

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053502.D
 Acq On : 9 May 2022 20:57
 Operator : CG/JU
 Sample : N2739-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124055

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

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053502.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.182	298	305	313	rBV3	9874	20293	1.23%	0.192%
2	5.658	379	386	399	rBV	490429	819381	49.49%	7.749%
3	7.250	650	657	668	rBV	506467	896146	54.13%	8.475%
4	8.090	793	800	808	rVB	118962	199252	12.04%	1.884%
5	9.253	990	998	1010	rBV	311063	589229	35.59%	5.572%
6	10.898	1271	1278	1286	rBV	151994	277710	16.78%	2.626%
7	13.336	1686	1693	1703	rBV	768316	1214465	73.36%	11.485%
8	14.710	1919	1927	1935	rBV	252135	394379	23.82%	3.730%
9	16.197	2174	2180	2202	rBV	611628	981467	59.29%	9.282%
10	17.454	2388	2394	2399	rBV	320187	494093	29.85%	4.673%
11	17.501	2399	2402	2409	rVV2	53372	74420	4.50%	0.704%
12	17.589	2409	2417	2423	rVB2	10750	18324	1.11%	0.173%
13	18.335	2539	2544	2548	rBV4	17919	30174	1.82%	0.285%
14	18.382	2548	2552	2559	rVB4	12581	22644	1.37%	0.214%
15	18.535	2570	2578	2581	rBV3	21584	38152	2.30%	0.361%
16	19.386	2718	2723	2730	rBV3	15062	26741	1.62%	0.253%
17	19.504	2737	2743	2749	rBV	200187	277902	16.79%	2.628%
18	19.833	2794	2799	2801	rBV2	34024	51948	3.14%	0.491%
19	19.868	2801	2805	2813	rVV	167042	254917	15.40%	2.411%
20	20.056	2831	2837	2843	rBV	1252483	1655498	100.00%	15.656%
21	20.115	2843	2847	2854	rVB3	10345	17004	1.03%	0.161%
22	20.191	2854	2860	2867	rBV4	14087	35379	2.14%	0.335%
23	20.356	2877	2888	2893	rBV2	34773	71419	4.31%	0.675%
24	20.456	2900	2905	2909	rBV	22265	32931	1.99%	0.311%
25	20.520	2909	2916	2919	rVV2	17108	34496	2.08%	0.326%
26	20.655	2935	2939	2943	rBV3	12977	17287	1.04%	0.163%
27	21.307	3046	3050	3054	rBV3	18025	24579	1.48%	0.232%
28	21.354	3054	3058	3063	rVV4	55133	95473	5.77%	0.903%
29	21.401	3064	3066	3071	rVV2	25223	38110	2.30%	0.360%
30	21.448	3072	3074	3084	rVB5	10277	23635	1.43%	0.224%
31	21.601	3094	3100	3104	rBV4	17768	30954	1.87%	0.293%
32	21.736	3113	3123	3128	rBV2	335422	692301	41.82%	6.547%
33	21.783	3128	3131	3137	rVB	63364	99605	6.02%	0.942%
34	21.936	3154	3157	3164	rVB2	17210	28699	1.73%	0.271%
35	22.905	3316	3322	3329	rBV5	23843	49198	2.97%	0.465%
36	23.234	3372	3378	3384	rVB9	10512	26777	1.62%	0.253%

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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

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	23.969	3495	3503	3511	rBV2	48979	167007	10.09%	1.579%
38	24.709	3621	3629	3642	rVB2	30286	89443	5.40%	0.846%
39	24.861	3646	3655	3664	rVB2	34718	105145	6.35%	0.994%
40	25.014	3670	3681	3692	rBV2	186049	557486	33.67%	5.272%

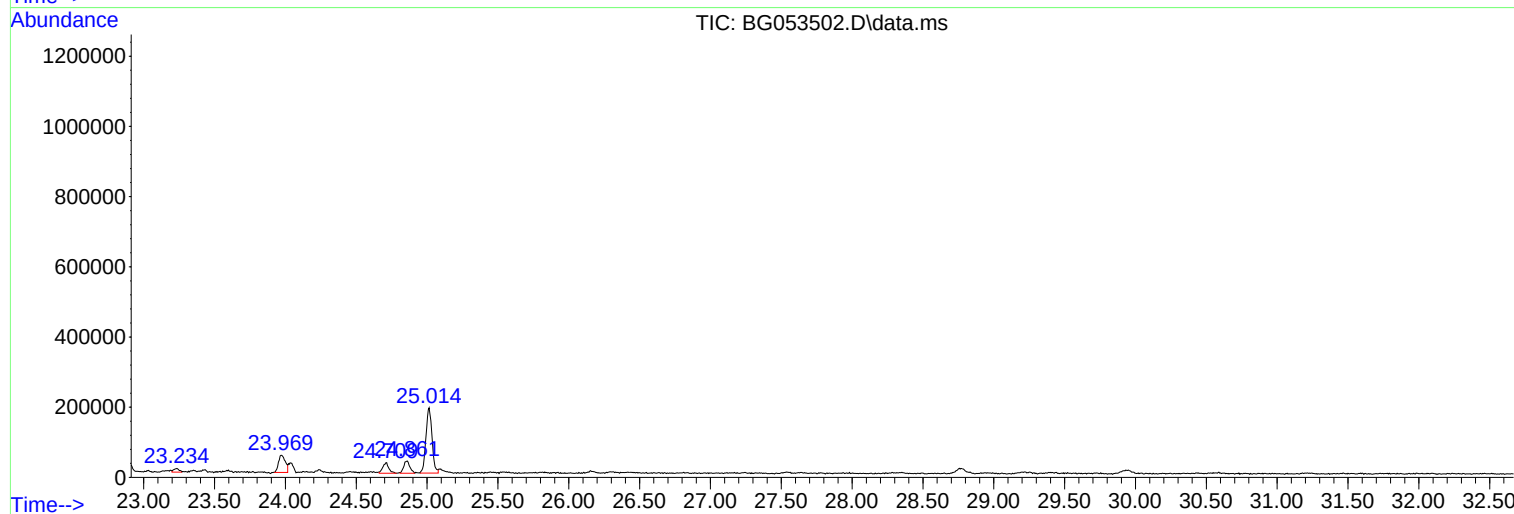
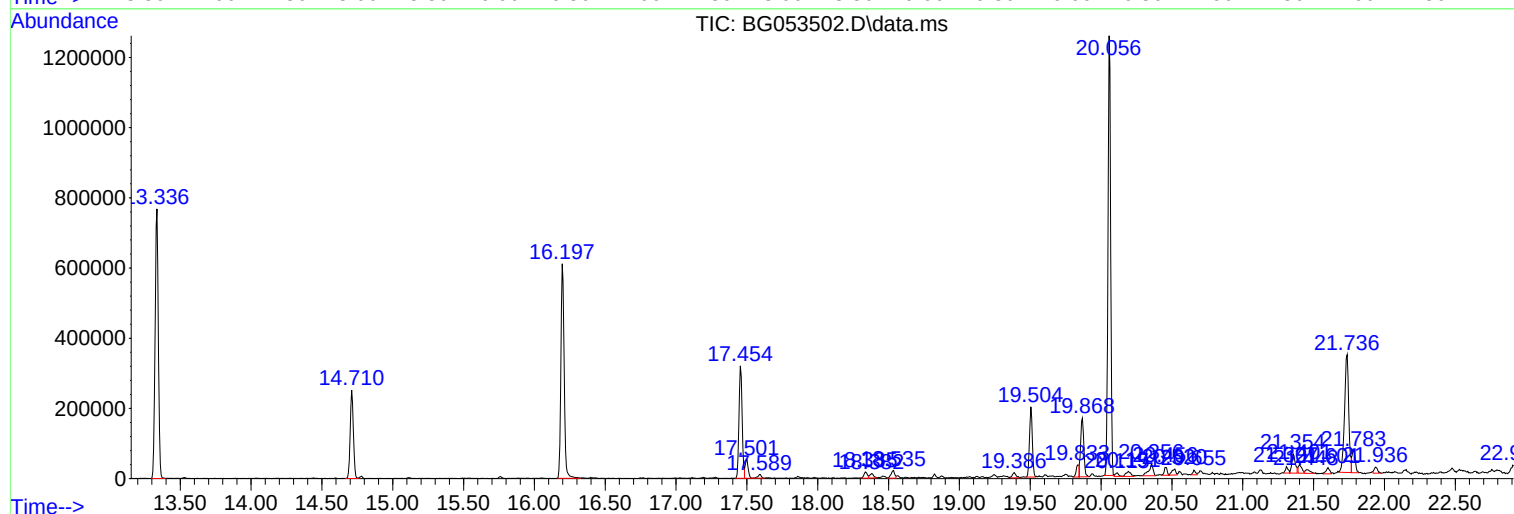
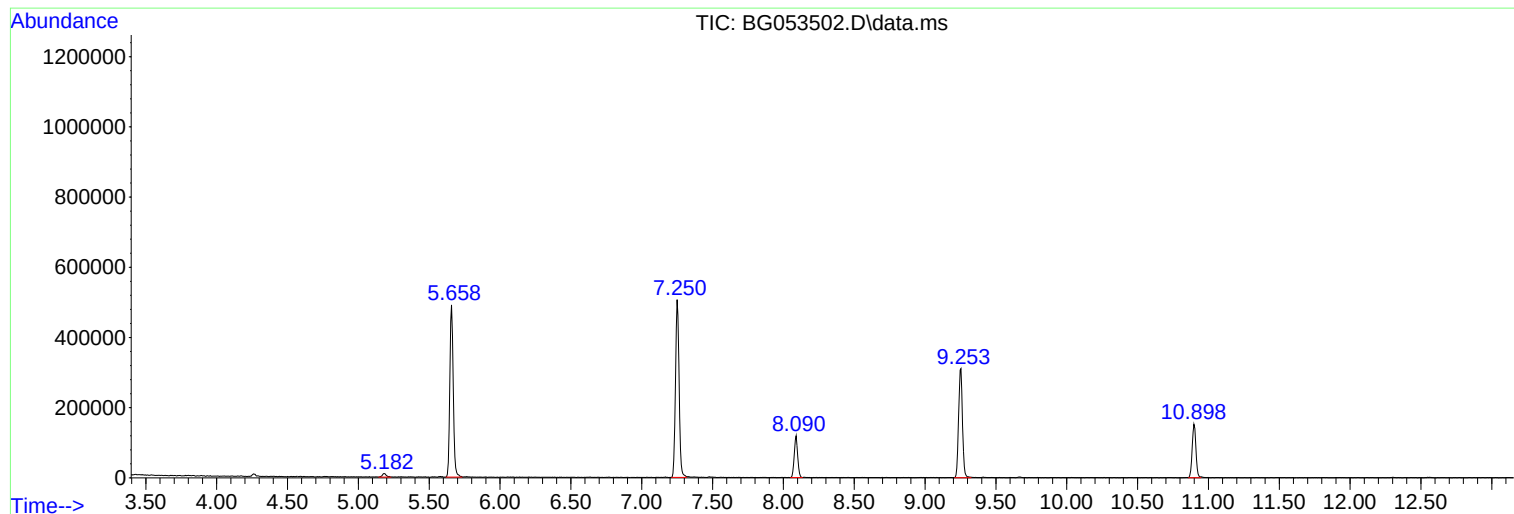
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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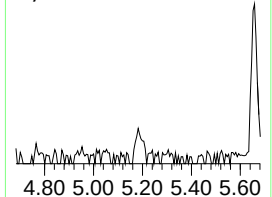
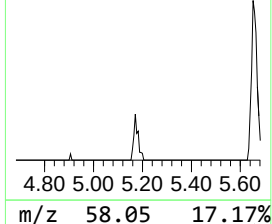
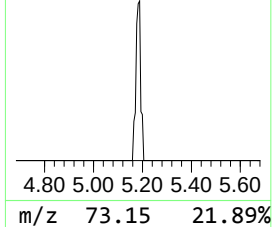
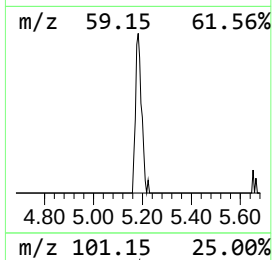
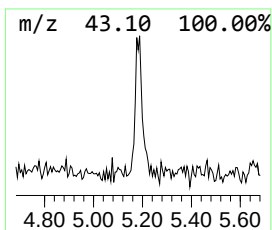
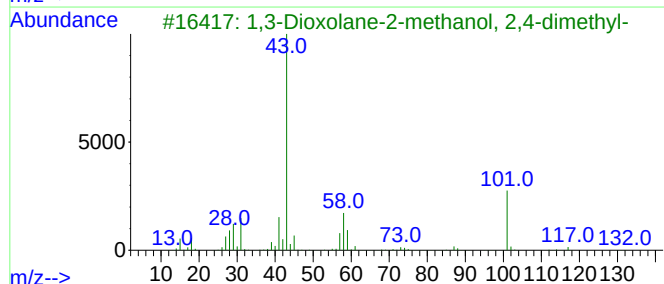
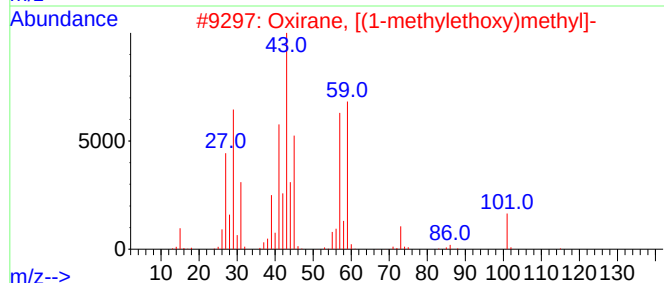
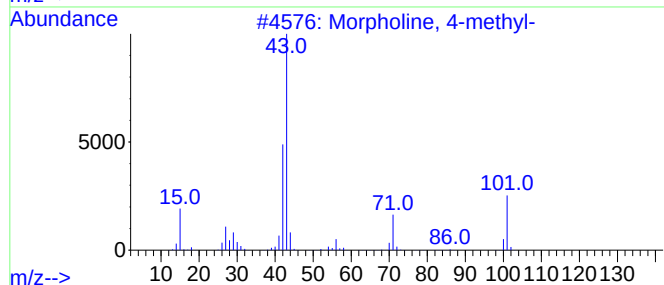
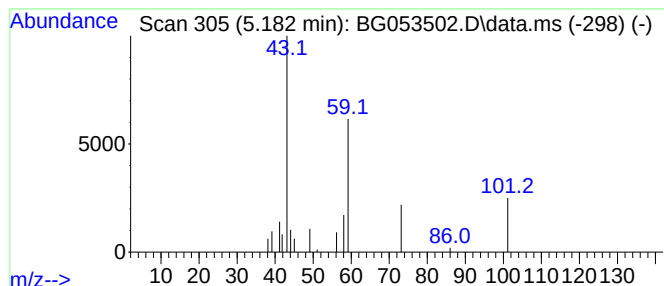
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.182 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.182	2.04 ng	20293	1,4-Dichlorobenzene-d4	8.090

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
2			Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9
3			1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9
4			Silane, trimethyl-	74	C3H10Si	000993-07-7	9
5			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9



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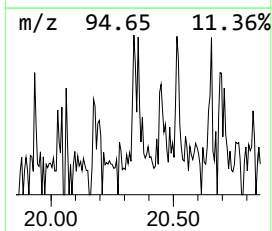
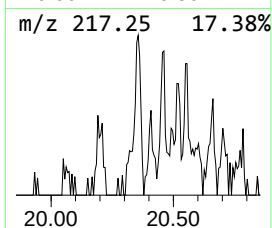
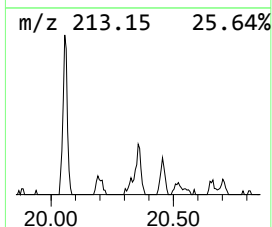
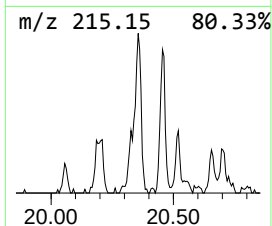
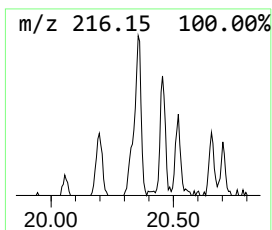
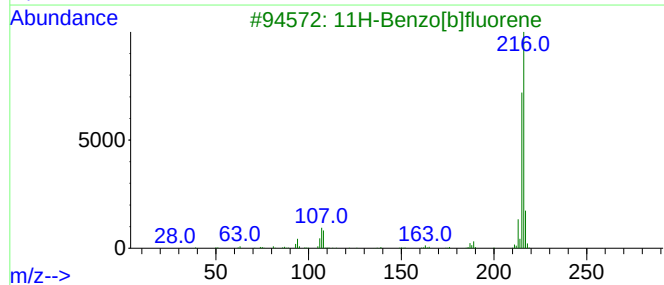
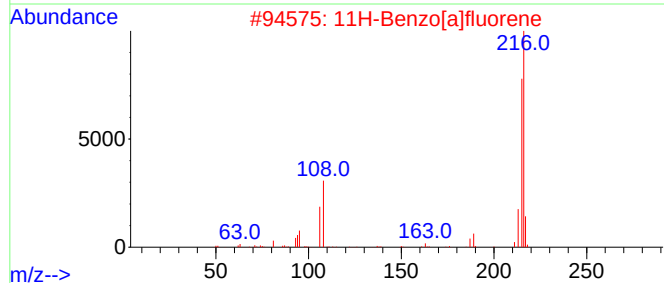
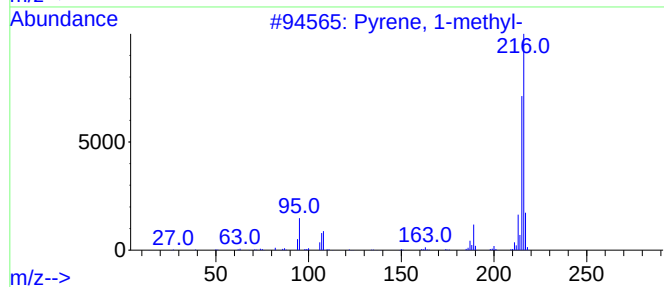
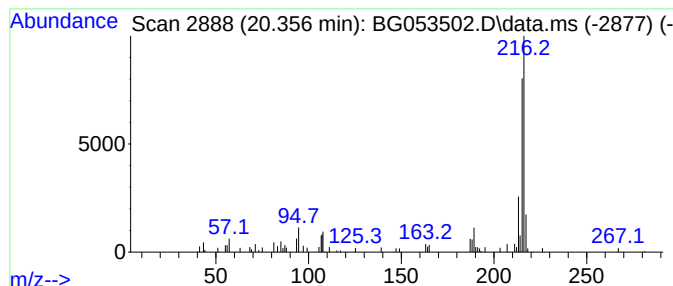
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pyrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.356	2.06 ng	71419	Chrysene-d12	21.736

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	81



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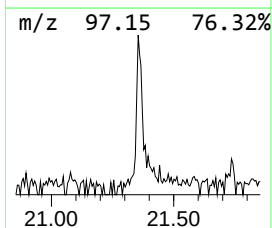
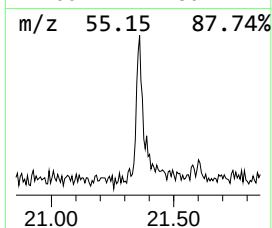
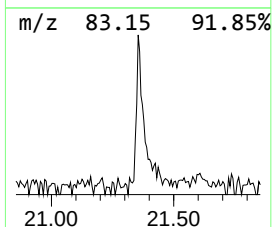
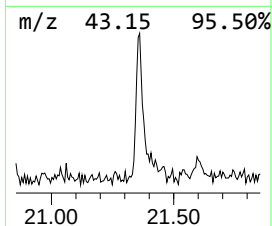
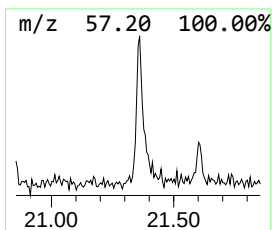
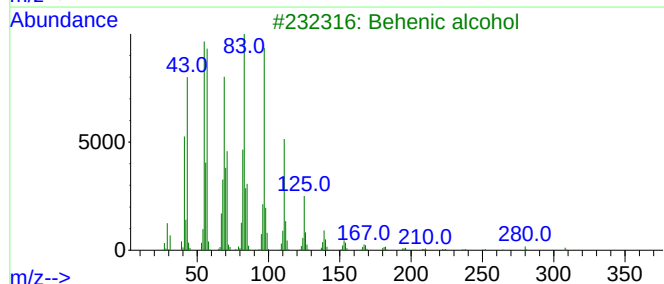
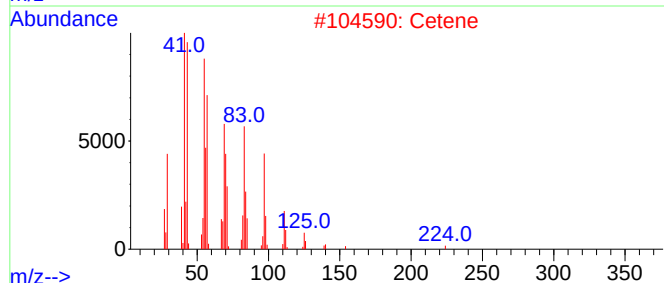
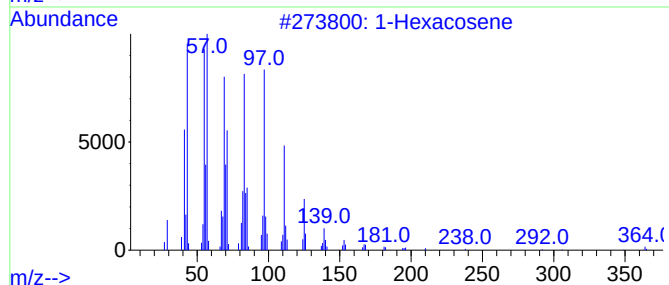
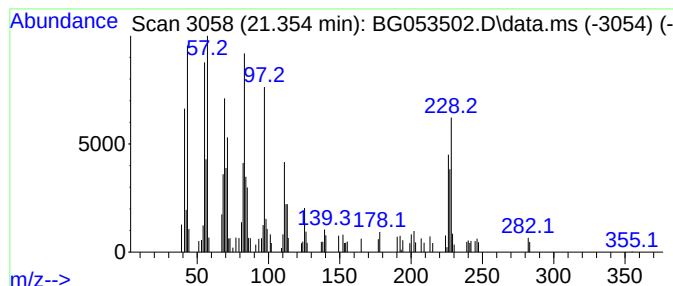
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.354	2.76 ng	95473	Chrysene-d12	21.736

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexacosene	364	C26H52	018835-33-1	90
2			Cetene	224	C16H32	000629-73-2	78
3			Behenic alcohol	326	C22H46O	000661-19-8	60
4			1-Heneicosanol	312	C21H44O	015594-90-8	60
5			Heptacosyl acetate	438	C29H58O2	1000351-78-2	60



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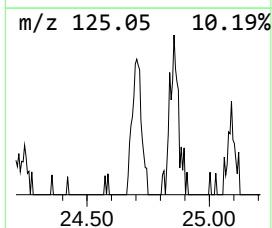
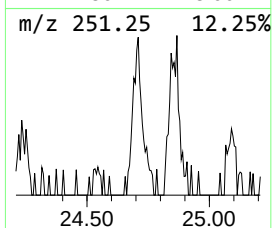
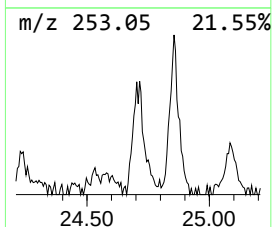
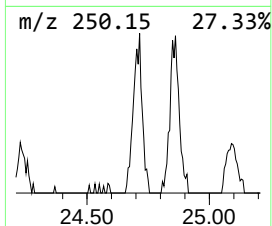
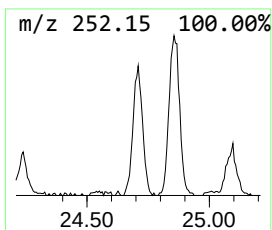
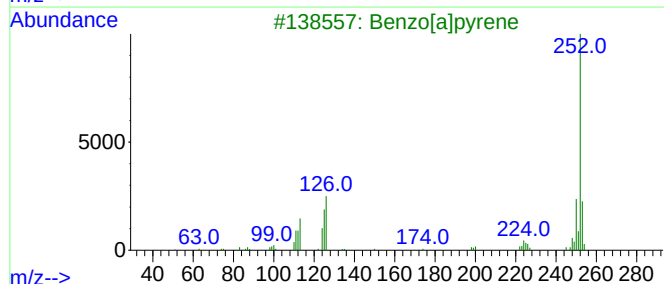
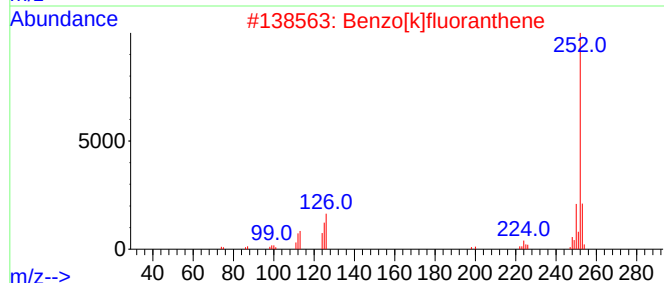
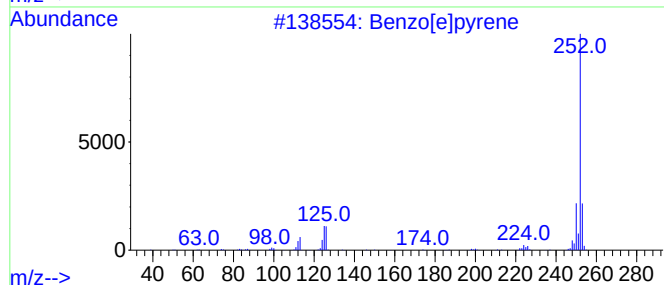
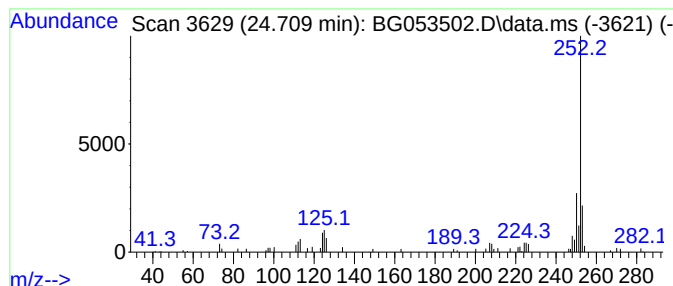
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.709	3.21 ng	89443	Perylene-d12	25.014

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	90
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3			Benzo[a]pyrene	252	C20H12	000050-32-8	90
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	86



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown5.182	5.182	2.0	ng	20293	1	8.090	199252	20.0
Pyrene, 1-methyl-	20.356	2.1	ng	71419	5	21.736	692301	20.0
1-Hexacosene	21.354	2.8	ng	95473	5	21.736	692301	20.0
Benzo[e]pyrene	24.709	3.2	ng	89443	6	25.014	557486	20.0