

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039232.D
 Acq On : 30 Mar 2023 18:32
 Operator : CG/JU
 Sample : 02023-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-11-TEST-PIT-ON-CENTRAL

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_M\Methods\8270-BM032923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039232.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.016	288	294	305	rVB	2126480	2899330	26.40%	2.969%
2	5.481	367	373	384	rBV	4492596	6501083	59.19%	6.657%
3	7.093	638	647	662	rBV	4249318	6615477	60.23%	6.774%
4	7.922	781	788	796	rBV	930784	1411128	12.85%	1.445%
5	9.092	979	987	1000	rBV	2581120	4171306	37.98%	4.271%
6	10.734	1254	1266	1272	rBV	1138055	1922238	17.50%	1.968%
7	12.392	1542	1548	1556	rVB	97837	161148	1.47%	0.165%
8	12.610	1580	1585	1592	rVB	97527	161603	1.47%	0.165%
9	13.192	1676	1684	1694	rBV	5863430	8353589	76.05%	8.554%
10	13.892	1797	1803	1807	rBV	132300	228252	2.08%	0.234%
11	14.022	1822	1825	1834	rVB2	83819	155193	1.41%	0.159%
12	14.122	1835	1842	1845	rBV	121409	187675	1.71%	0.192%
13	14.292	1862	1871	1879	rBV	409324	696835	6.34%	0.714%
14	14.392	1884	1888	1896	rVV5	57010	110922	1.01%	0.114%
15	14.569	1907	1918	1924	rBV	1599004	2414087	21.98%	2.472%
16	14.627	1924	1928	1936	rVB	158399	278738	2.54%	0.285%
17	14.780	1948	1954	1961	rVB3	46024	115666	1.05%	0.118%
18	14.963	1980	1985	1992	rVB	148107	237076	2.16%	0.243%
19	15.039	1993	1998	2002	rVB	117721	152150	1.39%	0.156%
20	15.180	2010	2022	2027	rBV4	271298	903062	8.22%	0.925%
21	15.616	2090	2096	2108	rVB2	348138	628188	5.72%	0.643%
22	15.821	2127	2131	2140	rBV5	75054	132045	1.20%	0.135%
23	15.927	2141	2149	2158	rVB	1264781	1793628	16.33%	1.837%
24	16.057	2162	2171	2179	rBV	4577423	6474532	58.95%	6.629%
25	16.292	2204	2211	2217	rBV3	164336	289201	2.63%	0.296%
26	16.492	2241	2245	2249	rVB3	83166	118672	1.08%	0.122%
27	16.616	2259	2266	2271	rBV2	154828	313468	2.85%	0.321%
28	16.668	2271	2275	2280	rVV2	111792	150940	1.37%	0.155%
29	16.768	2288	2292	2297	rVB	115968	157900	1.44%	0.162%
30	17.133	2349	2354	2362	rVB	165905	260453	2.37%	0.267%
31	17.315	2379	2385	2389	rBV	1926377	2718676	24.75%	2.784%
32	17.357	2389	2392	2399	rVV	936101	1219424	11.10%	1.249%
33	17.445	2403	2407	2412	rVV	425956	596522	5.43%	0.611%
34	17.510	2412	2418	2423	rVV3	68635	147968	1.35%	0.152%
35	17.898	2480	2484	2490	rVB	120748	176603	1.61%	0.181%
36	18.039	2504	2508	2514	rBV	76842	138324	1.26%	0.142%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.210	2529	2537	2540	rBV2	729398	1557415	14.18%	1.595%
38	18.239	2540	2542	2549	rVV	513356	709432	6.46%	0.726%
39	18.321	2552	2556	2561	rVV	235822	367021	3.34%	0.376%
40	18.386	2561	2567	2571	rVV2	813880	1515091	13.79%	1.551%
41	18.421	2571	2573	2583	rVB	376776	481875	4.39%	0.493%
42	18.692	2615	2619	2623	rBV2	169612	214470	1.95%	0.220%
43	18.939	2658	2661	2666	rVV	98163	120215	1.09%	0.123%
44	18.992	2666	2670	2673	rVV	172769	222383	2.02%	0.228%
45	19.033	2673	2677	2680	rVB	142826	189214	1.72%	0.194%
46	19.115	2686	2691	2695	rBV	421279	689816	6.28%	0.706%
47	19.180	2696	2702	2704	rBV3	213949	373539	3.40%	0.382%
48	19.245	2710	2713	2716	rBV	132396	211546	1.93%	0.217%
49	19.374	2730	2735	2741	rBV	1738153	2193804	19.97%	2.246%
50	19.486	2749	2754	2757	rBV2	265919	421847	3.84%	0.432%
51	19.521	2758	2760	2765	rVB	143774	176780	1.61%	0.181%
52	19.615	2773	2776	2779	rBV	99363	138492	1.26%	0.142%
53	19.733	2788	2796	2805	rVV	2643061	4085692	37.20%	4.183%
54	19.809	2805	2809	2815	rVB2	196199	298167	2.71%	0.305%
55	19.939	2826	2831	2836	rBV	9340877	10984003	100.00%	11.247%
56	20.056	2847	2851	2861	rBV4	249321	559448	5.09%	0.573%
57	20.227	2871	2880	2888	rVB2	514669	1247119	11.35%	1.277%
58	20.333	2894	2898	2902	rVB	377283	466753	4.25%	0.478%
59	20.392	2903	2908	2911	rVV	489165	626588	5.70%	0.642%
60	20.527	2927	2931	2935	rBV	479013	596446	5.43%	0.611%
61	20.574	2935	2939	2943	rVB	415910	513060	4.67%	0.525%
62	21.145	3034	3036	3039	rVB2	154659	163627	1.49%	0.168%
63	21.203	3040	3046	3053	rBV3	665893	1245987	11.34%	1.276%
64	21.498	3089	3096	3100	rBV2	2940259	5319732	48.43%	5.447%
65	21.533	3100	3102	3109	rVB	1050698	1368154	12.46%	1.401%
66	22.080	3192	3195	3199	rVB	305023	342122	3.11%	0.350%
67	23.180	3377	3382	3387	rBV	575273	1350949	12.30%	1.383%
68	23.697	3466	3470	3479	rVB	528944	984826	8.97%	1.008%
69	23.803	3483	3488	3495	rVB	864282	1704752	15.52%	1.746%
70	23.915	3501	3507	3513	rBV2	1678118	3229038	29.40%	3.306%

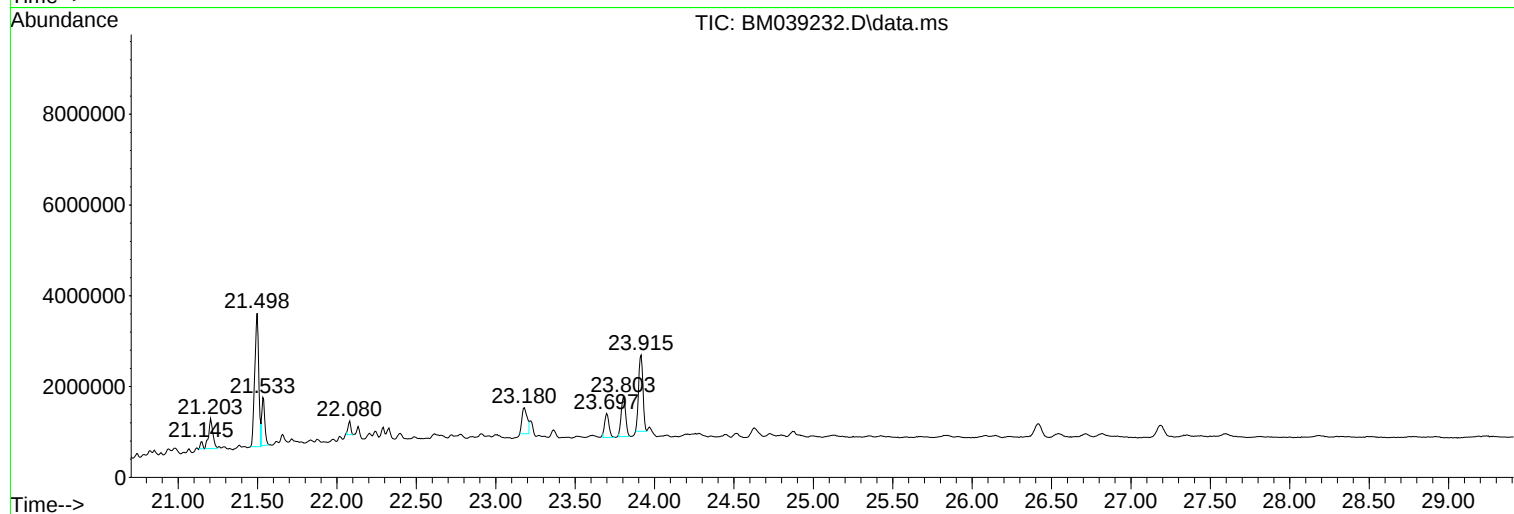
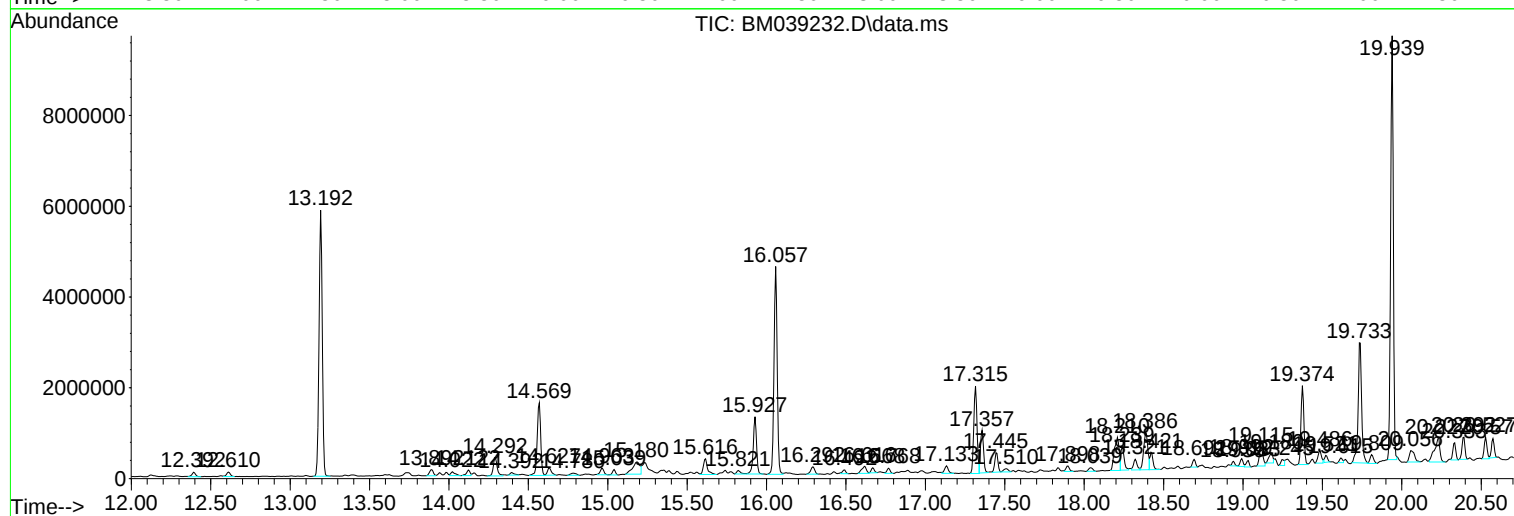
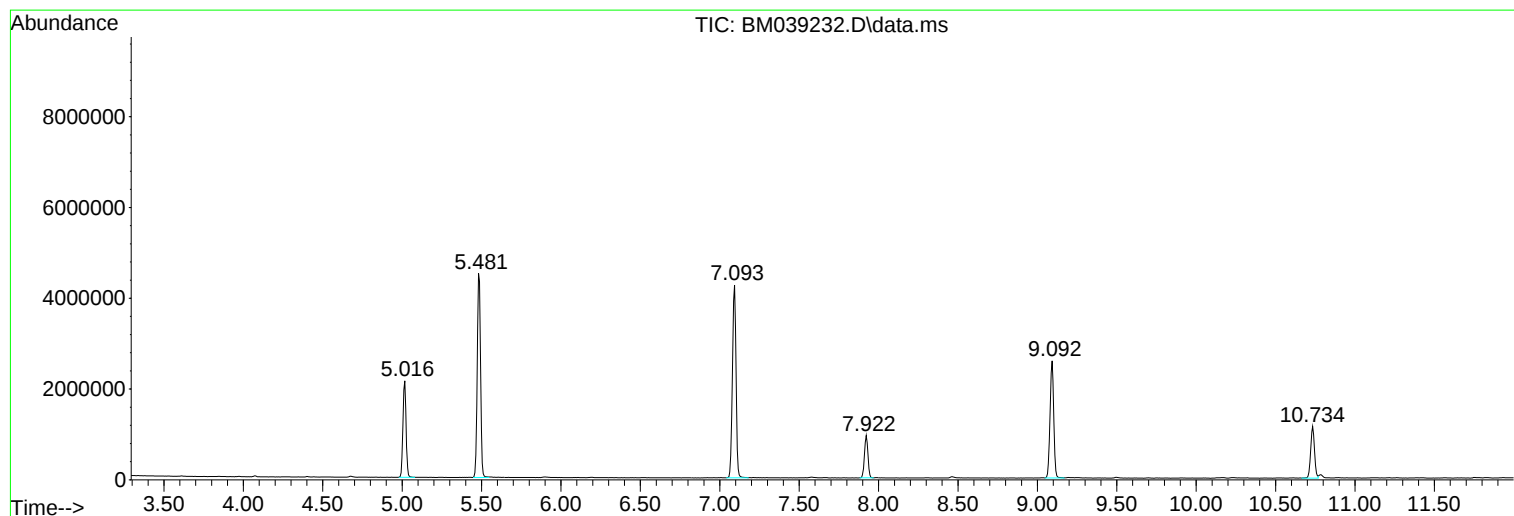
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : 02023-01
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Instrument :
BNA_M
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TP-11-TEST-PIT-ON-CENTRAL

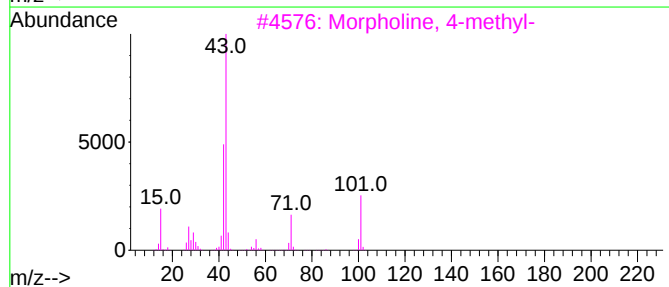
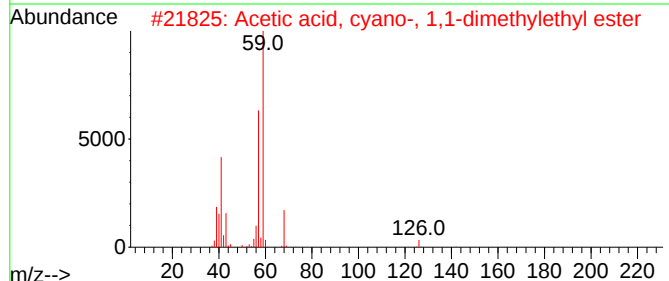
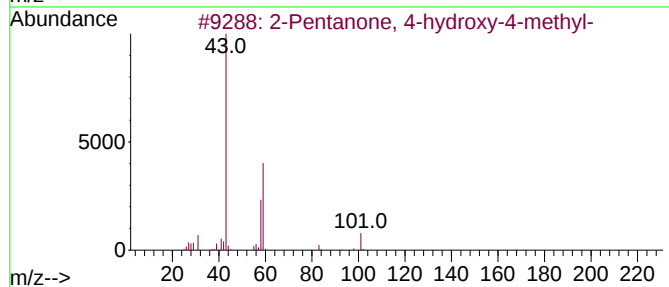
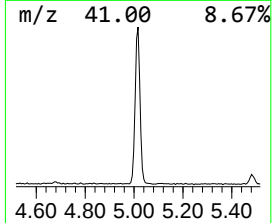
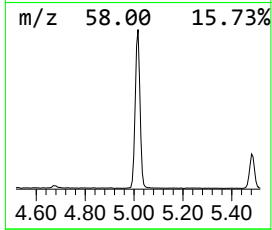
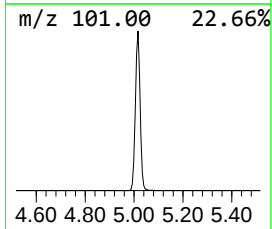
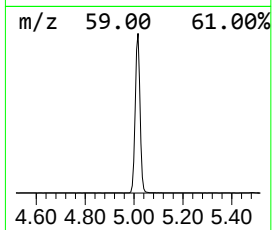
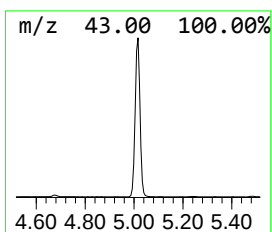
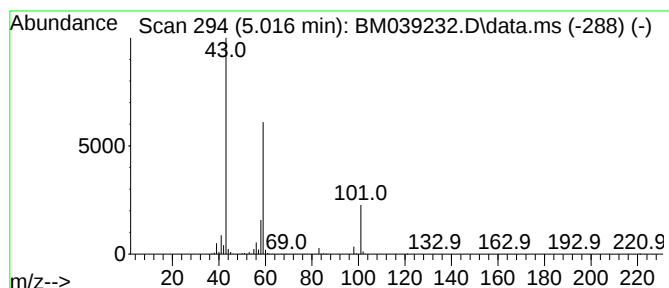
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	41.09 ng	2899330	1,4-Dichlorobenzene-d4	7.922

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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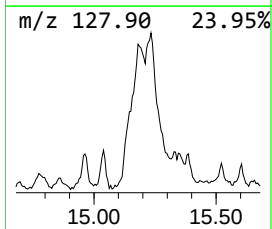
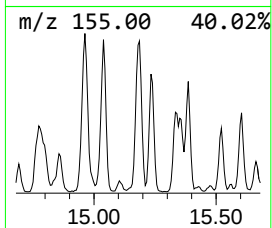
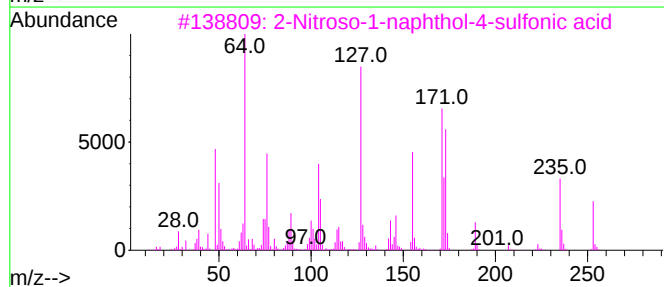
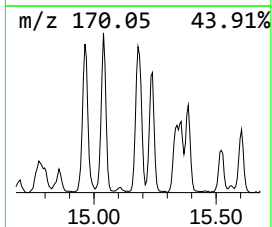
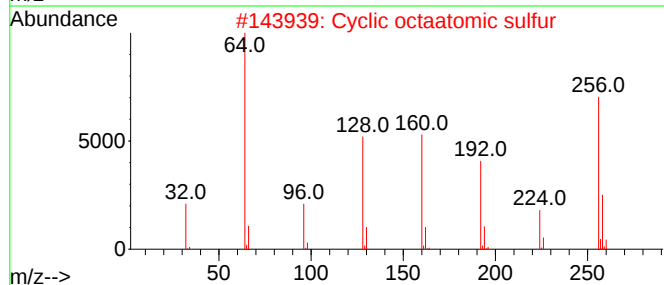
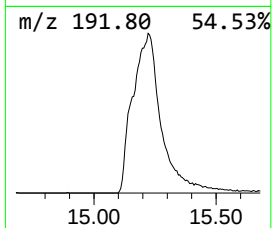
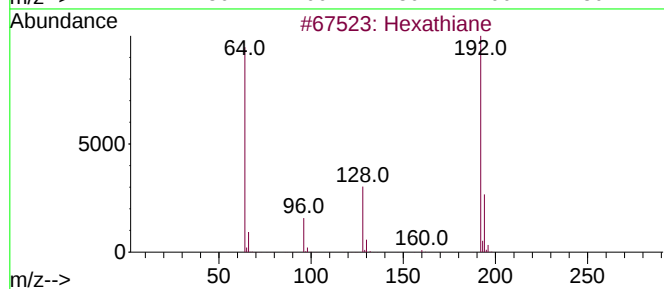
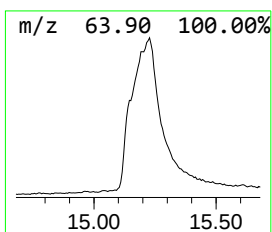
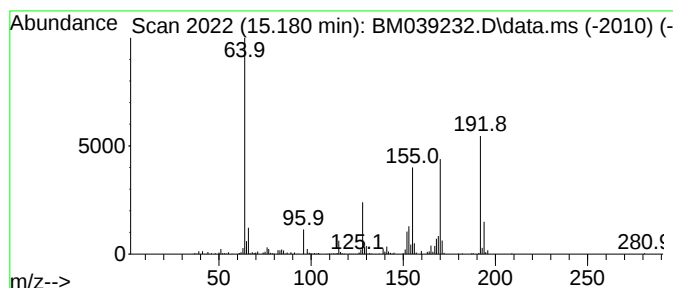
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Hexathiane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	7.48 ng	903062	Acenaphthene-d10	14.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexathiane	192	S6	013798-23-7	81
2			Cyclic octaatomic sulfur	256	S8	010544-50-0	34
3			2-Nitroso-1-naphthol-4-sulfonic ...	253	C10H7NO5S	003682-32-4	9
4			2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	7
5			Sulfur dioxide	64	O2S	007446-09-5	4



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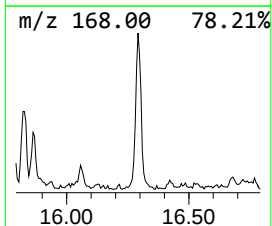
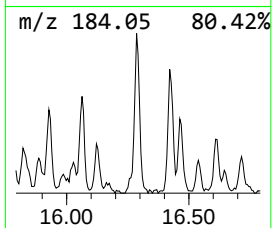
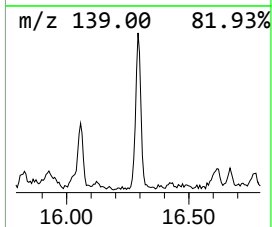
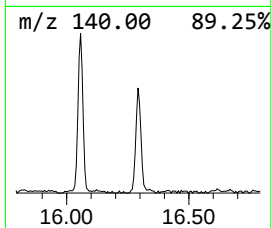
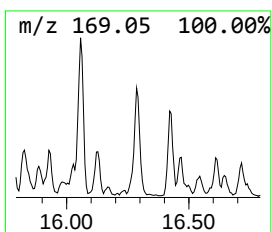
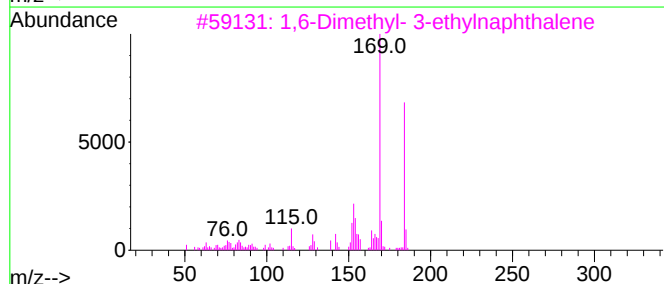
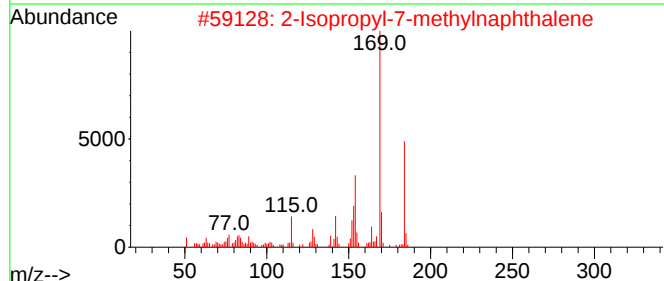
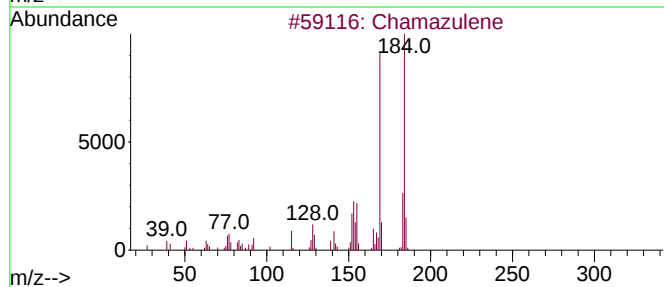
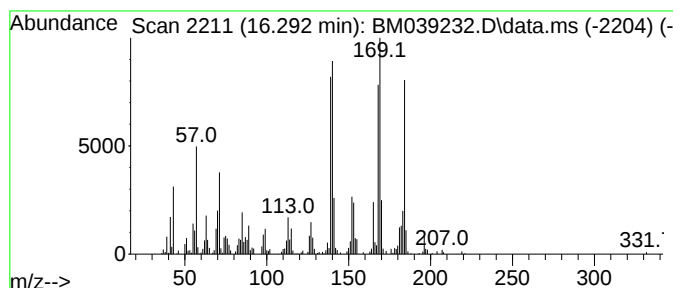
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 unknown16.292 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.292	2.13 ng	289201	Phenanthrene-d10	17.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chamazulene	184	C14H16	000529-05-5	41
2			2-Isopropyl-7-methylnaphthalene	184	C14H16	1000383-71-3	30
3			1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	30
4			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	30
5			1,2-Dihydro-5,6-acenaphthylenedi...	184	C12H12N2	003176-86-1	30



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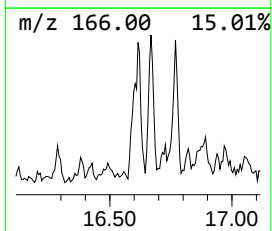
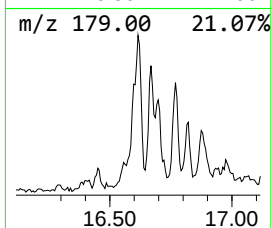
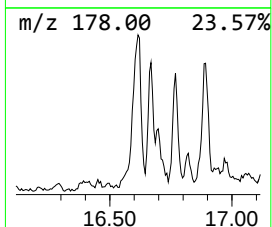
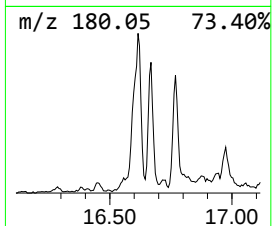
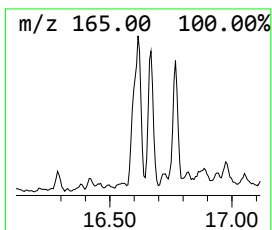
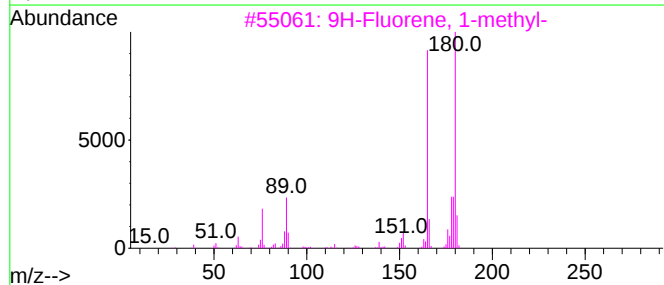
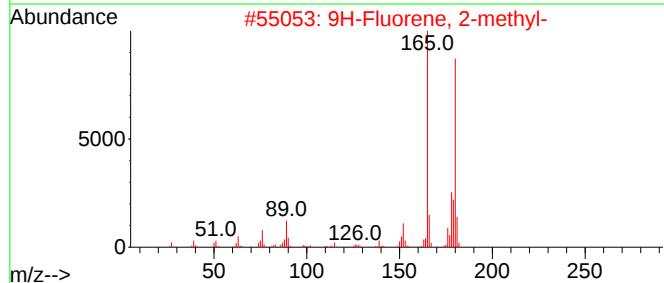
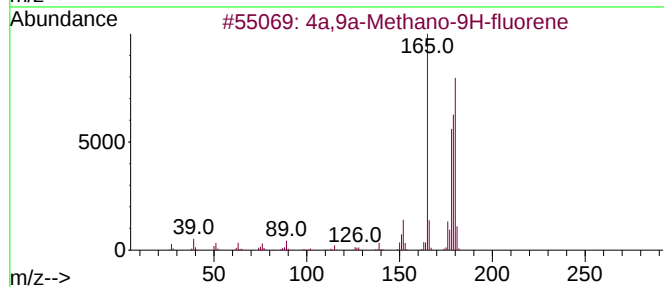
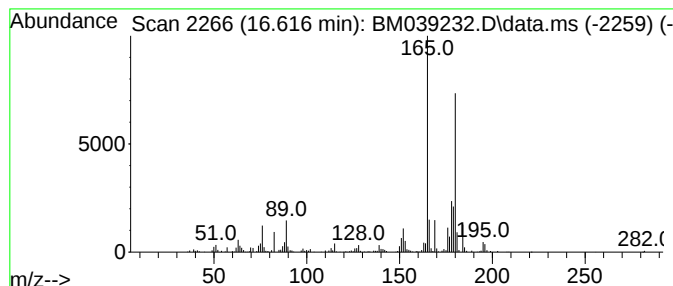
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4a,9a-Methano-9H-fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.616	2.31 ng	313468	Phenanthrene-d10	17.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	92	
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89	
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89	
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89	
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039232.D
Acq On : 30 Mar 2023 18:32
Operator : CG/JU
Sample : 02023-01
Misc :
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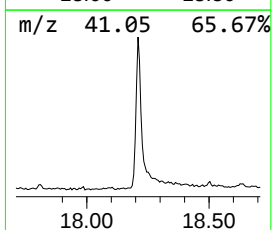
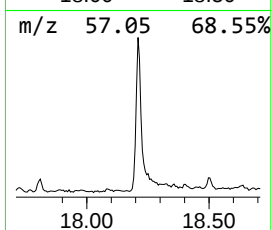
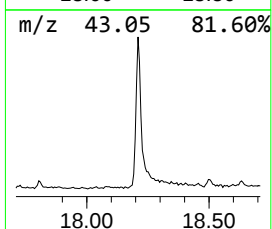
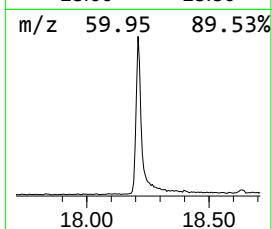
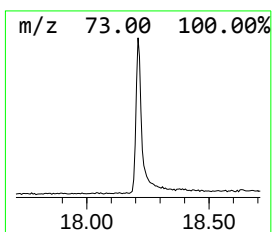
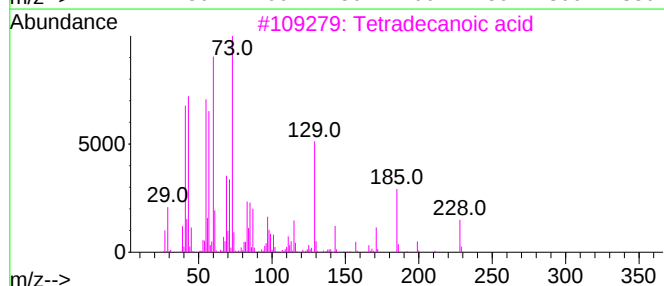
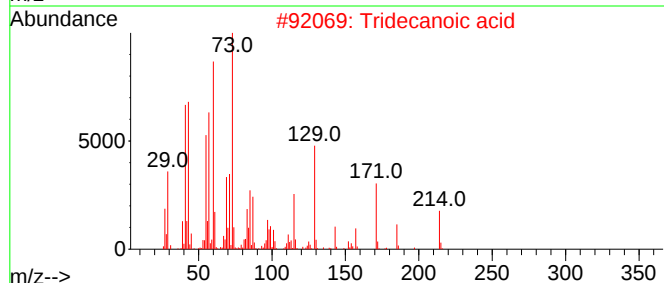
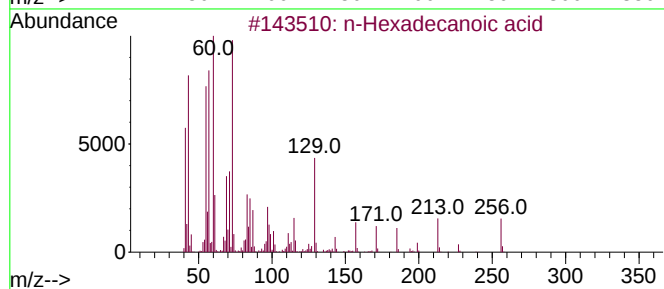
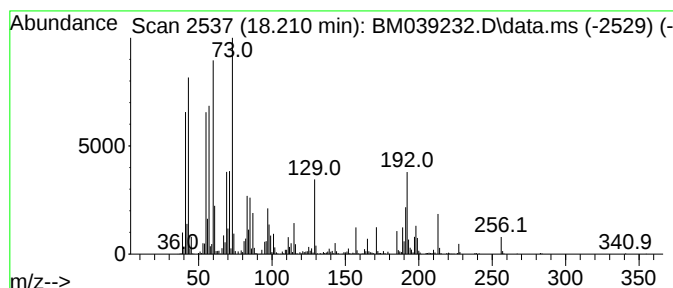
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.209	11.46 ng	1557420	Phenanthrene-d10	17.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
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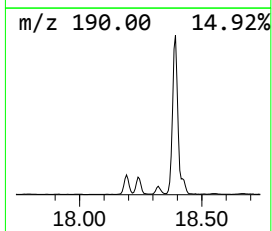
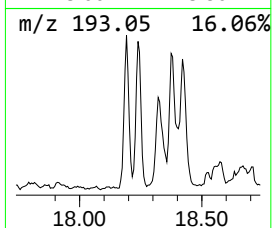
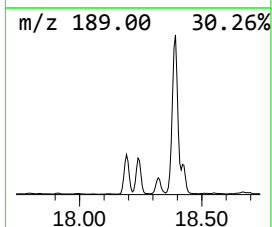
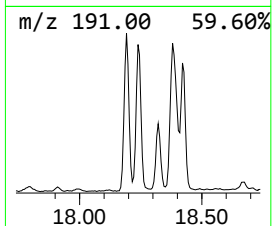
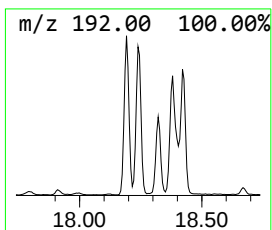
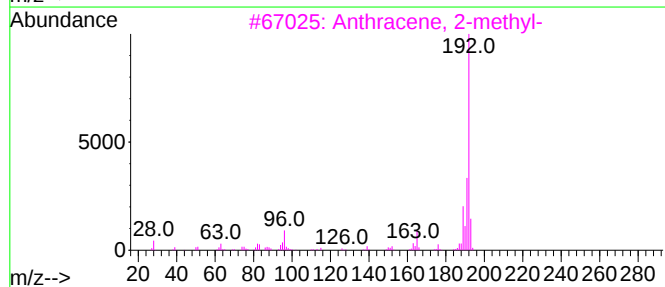
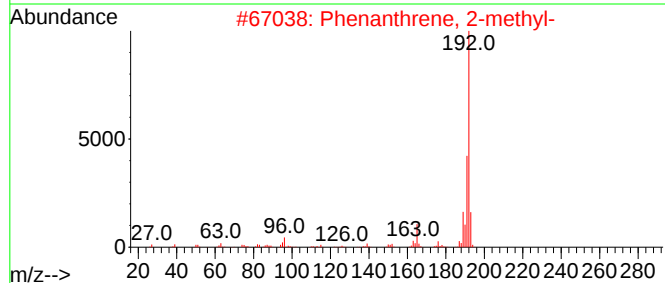
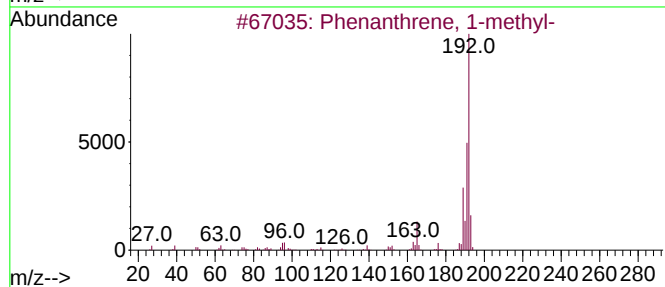
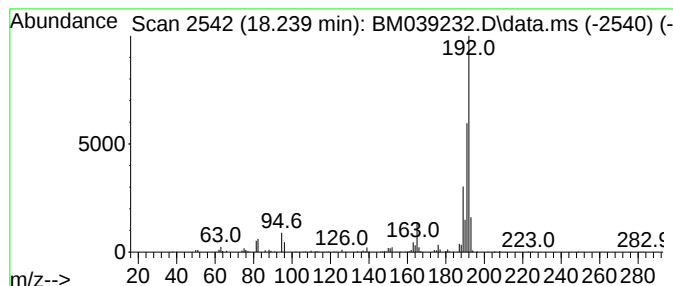
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	5.22 ng	709432	Phenanthrene-d10	17.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039232.D
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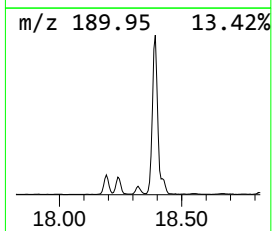
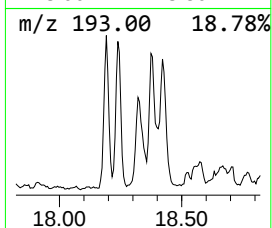
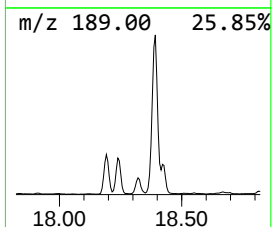
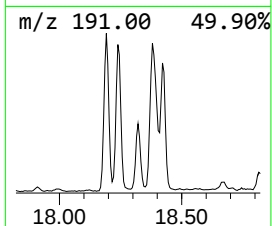
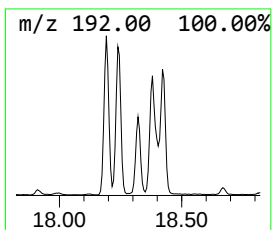
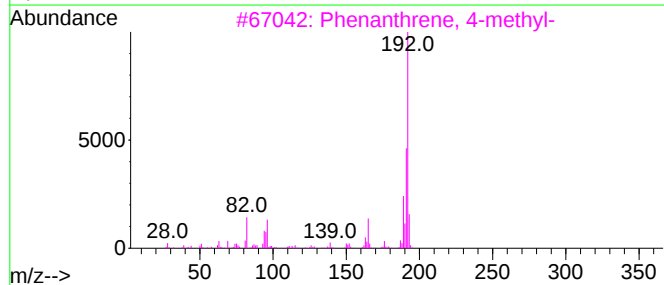
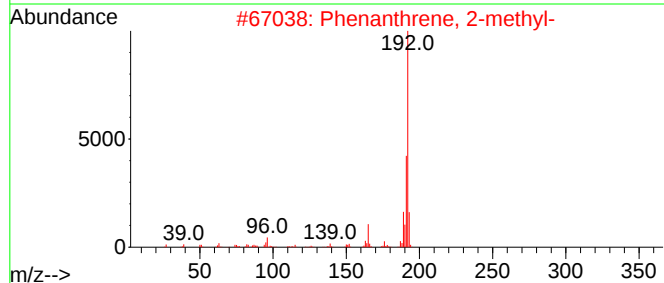
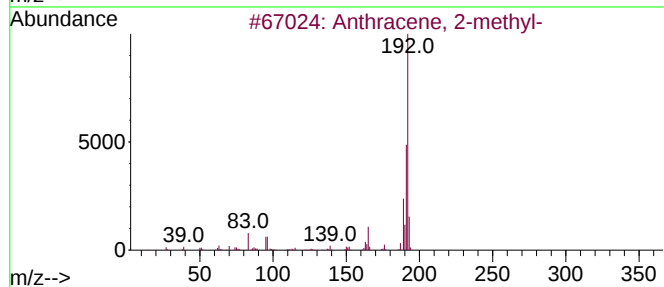
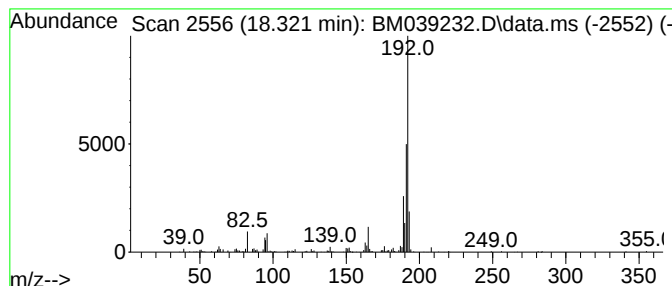
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	2.70 ng	367021	Phenanthrene-d10	17.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
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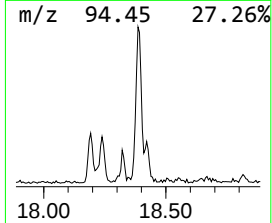
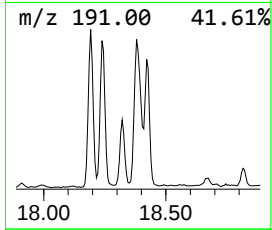
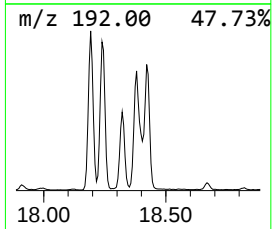
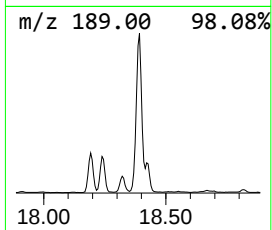
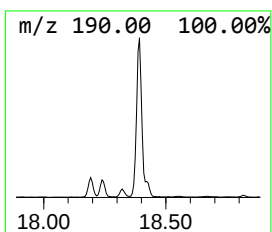
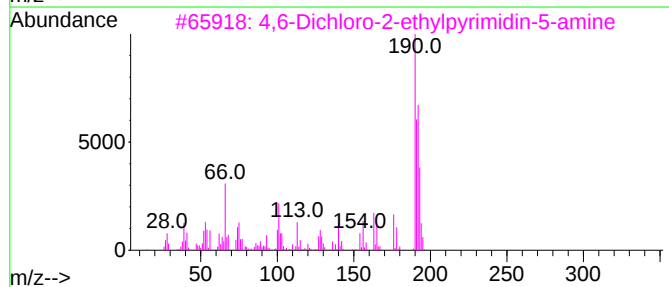
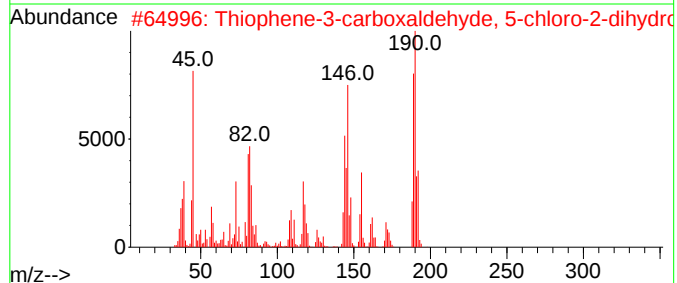
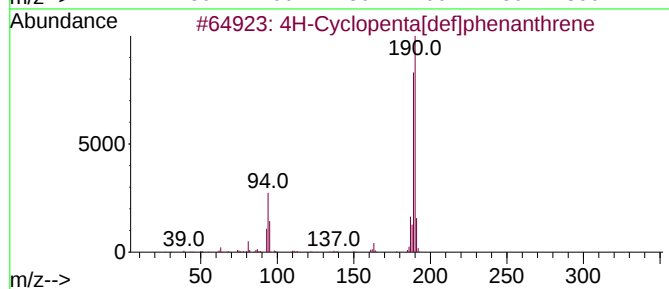
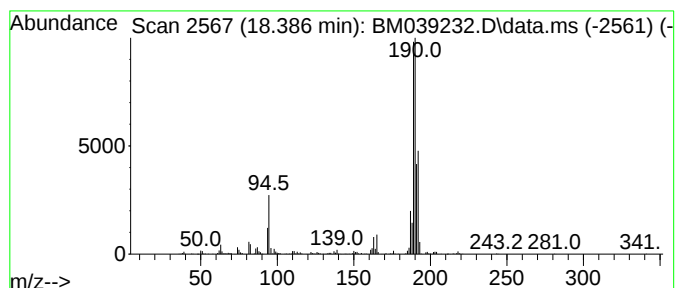
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.386	11.15 ng	1515090	Phenanthrene-d10	17.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	38
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039232.D
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Instrument :
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ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

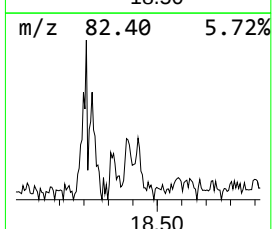
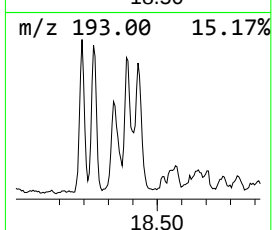
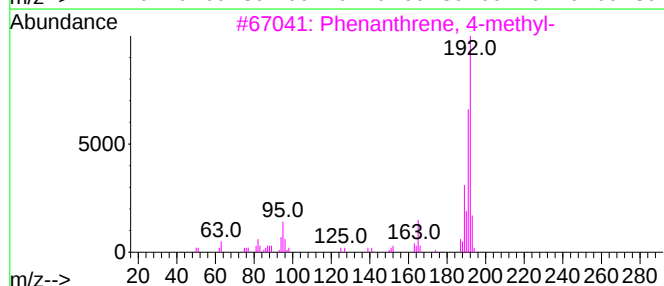
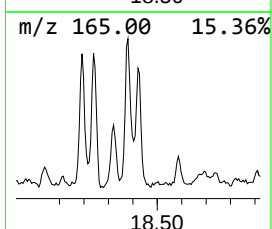
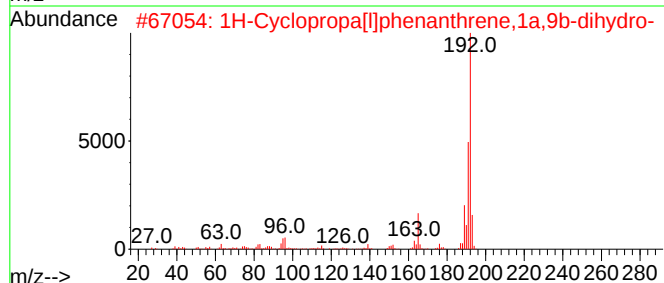
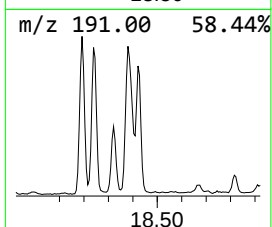
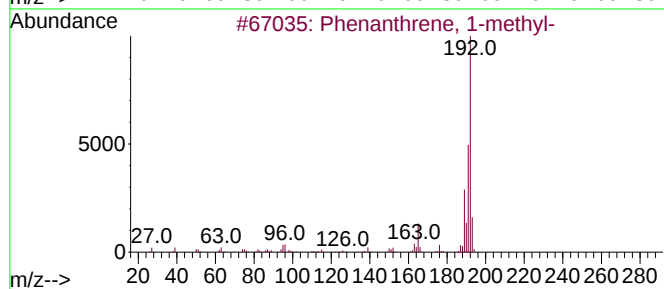
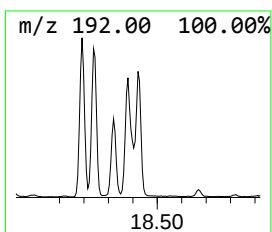
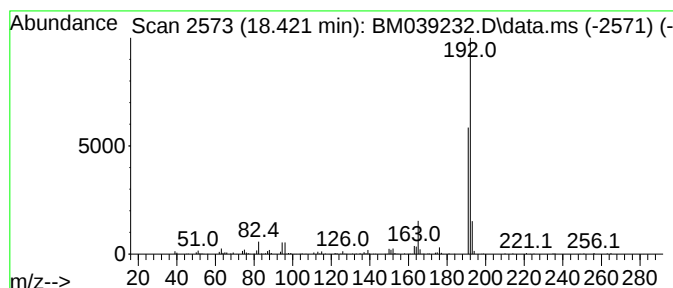
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	3.54 ng	481875	Phenanthrene-d10	17.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
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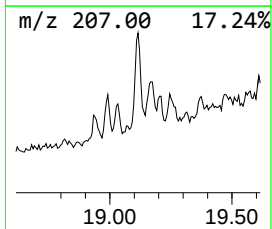
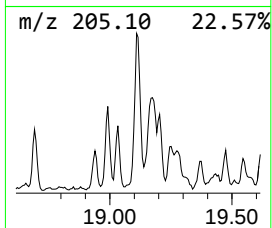
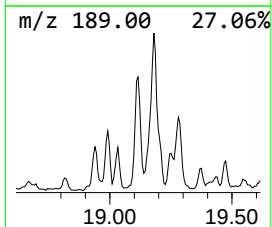
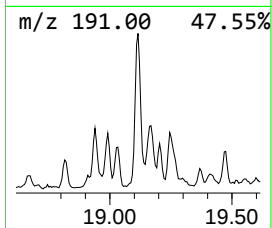
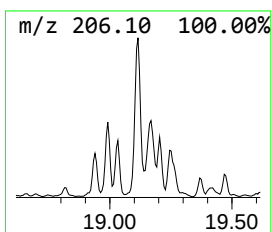
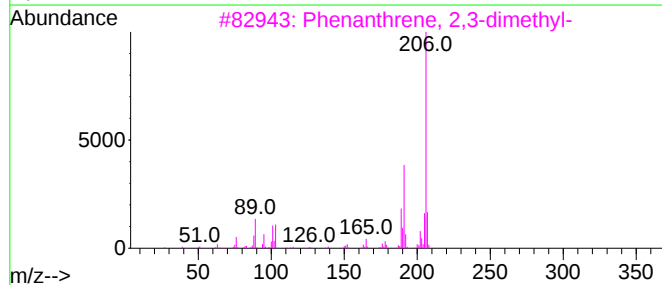
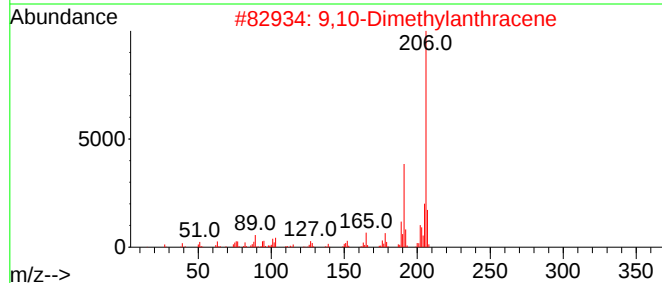
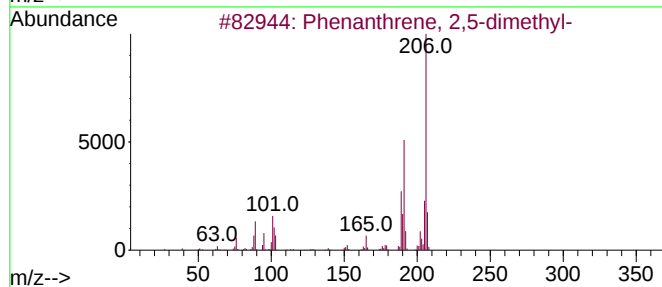
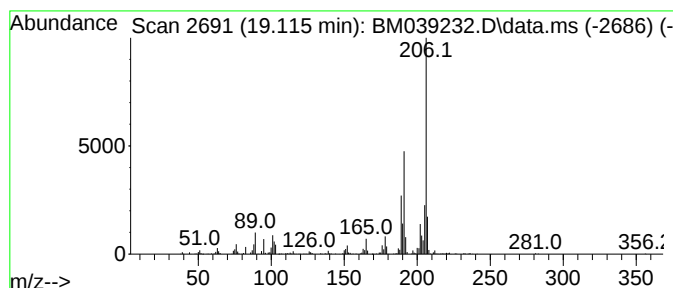
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.115	5.07 ng	689816	Phenanthrene-d10		17.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene		206	C16H14	000781-43-1	96
3	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	93
4	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	89
5	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039232.D
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Sample : 02023-01
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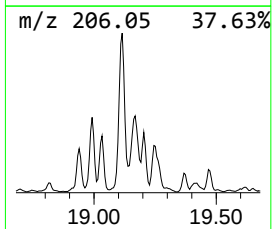
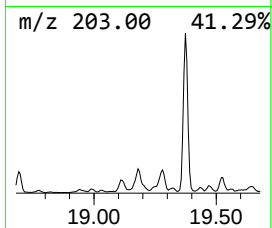
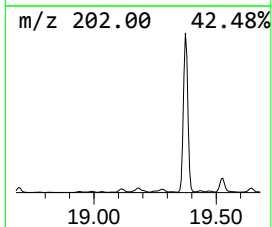
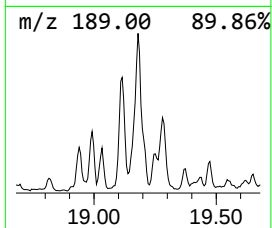
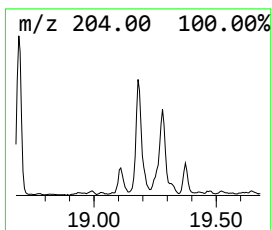
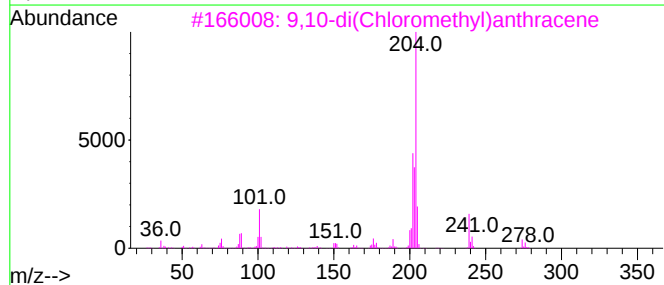
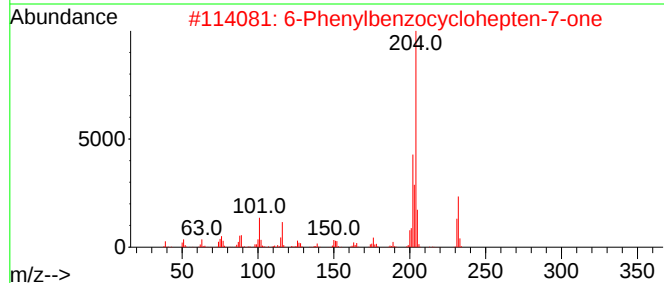
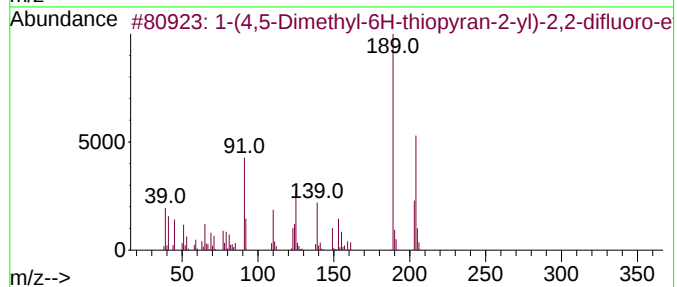
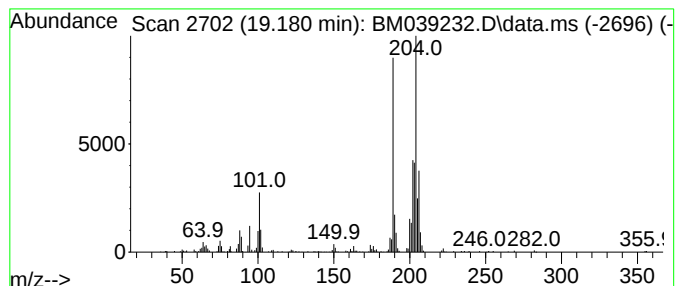
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ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-(4,5-Dimethyl-6H-thiopyra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.180	2.75 ng	373539	Phenanthrene-d10	17.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	52
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	50
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	50
4	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039232.D
Acq On : 30 Mar 2023 18:32
Operator : CG/JU
Sample : 02023-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

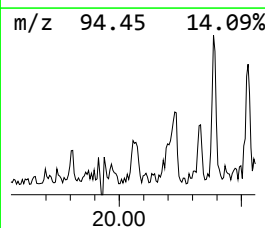
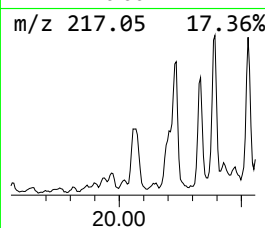
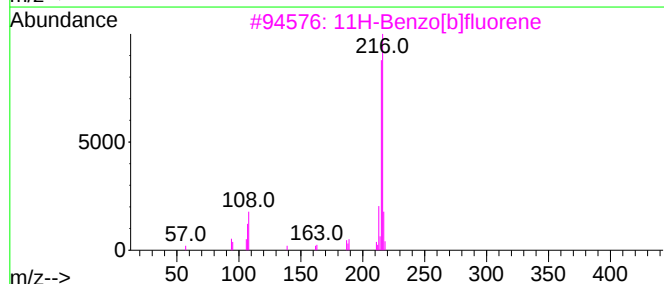
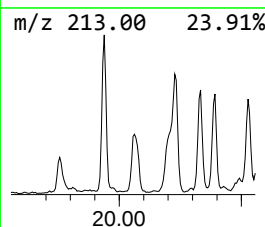
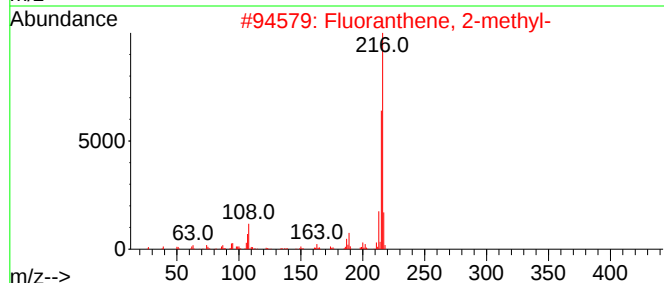
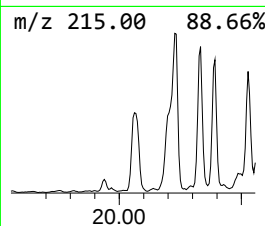
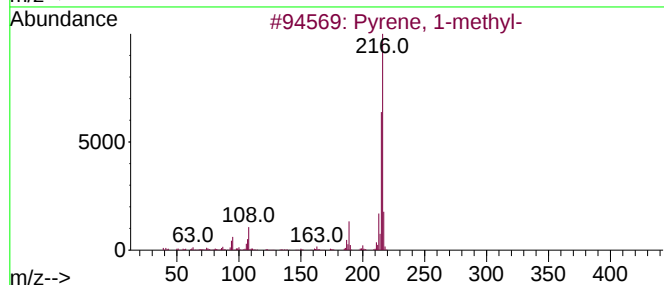
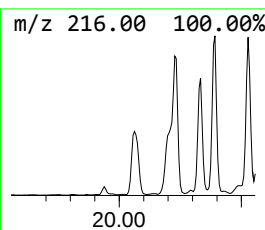
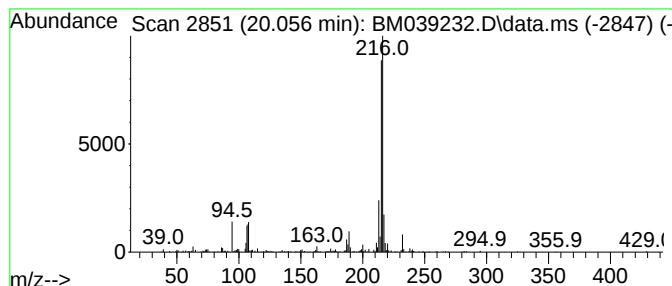
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.057	2.10 ng	559448	Chrysene-d12	21.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039232.D
Acq On : 30 Mar 2023 18:32
Operator : CG/JU
Sample : 02023-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

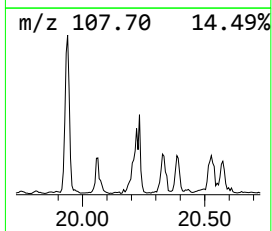
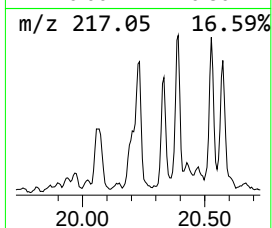
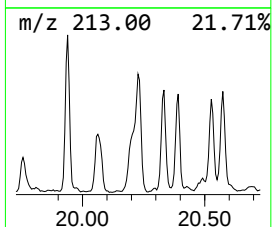
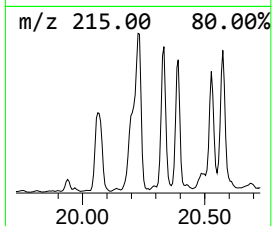
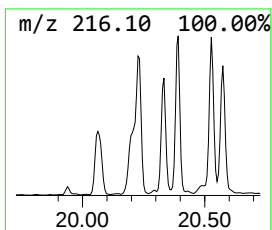
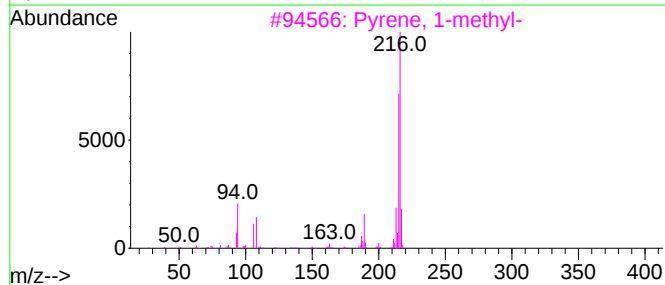
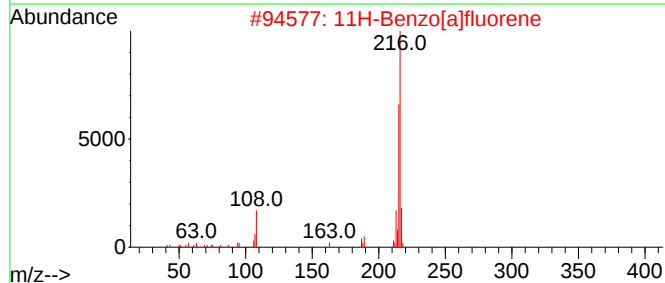
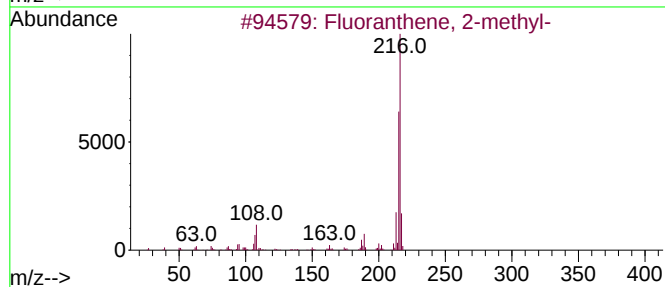
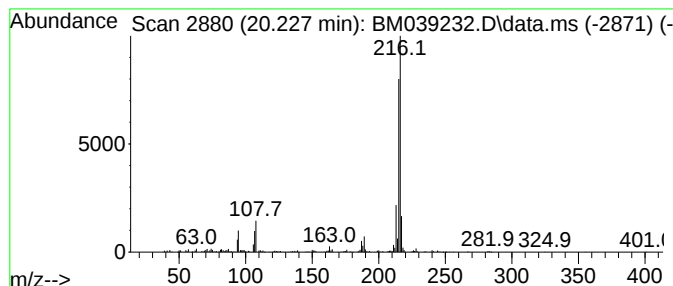
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.227	4.69 ng	1247120	Chrysene-d12	21.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039232.D
Acq On : 30 Mar 2023 18:32
Operator : CG/JU
Sample : 02023-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

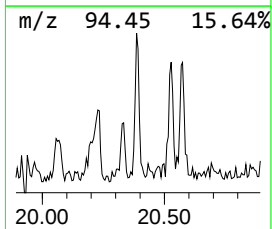
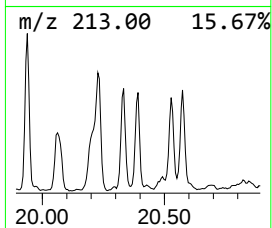
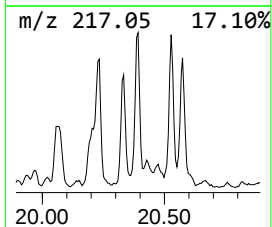
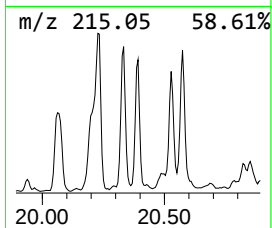
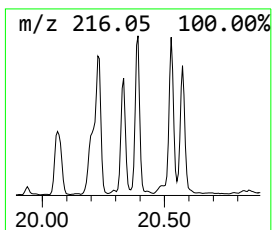
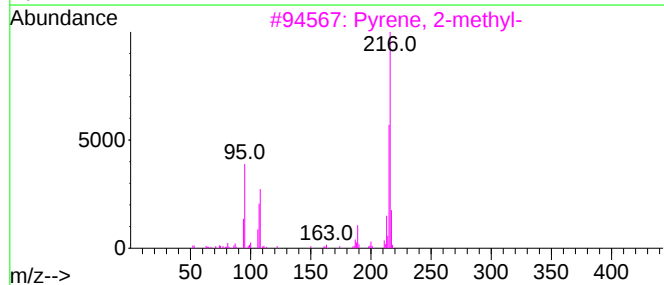
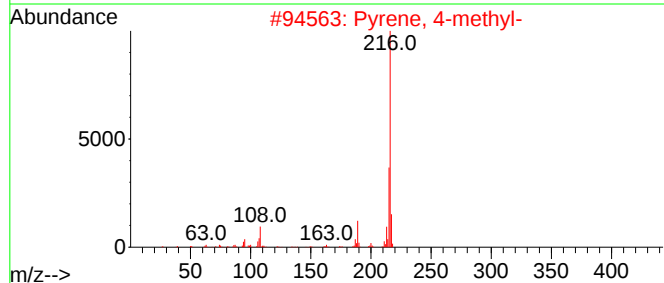
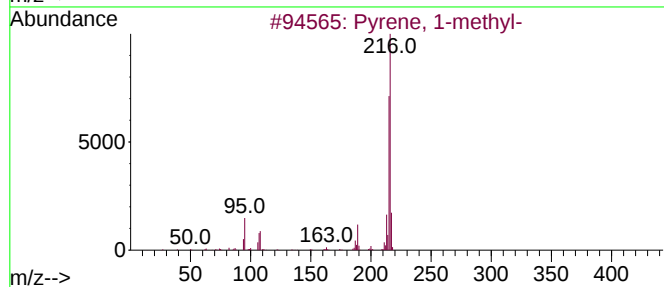
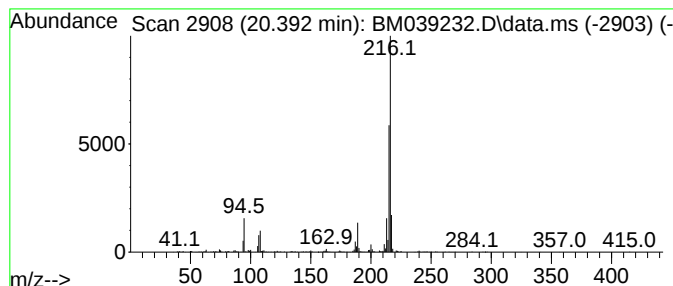
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.392	2.36 ng	626588	Chrysene-d12	21.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	97
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039232.D
Acq On : 30 Mar 2023 18:32
Operator : CG/JU
Sample : 02023-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

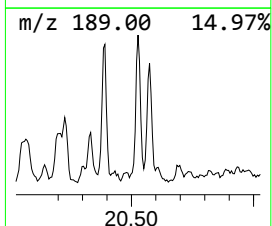
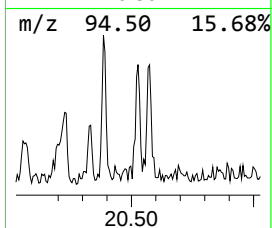
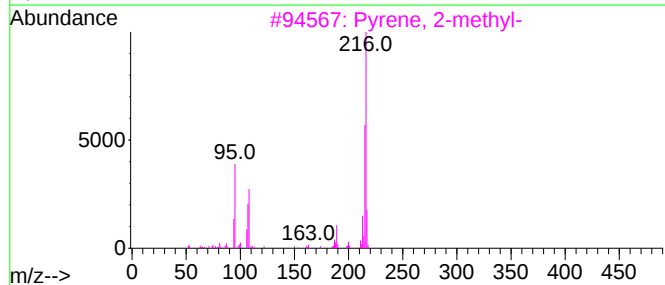
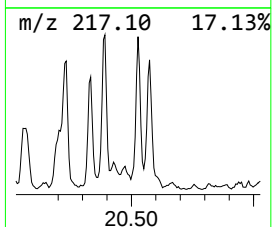
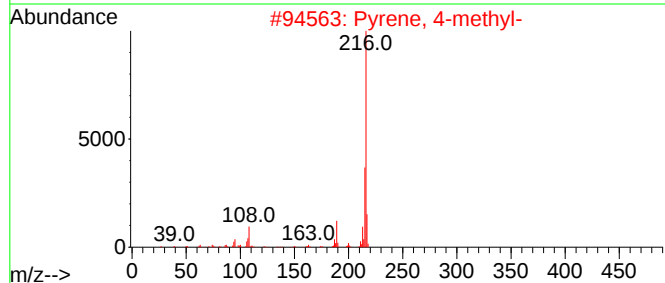
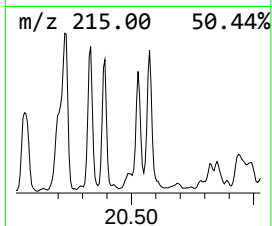
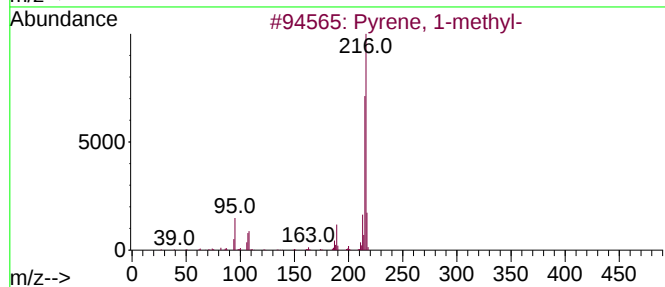
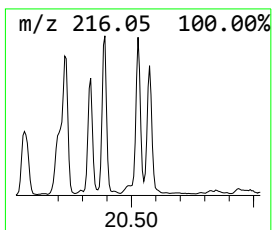
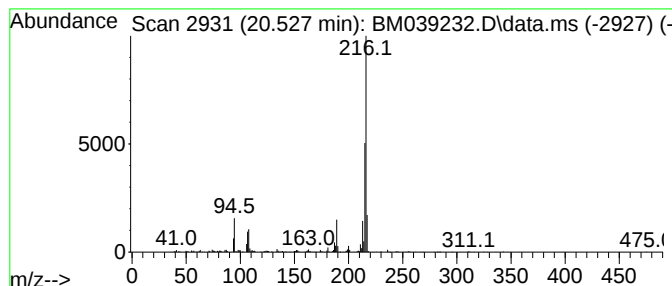
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.527	2.24 ng	596446	Chrysene-d12	21.498

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039232.D
Acq On : 30 Mar 2023 18:32
Operator : CG/JU
Sample : 02023-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

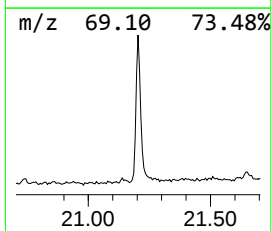
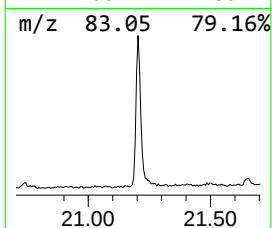
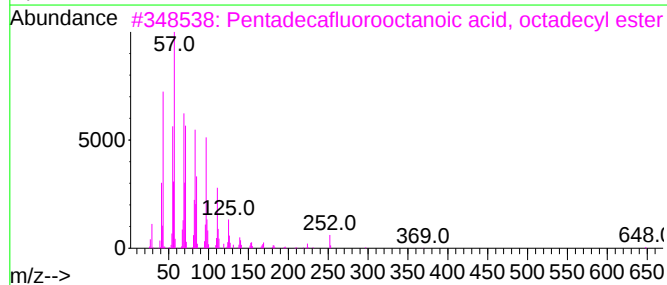
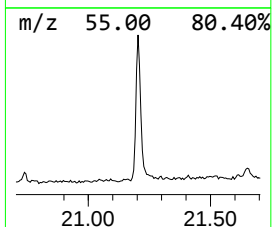
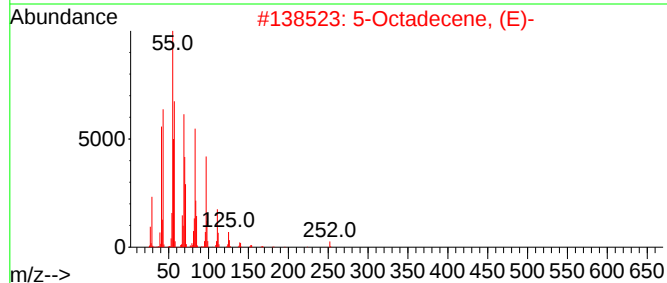
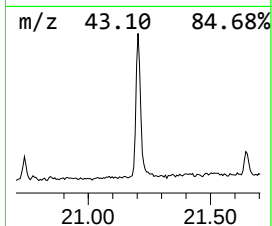
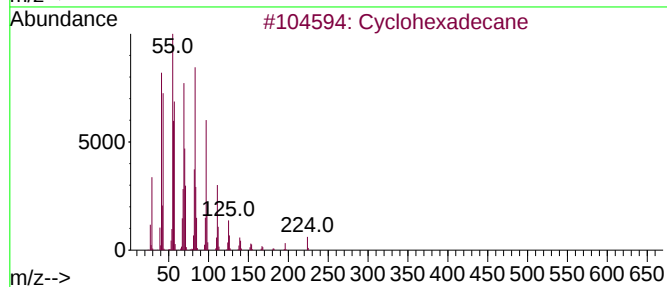
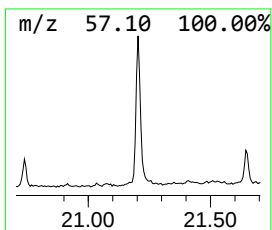
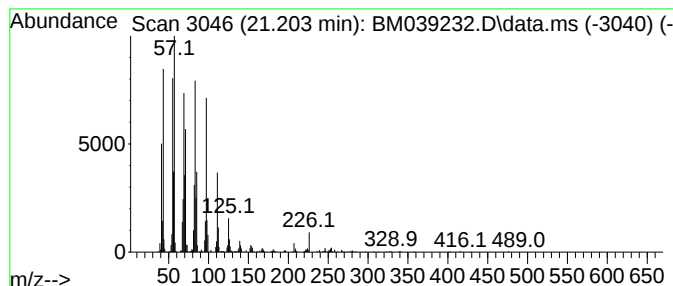
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclohexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.203	4.68 ng	1245990	Chrysene-d12	21.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	94
2			5-Octadecene, (E)-	252	C18H36	007206-21-5	94
3			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4			Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	94
5			1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039232.D
Acq On : 30 Mar 2023 18:32
Operator : CG/JU
Sample : 02023-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

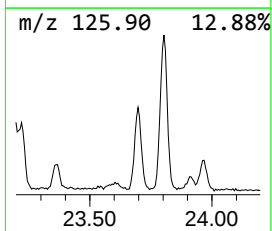
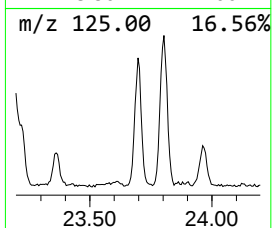
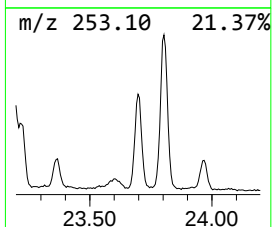
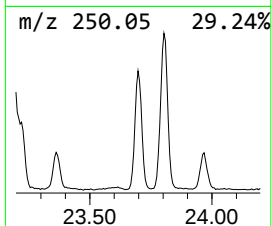
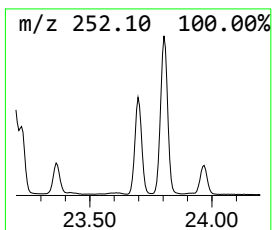
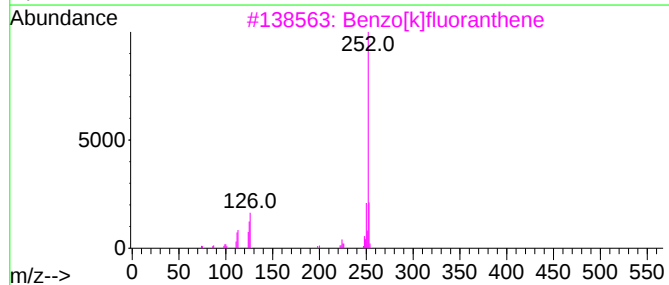
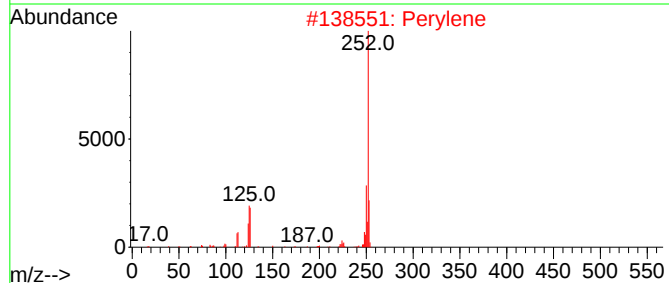
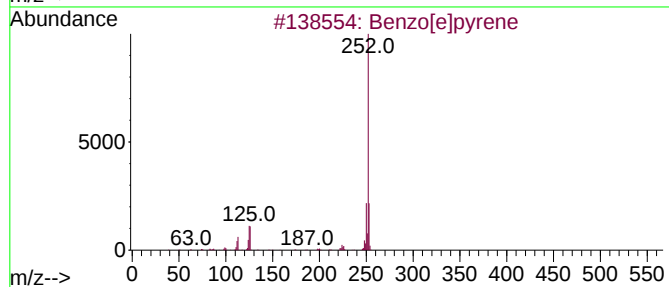
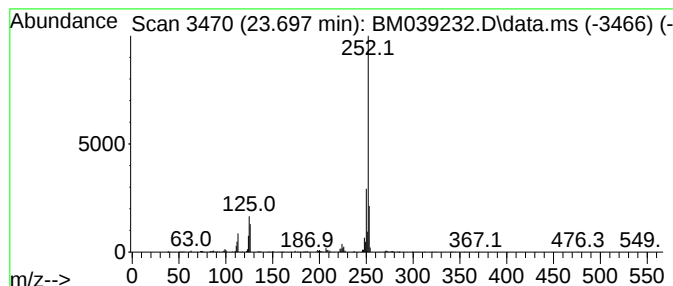
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
23.697	6.10 ng	984826	Perylene-d12		23.915	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene		252	C20H12	000192-97-2	99
2	Perylene		252	C20H12	000198-55-0	99
3	Benzo[k]fluoranthene		252	C20H12	000207-08-9	97
4	Benzo[a]pyrene		252	C20H12	000050-32-8	96
5	Benzo[j]fluoranthene		252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039232.D
Acq On : 30 Mar 2023 18:32
Operator : CG/JU
Sample : 02023-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.016	41.1	ng	2899330	1	7.922	1411130	20.0
Hexathiane	15.180	7.5	ng	903062	3	14.569	2414090	20.0
Benzophenone	15.927	14.9	ng	1793630	3	14.569	2414090	20.0
unknown16.292	16.292	2.1	ng	289201	4	17.316	2718680	20.0
4a,9a-Methano-9...	16.616	2.3	ng	313468	4	17.316	2718680	20.0
n-Hexadecanoic ...	18.209	11.5	ng	1557420	4	17.316	2718680	20.0
Phenanthrene, 1...	18.239	5.2	ng	709432	4	17.316	2718680	20.0
Anthracene, 2-m...	18.321	2.7	ng	367021	4	17.316	2718680	20.0
4H-Cyclopenta[d...	18.386	11.2	ng	1515090	4	17.316	2718680	20.0
1H-Cyclopropa[1...	18.421	3.5	ng	481875	4	17.316	2718680	20.0
Phenanthrene, 2...	19.115	5.1	ng	689816	4	17.316	2718680	20.0
1-(4,5-Dimethyl...	19.180	2.8	ng	373539	4	17.316	2718680	20.0
Pyrene, 1-methyl-	20.057	2.1	ng	559448	5	21.498	5319730	20.0
Fluoranthene, 2...	20.227	4.7	ng	1247120	5	21.498	5319730	20.0
Pyrene, 4-methyl-	20.392	2.4	ng	626588	5	21.498	5319730	20.0
Pyrene, 2-methyl-	20.527	2.2	ng	596446	5	21.498	5319730	20.0
Cyclohexadecane	21.203	4.7	ng	1245990	5	21.498	5319730	20.0
Benzo[e]pyrene	23.697	6.1	ng	984826	6	23.915	3229040	20.0