

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095174.D
 Acq On : 17 May 2017 00:48
 Operator : SJ/MA
 Sample : I3151-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM10-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	5.136	539	544	566	rBV	306626	702121	23.11%	2.520%
2	5.748	644	648	673	rBV	1654673	2738199	90.13%	9.827%
3	6.319	740	745	754	rBV	19623	39373	1.30%	0.141%
4	7.325	910	916	931	rBV	1725501	2676442	88.09%	9.606%
5	7.442	931	936	952	rVB	2032412	2836226	93.35%	10.179%
6	7.777	989	993	1003	rBV	447586	526824	17.34%	1.891%
7	8.013	1028	1033	1053	rBV	1907498	2336633	76.91%	8.386%
8	8.677	1140	1146	1173	rBV	1185345	1679420	55.28%	6.027%
9	9.789	1331	1335	1354	rBV	461485	667734	21.98%	2.397%
10	11.566	1631	1637	1655	rBV	2227598	3038139	100.00%	10.904%
11	12.254	1750	1754	1765	rBV	175751	276154	9.09%	0.991%
12	12.401	1773	1779	1785	rBV	23852	34630	1.14%	0.124%
13	12.618	1811	1816	1823	rBV2	496984	710742	23.39%	2.551%
14	12.671	1823	1825	1831	rVB	26518	34422	1.13%	0.124%
15	13.454	1953	1958	1965	rBV	29316	35133	1.16%	0.126%
16	13.524	1965	1970	1976	rBV2	32356	48962	1.61%	0.176%
17	13.918	2032	2037	2048	rBV	967970	1399781	46.07%	5.024%
18	14.224	2085	2089	2093	rBV	29786	37595	1.24%	0.135%
19	15.024	2220	2225	2228	rBV	394090	500774	16.48%	1.797%
20	15.059	2228	2231	2240	rVV	413285	532725	17.53%	1.912%
21	15.148	2242	2246	2257	rVB	77318	113936	3.75%	0.409%
22	15.442	2293	2296	2304	rVB	19725	36645	1.21%	0.132%
23	15.806	2354	2358	2361	rBV2	43586	49170	1.62%	0.176%
24	15.848	2361	2365	2370	rVV	45180	54886	1.81%	0.197%
25	15.953	2380	2383	2385	rBV2	50003	54719	1.80%	0.196%
26	16.248	2430	2433	2438	rVB	25855	33849	1.11%	0.121%
27	16.300	2438	2442	2448	rBV2	23933	33617	1.11%	0.121%
28	16.718	2508	2513	2518	rBV3	22191	31139	1.02%	0.112%
29	16.800	2522	2527	2536	rBV	525088	609455	20.06%	2.187%
30	17.100	2574	2578	2588	rVB	498936	616798	20.30%	2.214%
31	17.342	2614	2619	2627	rVV	1839764	2190766	72.11%	7.863%
32	17.424	2627	2633	2638	rVB4	23384	48725	1.60%	0.175%
33	17.536	2648	2652	2654	rBV3	26549	37746	1.24%	0.135%
34	17.565	2654	2657	2663	rVB	37733	52871	1.74%	0.190%

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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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35	17.700	2676	2680	2686	rBV3	44362	73954	2.43%	0.265%
36	18.200	2762	2765	2770	rBV	34641	40790	1.34%	0.146%
37	18.247	2770	2773	2779	rVV	35470	43278	1.42%	0.155%
38	18.371	2787	2794	2796	rBV2	28731	43856	1.44%	0.157%
39	18.400	2796	2799	2802	rVV2	41490	53445	1.76%	0.192%
40	18.430	2802	2804	2808	rVV	29529	37697	1.24%	0.135%
41	18.471	2808	2811	2816	rVB2	38401	48623	1.60%	0.175%
42	18.524	2816	2820	2823	rBV	39832	50698	1.67%	0.182%
43	18.589	2826	2831	2835	rBV5	24941	38963	1.28%	0.140%
44	18.689	2840	2848	2852	rVV2	524678	829509	27.30%	2.977%
45	18.724	2852	2854	2863	rVV2	223121	313513	10.32%	1.125%
46	18.818	2867	2870	2876	rVB2	33606	52781	1.74%	0.189%
47	18.983	2893	2898	2902	rVV4	24250	47696	1.57%	0.171%
48	19.194	2930	2934	2938	rBV3	35388	49320	1.62%	0.177%
49	19.806	3035	3038	3041	rBV4	29458	40833	1.34%	0.147%
50	19.959	3060	3064	3067	rBV	183866	262904	8.65%	0.944%
51	20.071	3080	3083	3086	rBV	34650	45471	1.50%	0.163%
52	20.253	3110	3114	3118	rBV	111393	134797	4.44%	0.484%
53	20.312	3121	3124	3129	rBV	140809	153176	5.04%	0.550%
54	20.365	3129	3133	3137	rBV	302543	363396	11.96%	1.304%
55	20.830	3208	3212	3219	rBV7	39707	73524	2.42%	0.264%
56	21.706	3357	3361	3367	rVV	59198	111783	3.68%	0.401%
57	21.771	3368	3372	3380	rVB10	75196	136428	4.49%	0.490%

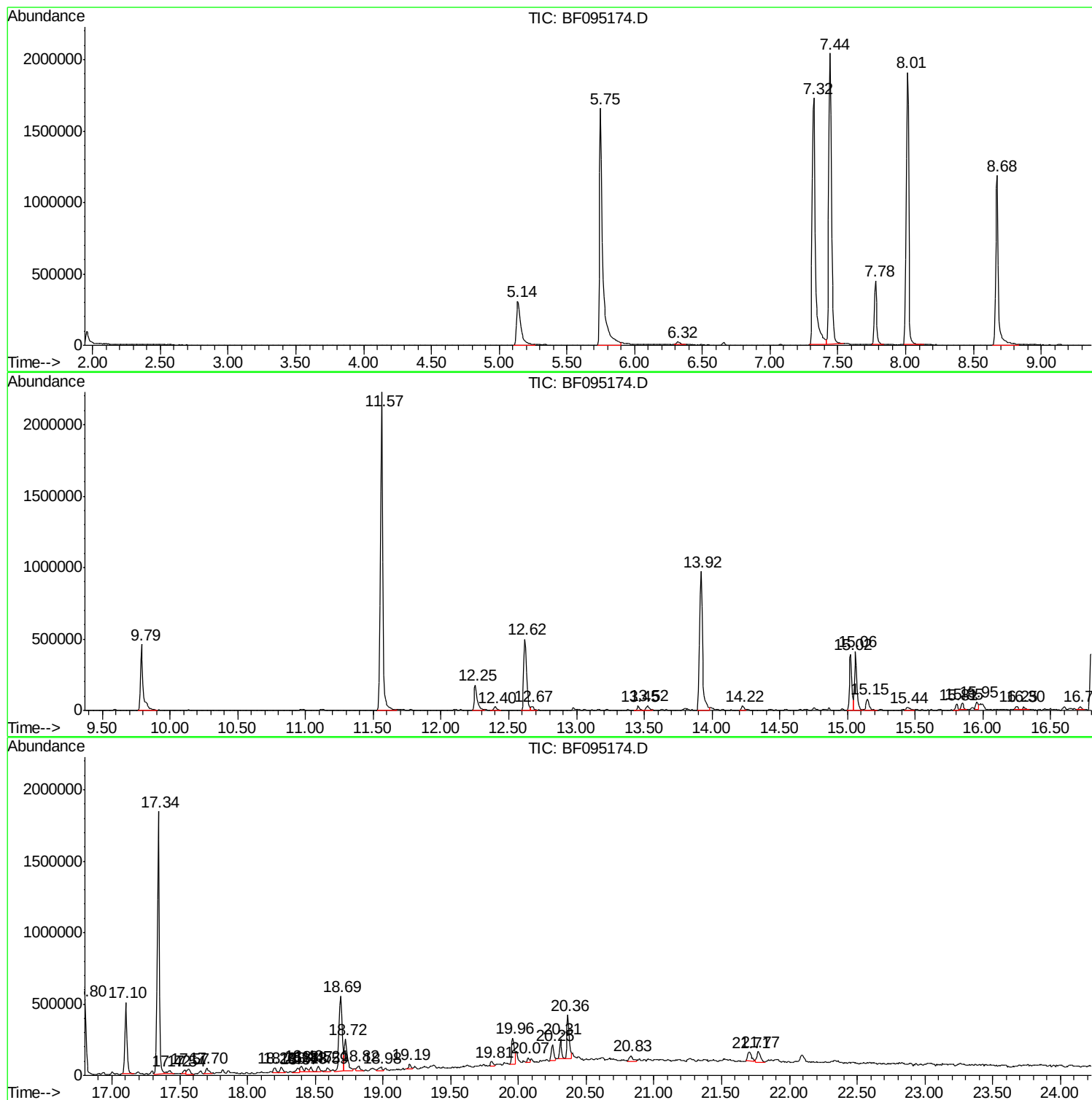
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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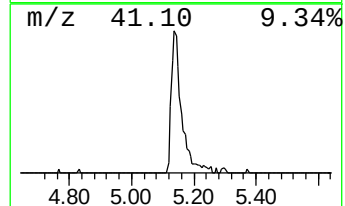
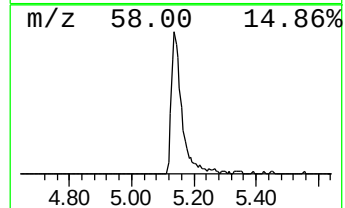
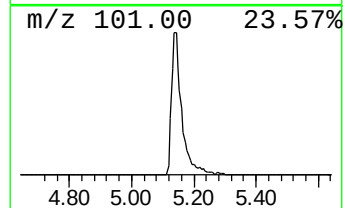
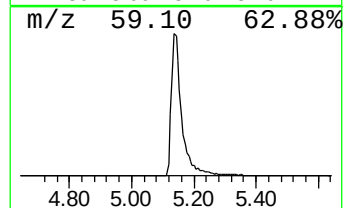
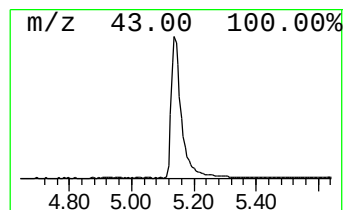
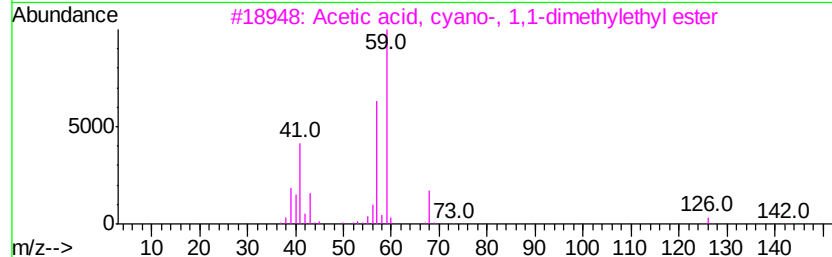
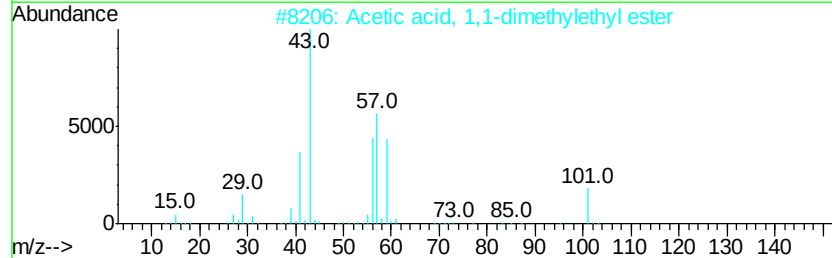
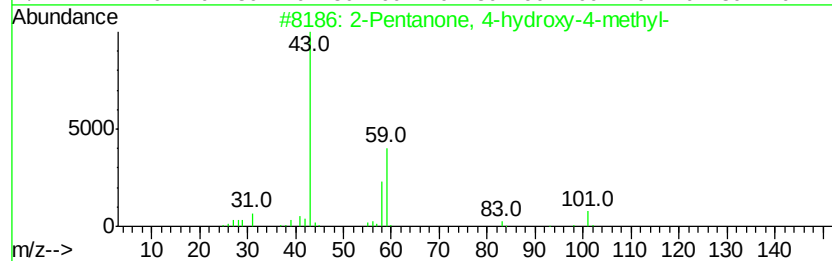
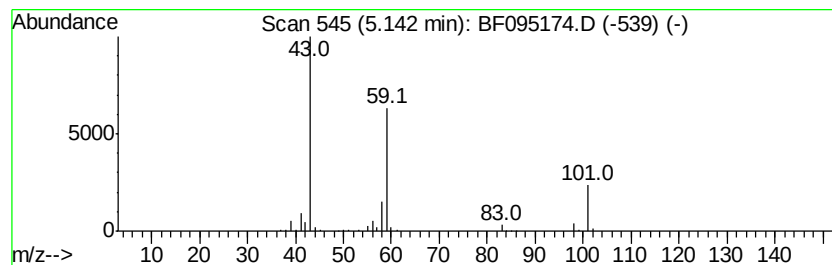
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	26.65 ng	702121	1,4-Dichlorobenzene-d4	7.78

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			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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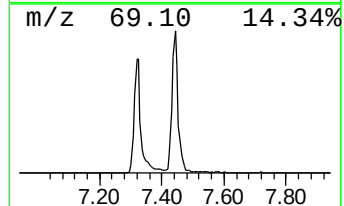
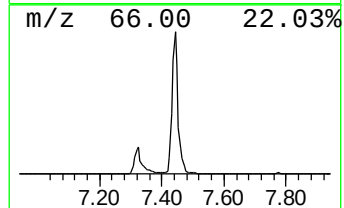
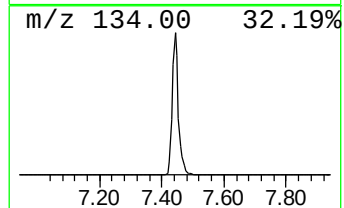
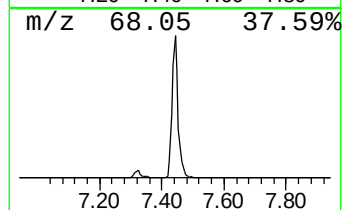
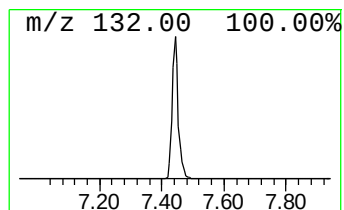
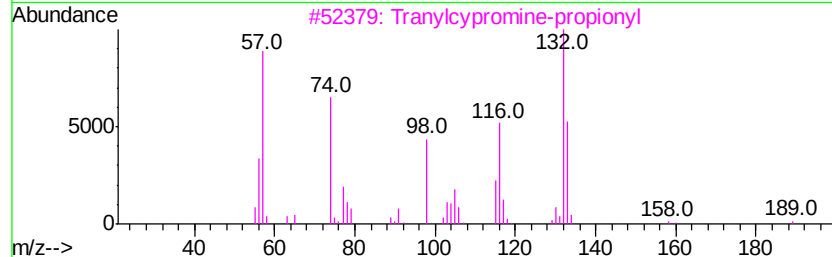
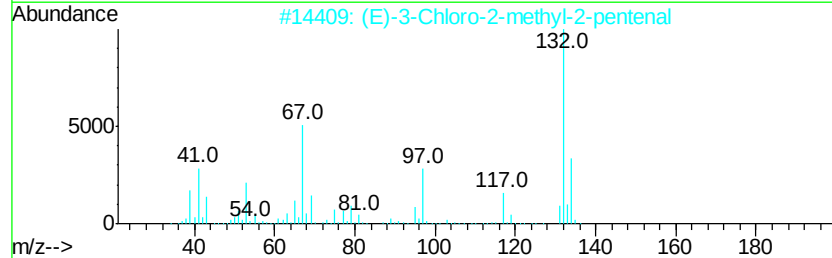
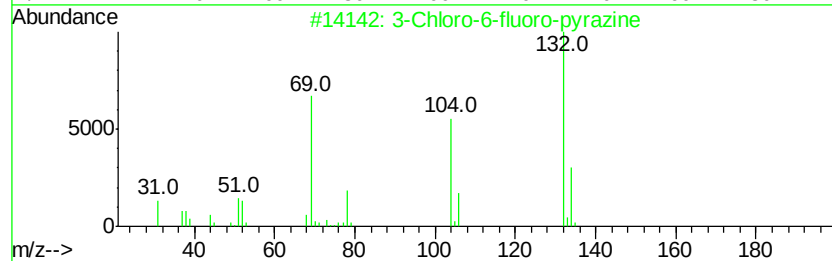
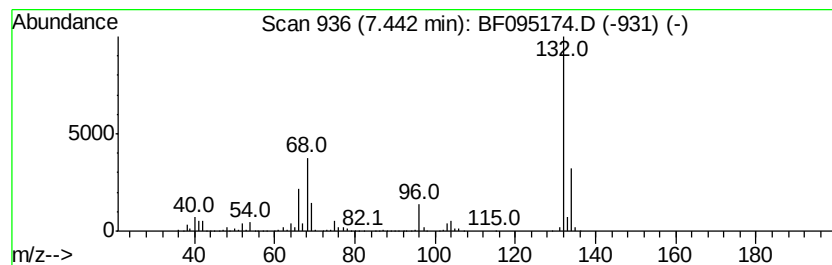
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Peak Number 2 unknown7.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	107.67 ng	2836230	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Xenon	132	Xe	007440-63-3	9



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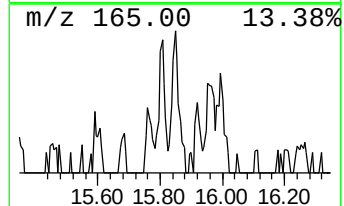
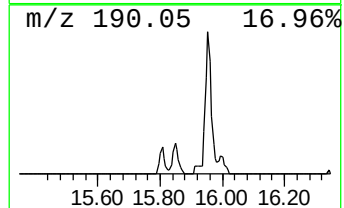
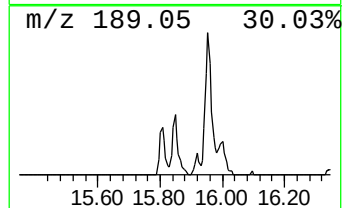
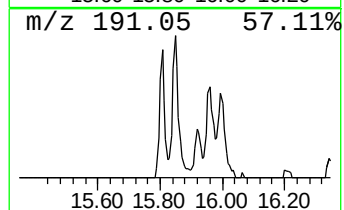
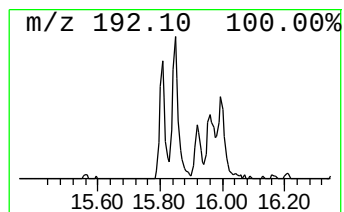
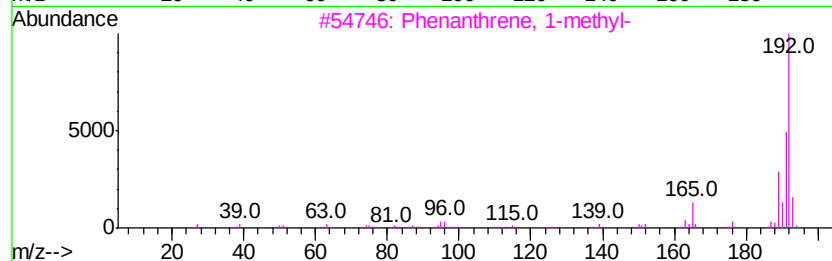
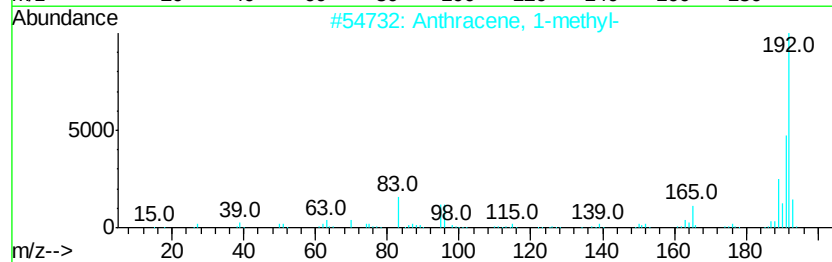
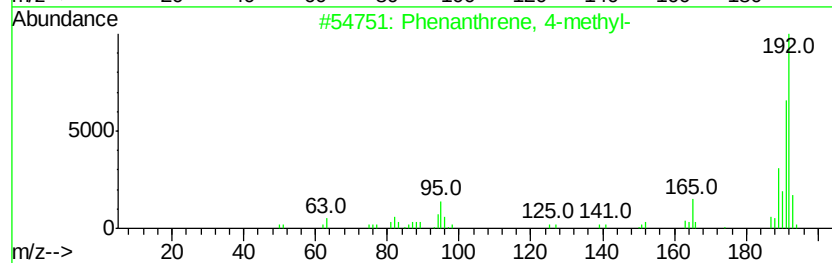
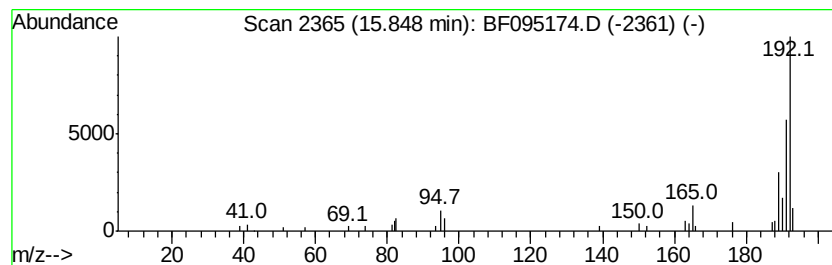
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.85	2.19 ng	54886	Phenanthrene-d10		15.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



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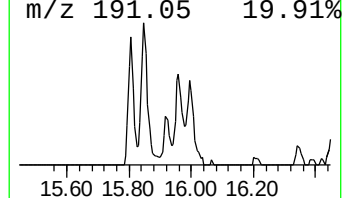
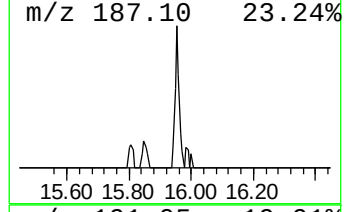
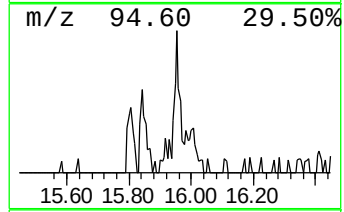
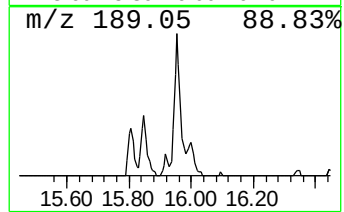
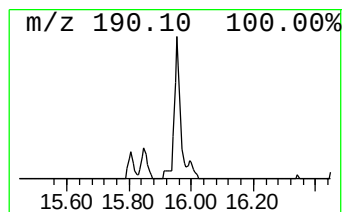
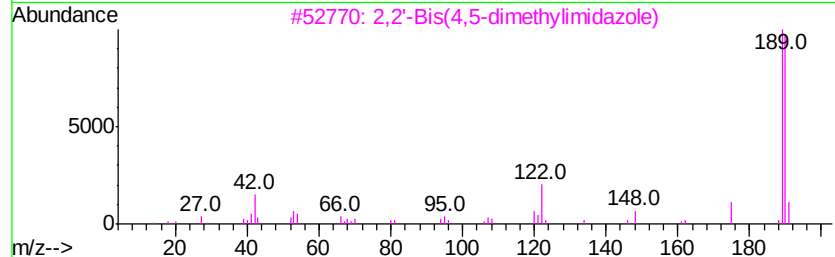
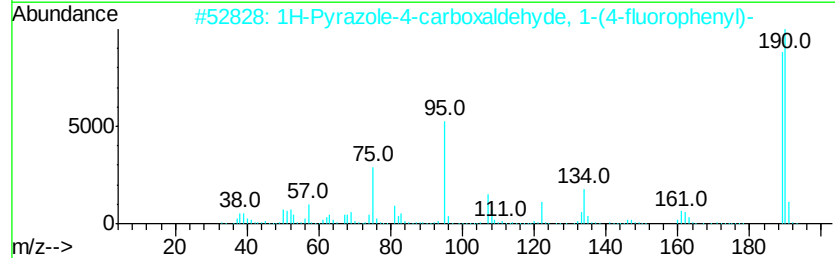
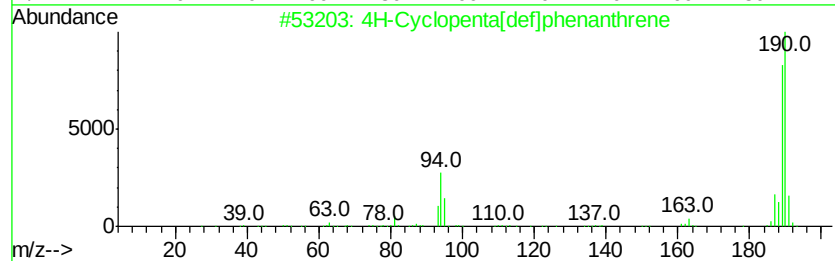
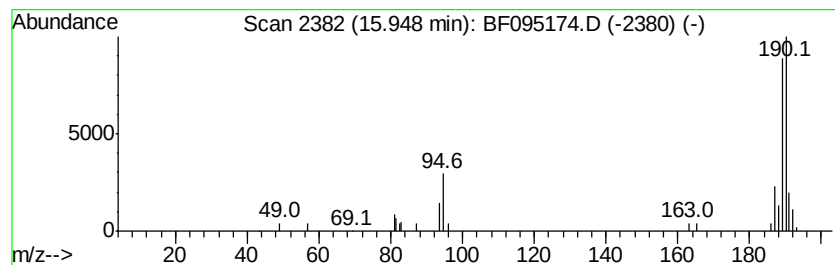
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.95	2.19 ng	54719	Phenanthrene-d10	15.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	38
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4		1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23
5		5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	22



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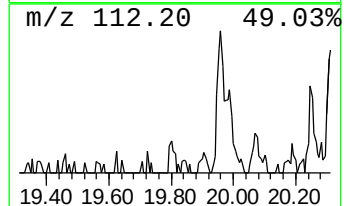
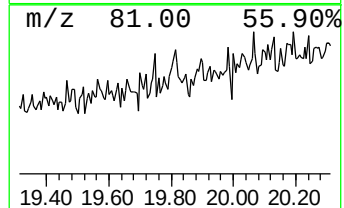
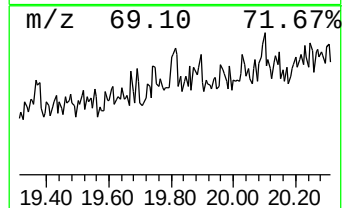
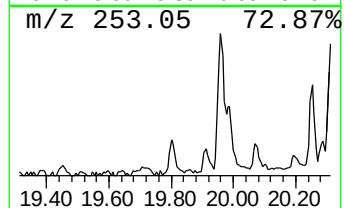
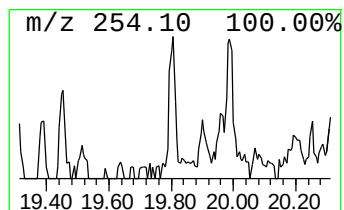
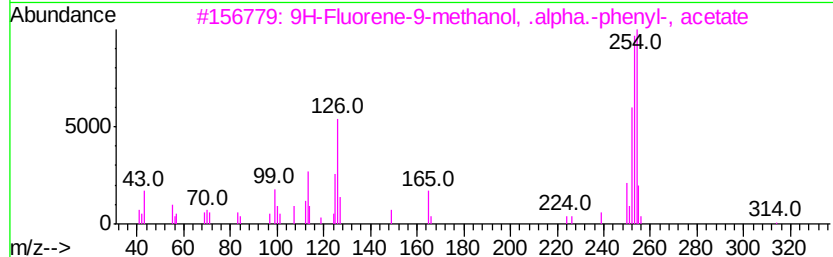
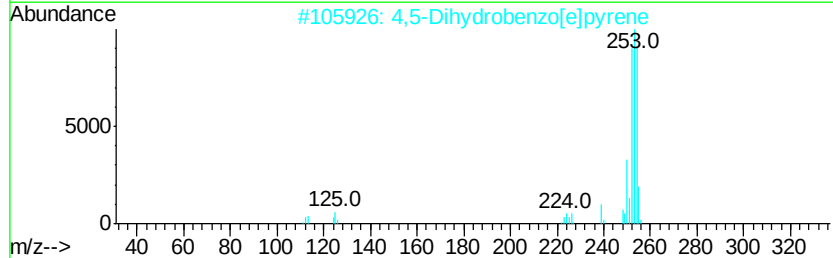
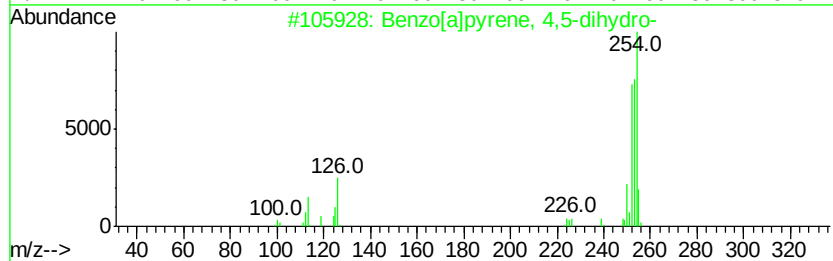
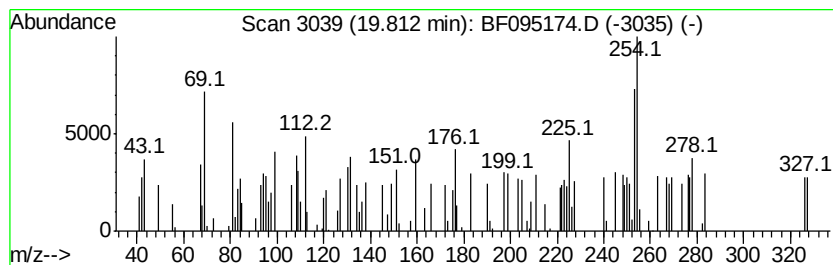
Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

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 6 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.25 ng	40833	Perylene-d12	20.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[a]pyrene, 4,5-dihydro-	254 C20H14	057652-66-1 50
2		4,5-Dihydrobenzo[e]pyrene	254 C20H14	095676-42-9 50
3		9H-Fluorene-9-methanol, .alpha.-...	314 C22H18O2	063839-89-4 50
4		1,2'-Binaphthalene	254 C20H14	004325-74-0 50
5		1,1'-Binaphthalene	254 C20H14	000604-53-5 50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095174.D
Acq On : 17 May 2017 00:48
Operator : SJ/MA
Sample : I3151-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

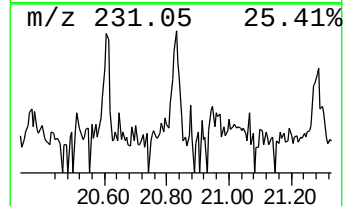
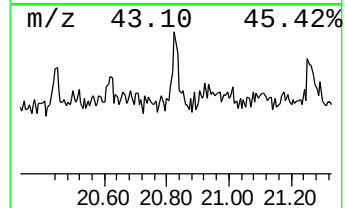
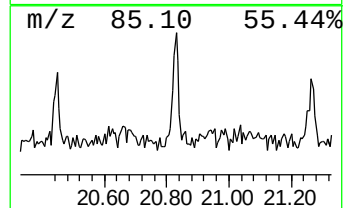
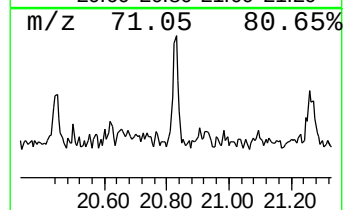
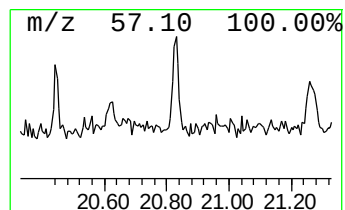
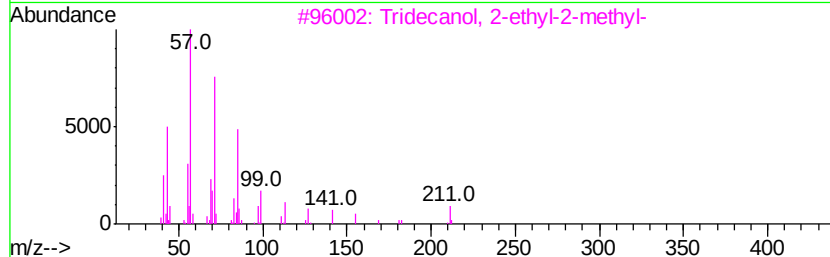
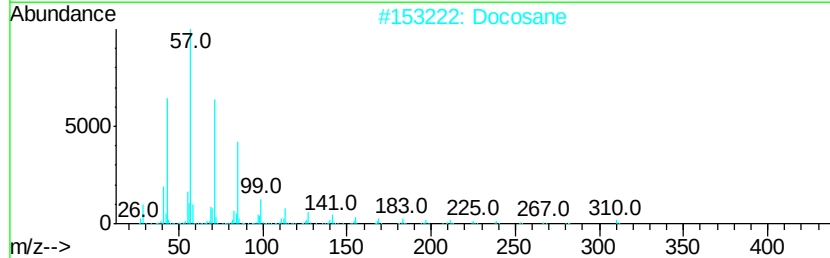
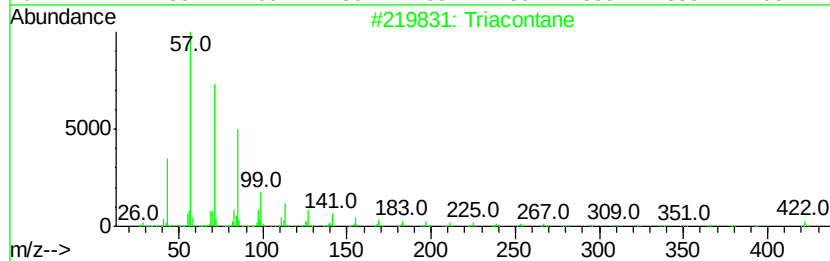
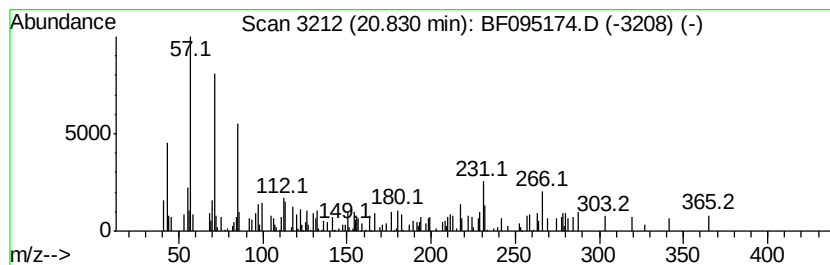
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown20.83 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.05 ng	73524	Perylene-d12	20.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	46
2		Docosane	310	C22H46	000629-97-0	46
3		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	46
4		Tetradecane	198	C14H30	000629-59-4	46
5		2-methyloctacosane	408	C29H60	1000376-72-8	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095174.D
Acq On : 17 May 2017 00:48
Operator : SJ/MA
Sample : I3151-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

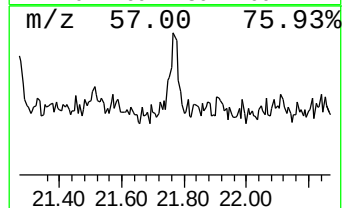
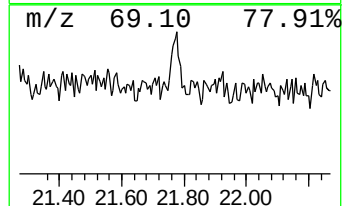
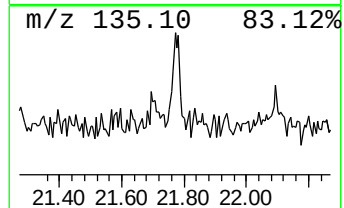
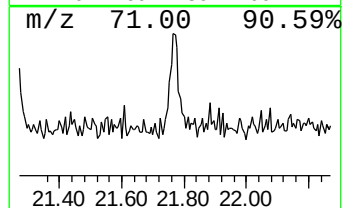
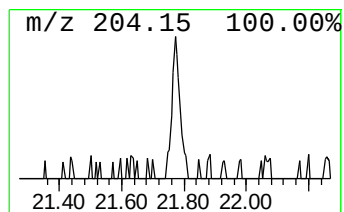
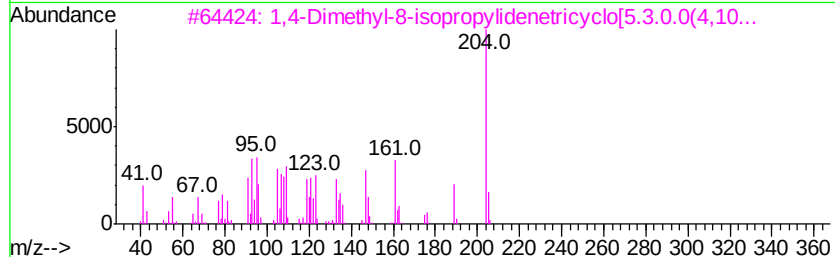
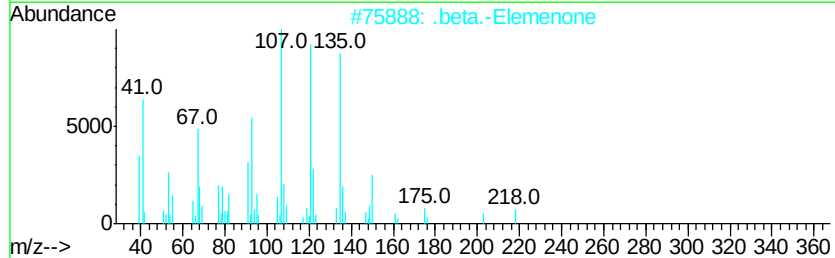
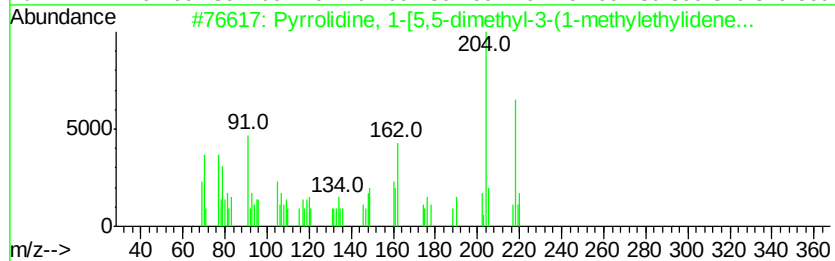
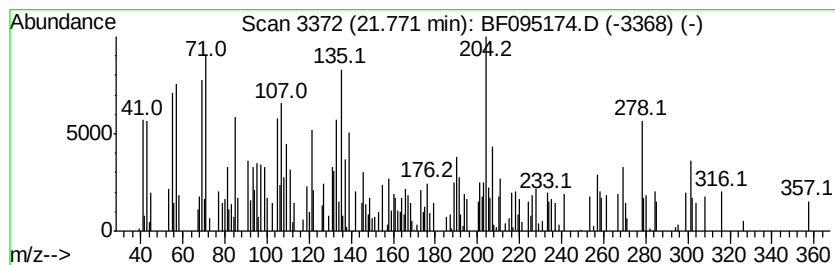
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown21.77 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	7.51 ng	136428	Perylene-d12	20.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrrolidine, 1-[5,5-dimethyl-3-(...	219	C15H25N	028017-82-5	46
2		.beta.-Elemenone	218	C15H22O	020303-60-0	40
3		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	25
4		Himachala-2,4-diene	204	C15H24	060909-27-5	15
5		L-Mannose, 6-deoxy-, diethyl mer...	270	C10H22O4S2	006748-70-5	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
Data File : BF095174.D
Acq On : 17 May 2017 00:48
Operator : SJ/MA
Sample : I3151-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	26.6	ng	702121	1	7.78	526824	20.0
unknown7.44	7.44	107.7	ng	2836230	1	7.78	526824	20.0
Phenanthrene, 4-m...	15.85	2.2	ng	54886	4	15.02	500774	20.0
4H-Cyclopenta[def...	15.95	2.2	ng	54719	4	15.02	500774	20.0
Benzo[a]pyrene, 4...	19.81	2.3	ng	40833	6	20.36	363396	20.0
Benzo[e]pyrene	20.25	7.4	ng	134797	6	20.36	363396	20.0
unknown20.83	20.83	4.0	ng	73524	6	20.36	363396	20.0
unknown21.77	21.77	7.5	ng	136428	6	20.36	363396	20.0