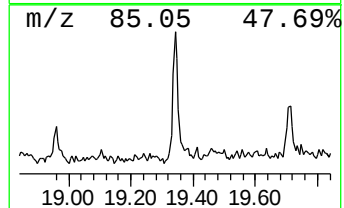
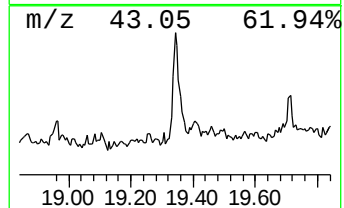
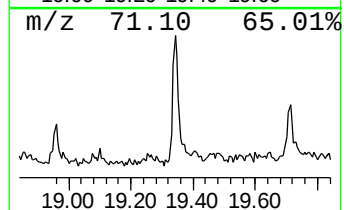
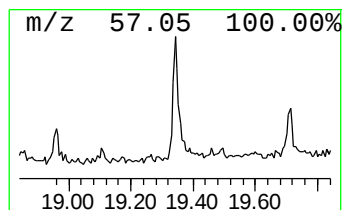
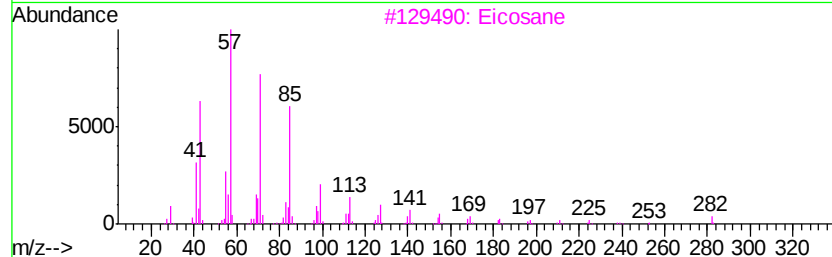
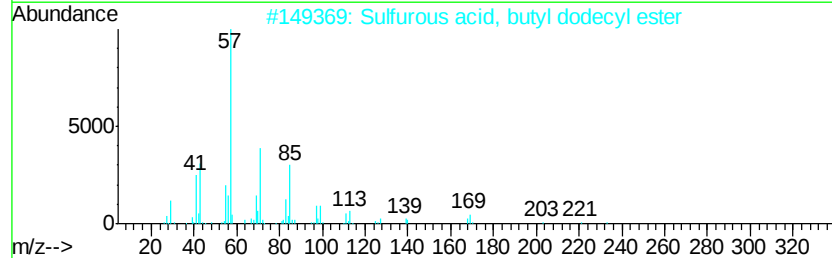
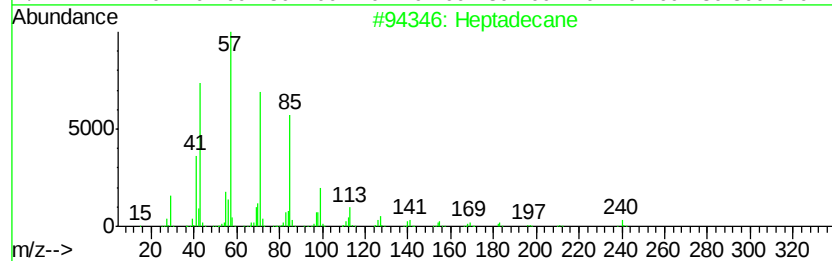
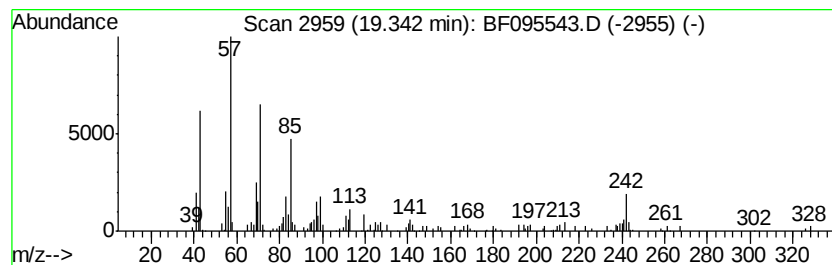
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	3.37 ng	150386	Chrysene-d12	18.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	96
2	Sulfurous acid, butyl dodecyl ester		306	C16H34O3S	1000309-17-9	74
3	Eicosane		282	C20H42	000112-95-8	74
4	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	72
5	Heptacosane		380	C27H56	000593-49-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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Acq On : 30 May 2017 19:20
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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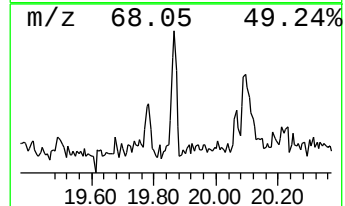
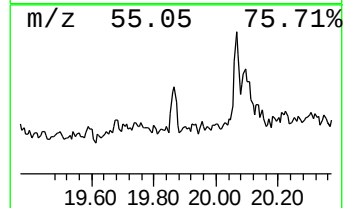
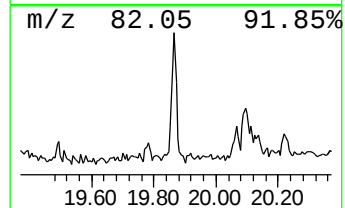
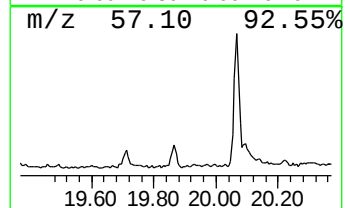
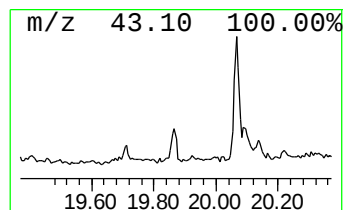
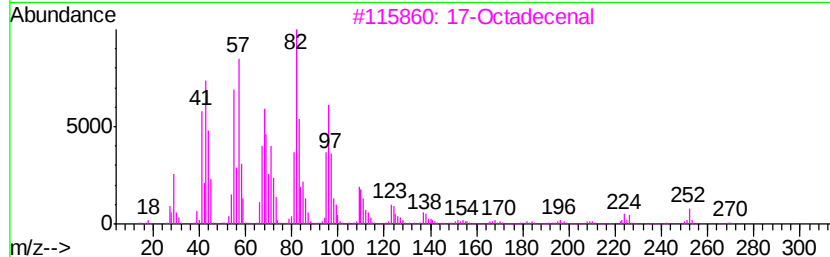
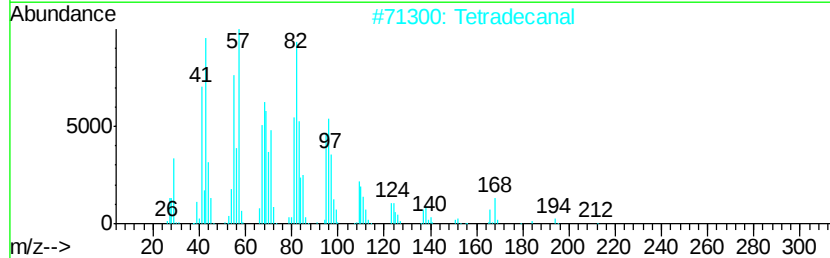
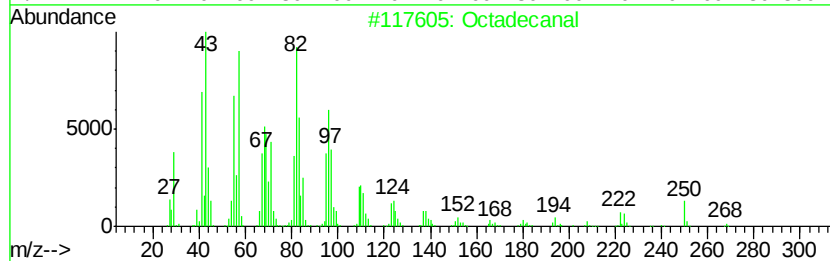
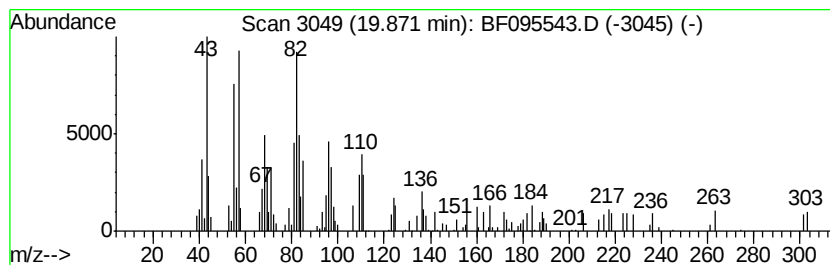
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.89 ng	71070	Perylene-d12	20.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	91
2			Tetradecanal	212	C14H28O	000124-25-4	80
3			17-Octadecenal	266	C18H34O	056554-86-0	80
4			12-Octadecenal	266	C18H34O	056554-91-7	80
5			16-Heptadecenal	252	C17H32O	1000144-57-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095543.D
Acq On : 30 May 2017 19:20
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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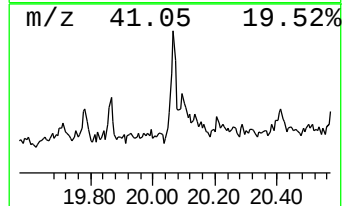
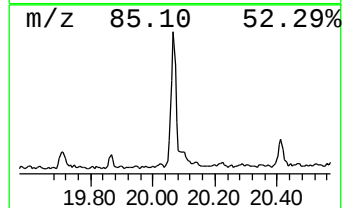
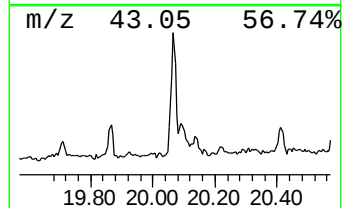
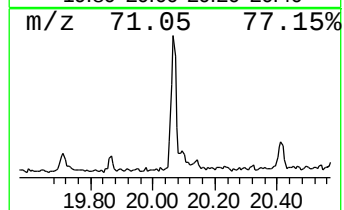
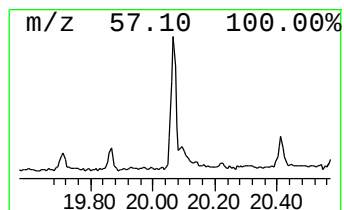
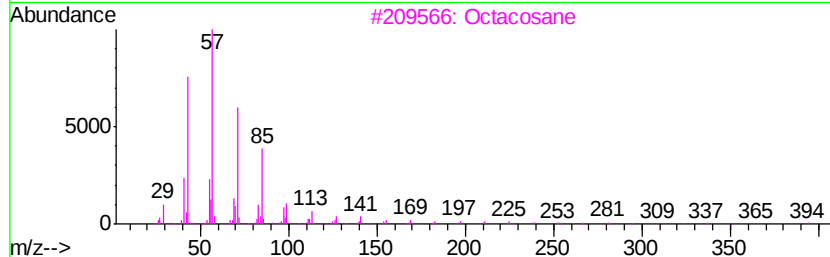
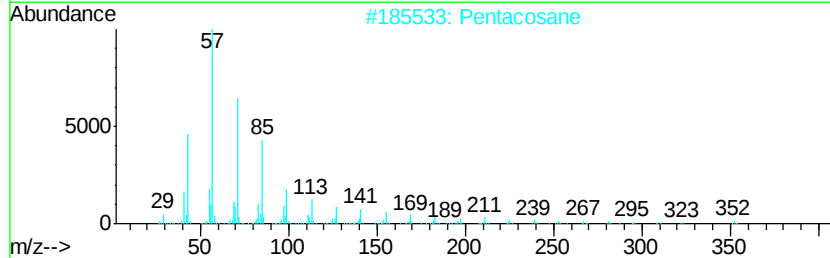
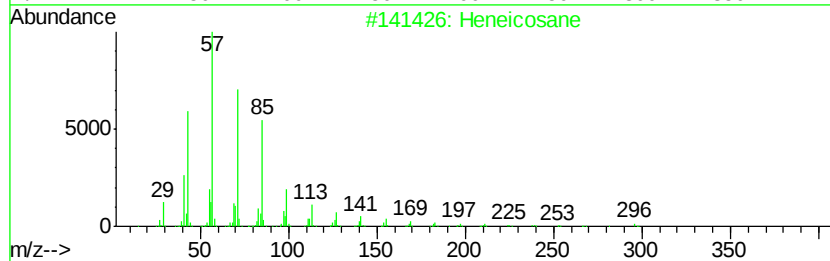
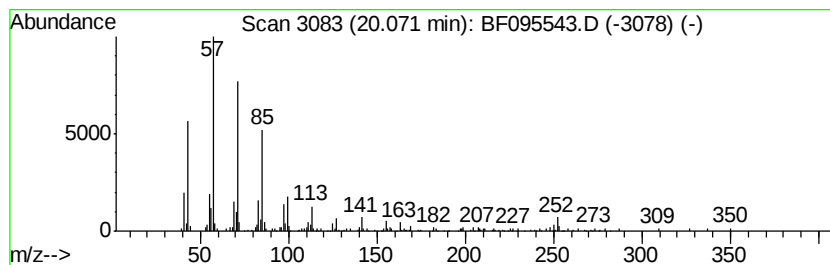
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	10.14 ng	248943	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Pentacosane	352	C25H52	000629-99-2	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Tetracosane	338	C24H50	000646-31-1	83
5		2-methyloctacosane	408	C29H60	1000376-72-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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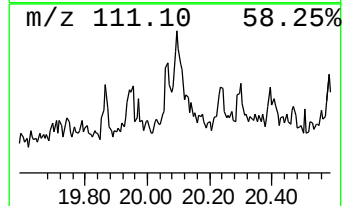
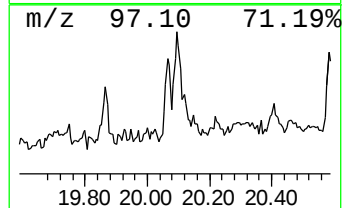
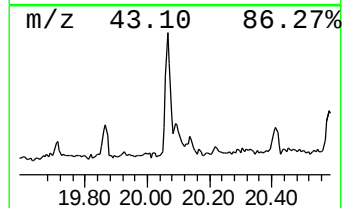
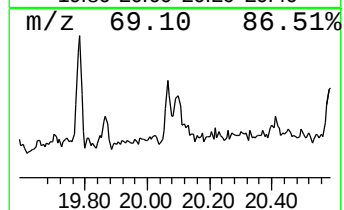
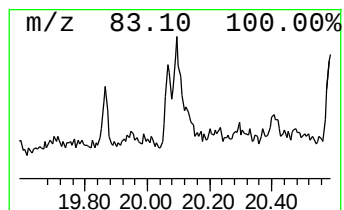
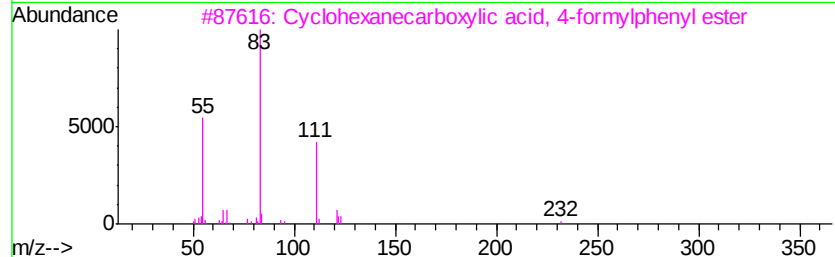
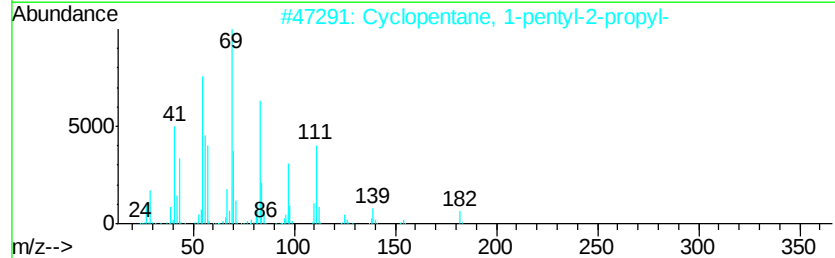
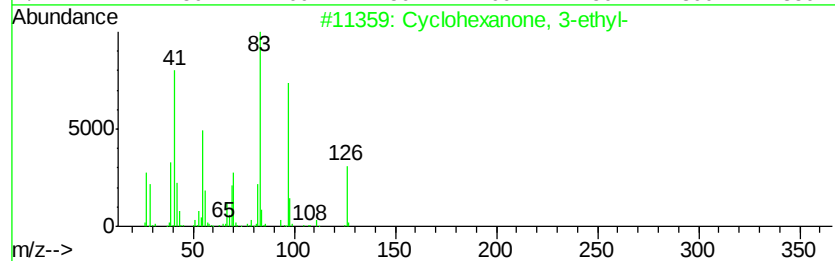
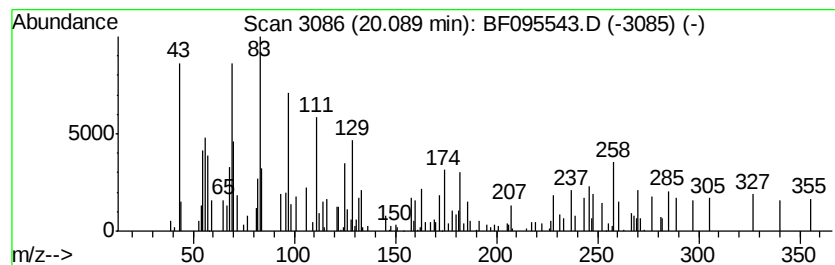
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexanone, 3-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	3.04 ng	74556	Perylene-d12	20.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	53
2			Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	43
3			Cyclohexanecarboxylic acid, 4-formylphenyl ester	232	C14H16O3	146606-04-4	35
4			Cyclopentane, 1,1,3,4-tetramethyl-	126	C9H18	020309-77-7	35
5			Muco-inositol tri-methaneboronate	252	C9H15B3O6	1000064-40-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095543.D
Acq On : 30 May 2017 19:20
Operator : SJ/MA
Sample : I3302-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NM2-COMP-0-6

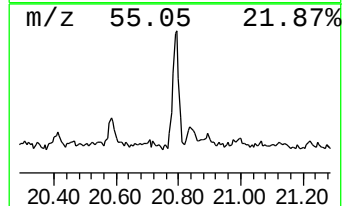
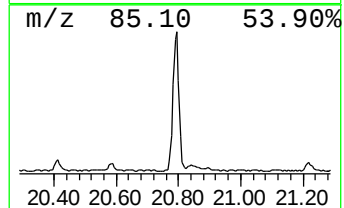
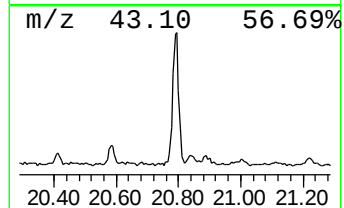
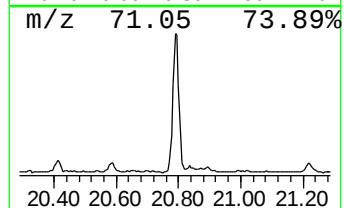
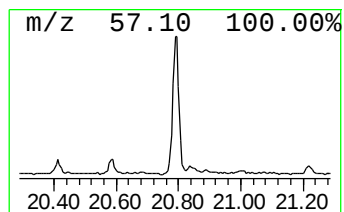
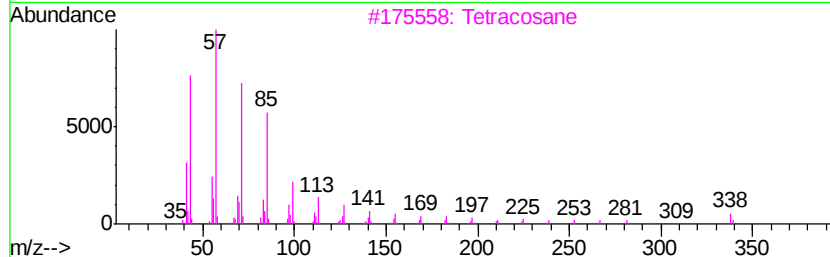
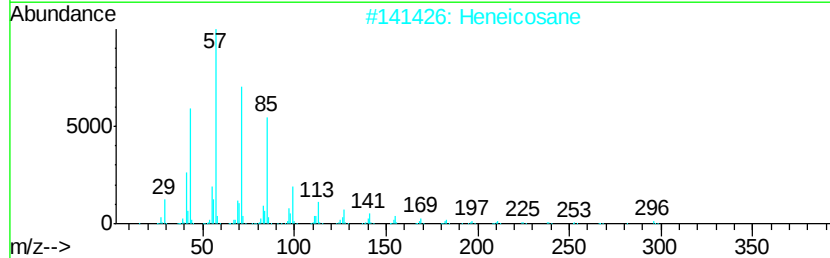
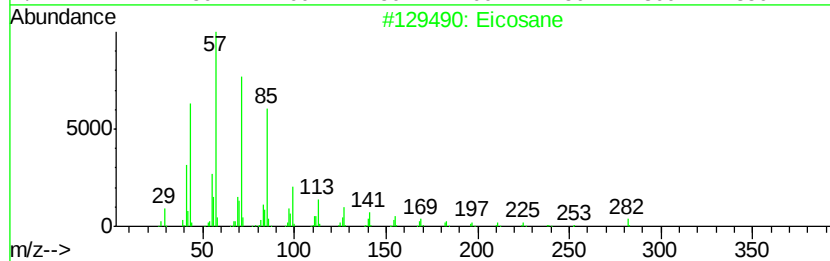
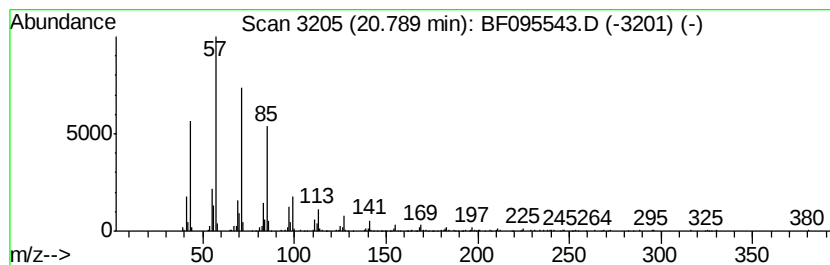
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	27.18 ng	667216	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095543.D
Acq On : 30 May 2017 19:20
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ClientSampleId :
NM2-COMP-0-6

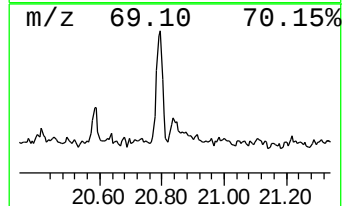
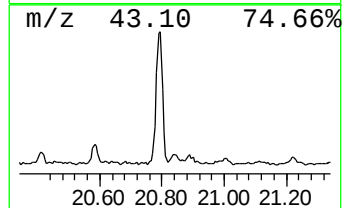
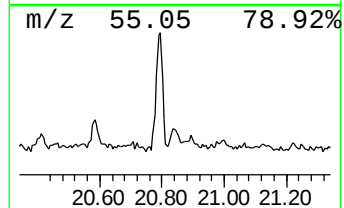
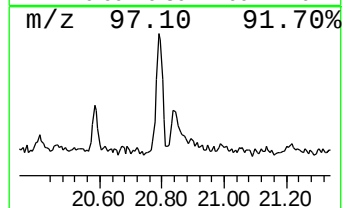
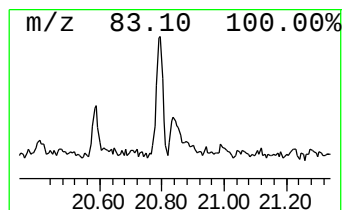
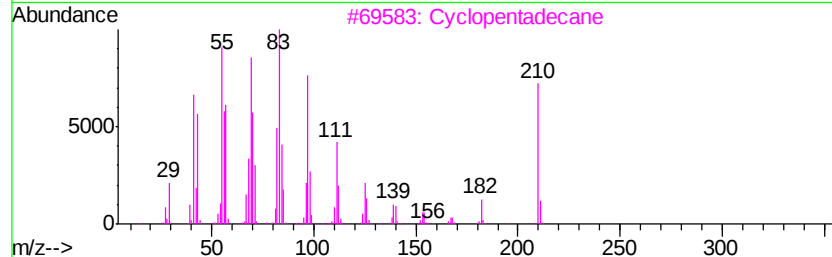
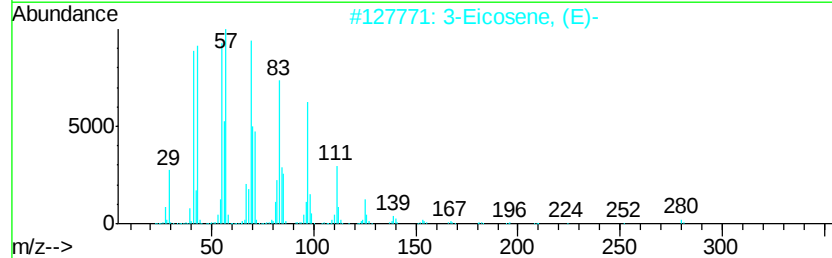
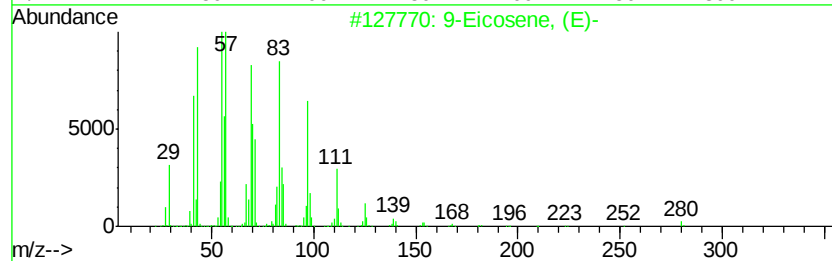
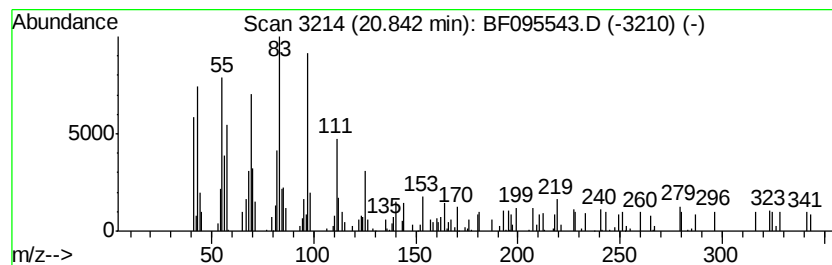
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Eicosene, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.07 ng	75483	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Eicosene, (E)-	280	C20H40	074685-29-3	81
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	74
3		Cyclopentadecane	210	C15H30	000295-48-7	72
4		3-Heptene, 4-propyl-	140	C10H20	004485-13-6	50
5		Cycloeicosane	280	C20H40	000296-56-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
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Acq On : 30 May 2017 19:20
Operator : SJ/MA
Sample : I3302-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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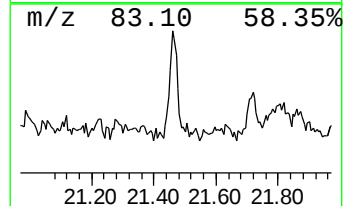
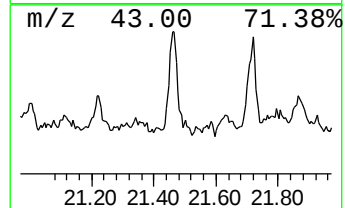
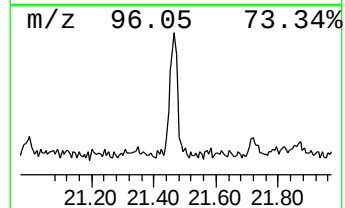
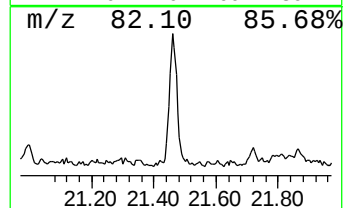
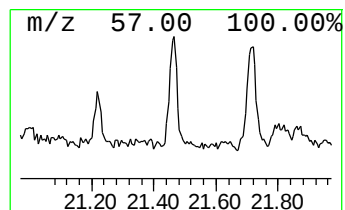
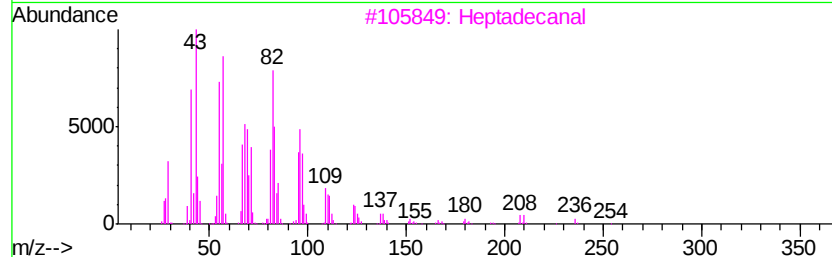
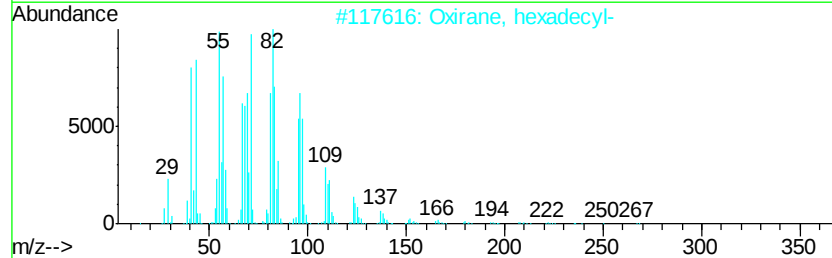
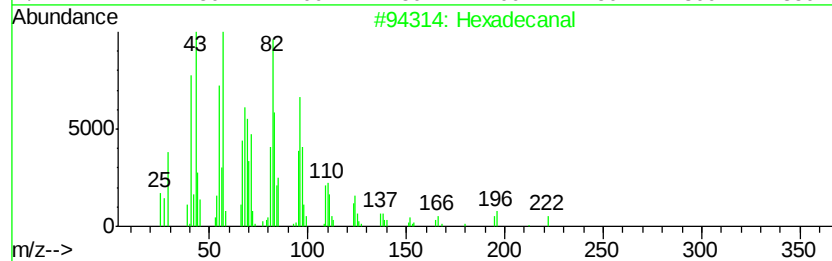
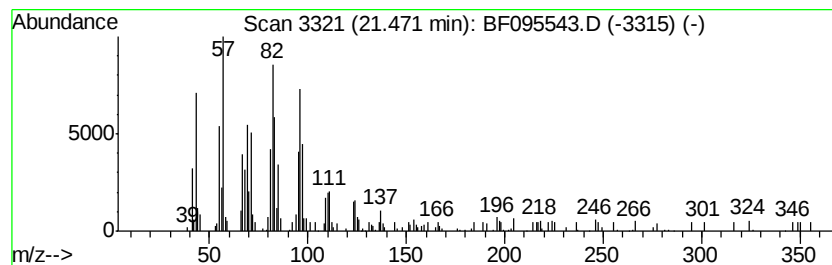
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	6.30 ng	154579	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanal	240	C16H32O	000629-80-1	90
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
3		Heptadecanal	254	C17H34O	1000376-70-0	83
4		Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	80
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095543.D
Acq On : 30 May 2017 19:20
Operator : SJ/MA
Sample : I3302-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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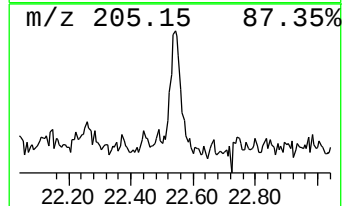
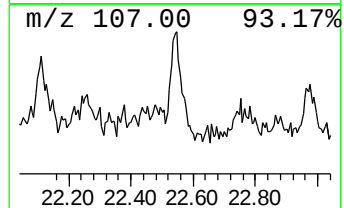
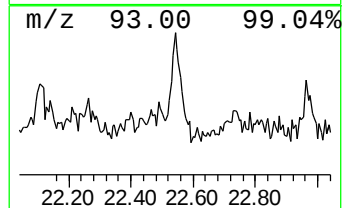
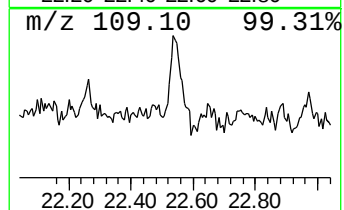
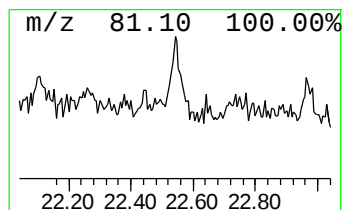
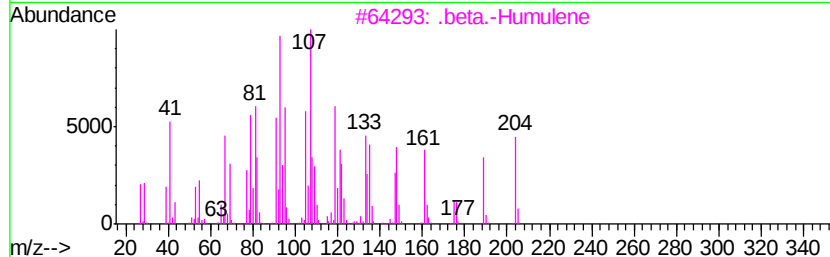
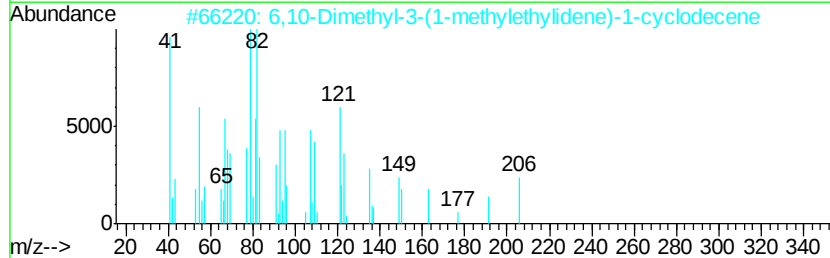
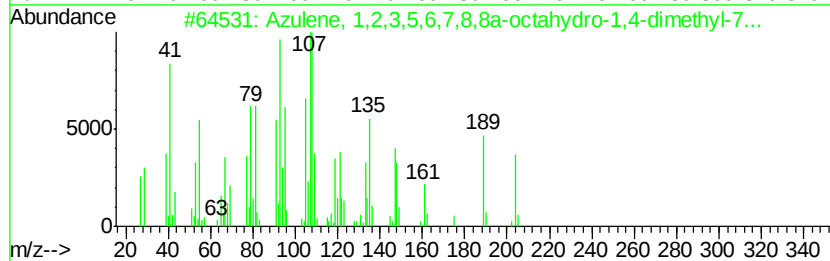
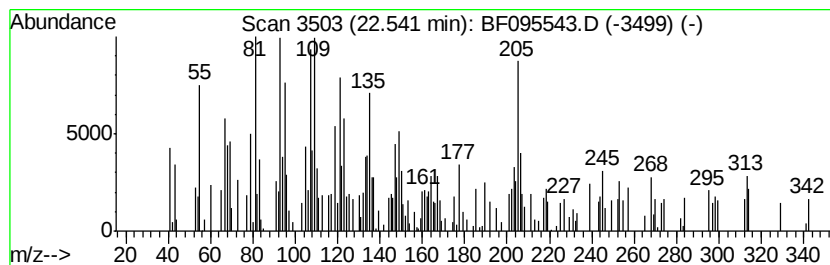
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Azulene, 1,2,3,5,6,7,8,8a-o... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	11.38 ng	279292	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	70
2		6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	53
3		.beta.-Humulene	204	C15H24	000116-04-1	50
4		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	47
5		Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095543.D
Acq On : 30 May 2017 19:20
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Misc :
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ClientSampleId :
NM2-COMP-0-6

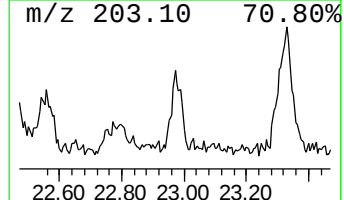
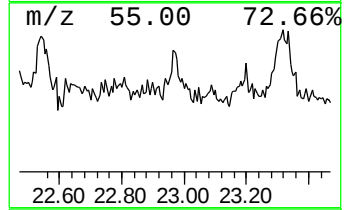
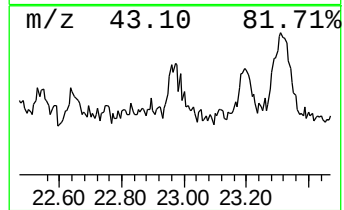
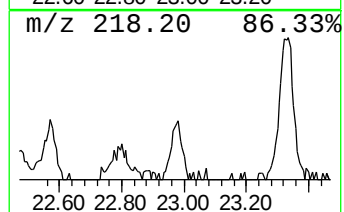
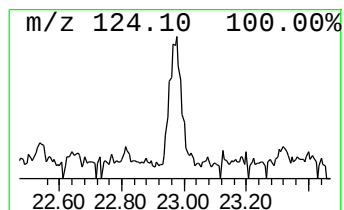
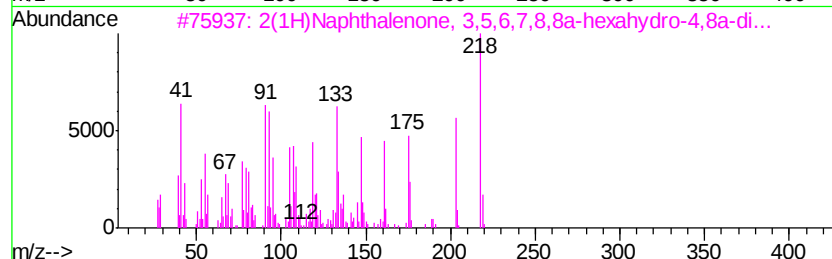
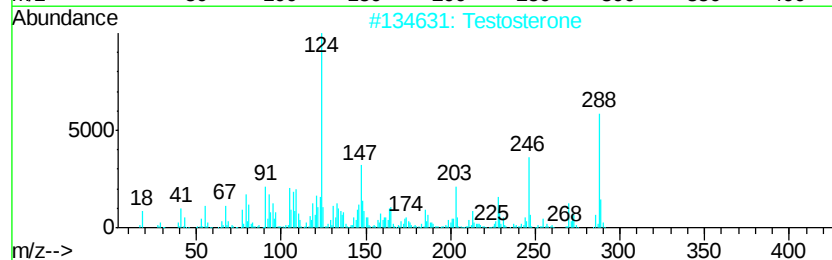
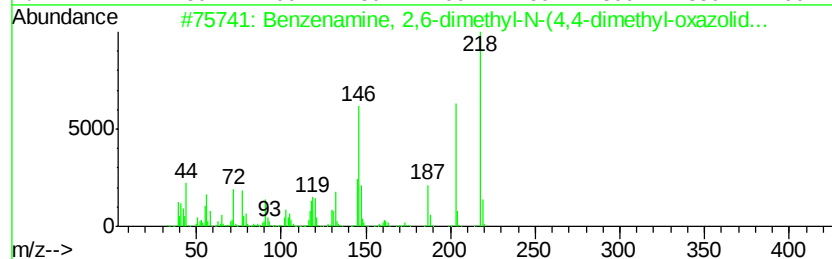
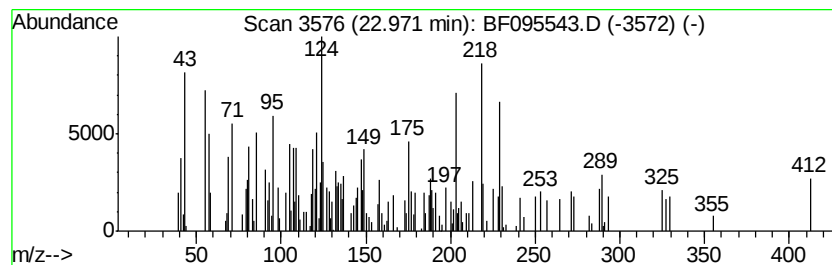
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown22.97 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	6.31 ng	154986	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 2,6-dimethyl-N-(4,4...	218	C13H18N2O	281211-68-5	25
2		Testosterone	288	C19H28O2	000058-22-0	22
3		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	18
4		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	15
5		4,4,9,9-Tetramethyl-4,9-disilatr...	218	C12H18Si2	1000280-67-7	14



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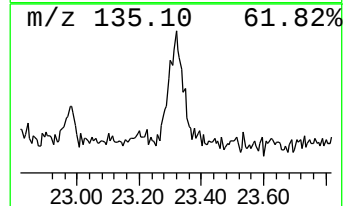
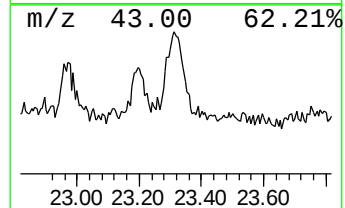
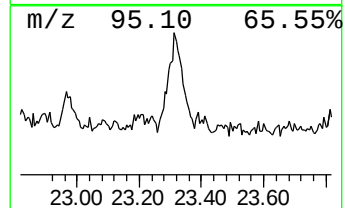
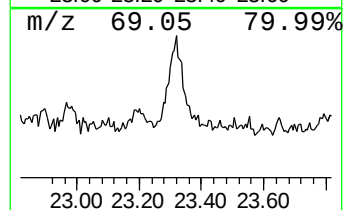
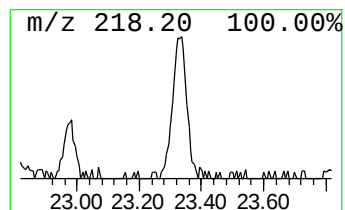
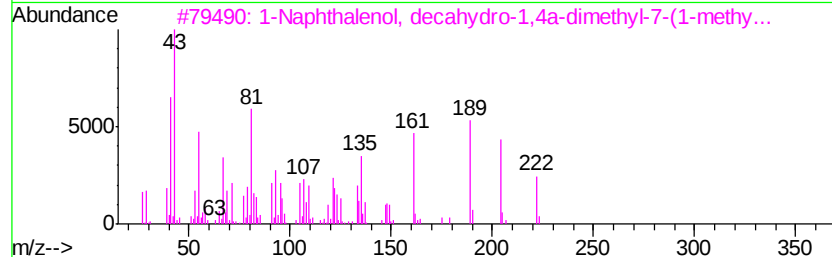
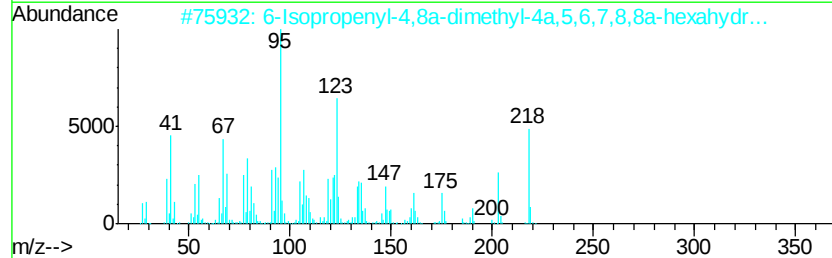
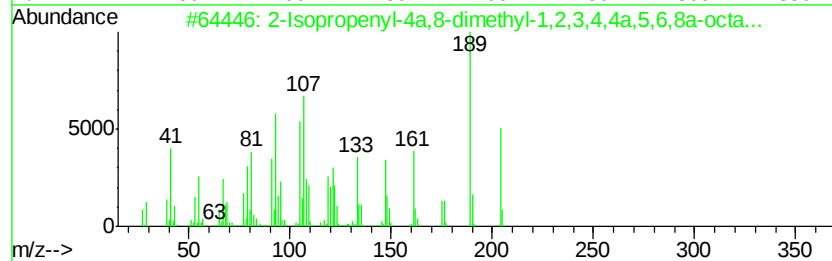
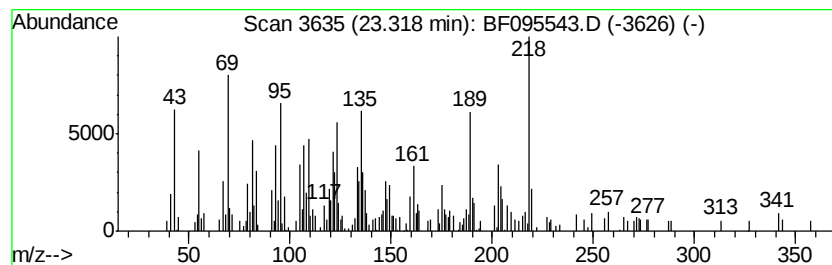
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	19.31 ng	474062	Perylene-d12	20.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	90
2		6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	83
3		1-Naphthalenol, decahydro-1,4a-d...	222	C15H26O	000473-04-1	58
4		3,7,11-Trimethyl-dodeca-2,4,6,10...	218	C15H22O	013832-89-8	42
5		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	38



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 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown7.41	7.41	72.7	ng	2130350	1	7.74	586242	20.0
Anthracene, 1-met...	15.84	2.2	ng	58072	4	15.00	535683	20.0
unknown15.89	15.89	2.3	ng	60532	4	15.00	535683	20.0
n-Hexadecanoic acid	15.95	9.3	ng	247981	4	15.00	535683	20.0
unknown16.85	16.85	4.8	ng	212084	5	18.67	891846	20.0
Oxalic acid, isob...	18.55	3.5	ng	154351	5	18.67	891846	20.0
Heptadecane	19.34	3.4	ng	150386	5	18.67	891846	20.0
Octadecanal	19.87	2.9	ng	71070	6	20.35	490995	20.0
Heneicosane	20.07	10.1	ng	248943	6	20.35	490995	20.0
Cyclohexanone, 3-...	20.09	3.0	ng	74556	6	20.35	490995	20.0
Eicosane	20.79	27.2	ng	667216	6	20.35	490995	20.0
9-Eicosene, (E)-	20.84	3.1	ng	75483	6	20.35	490995	20.0
Hexadecanal	21.47	6.3	ng	154579	6	20.35	490995	20.0
Azulene, 1,2,3,5,...	22.54	11.4	ng	279292	6	20.35	490995	20.0
unknown22.97	22.97	6.3	ng	154986	6	20.35	490995	20.0
2-Isopropenyl-4a,...	23.32	19.3	ng	474062	6	20.35	490995	20.0