

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060863.D
 Acq On : 11 Apr 2024 17:34
 Operator : MA/JU
 Sample : P2070-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

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-BG032924.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060863.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	26	31	43	rVB2	64821	108140	3.52%	0.389%
2	3.686	114	119	127	rVB	23511	37073	1.21%	0.133%
3	5.531	425	433	443	rBV	855767	1372247	44.62%	4.935%
4	7.112	694	702	710	rBV	934310	1545566	50.25%	5.558%
5	7.946	838	844	851	rBV	254625	411063	13.36%	1.478%
6	9.098	1031	1040	1048	rBV	560571	988243	32.13%	3.554%
7	10.514	1277	1281	1292	rVB	25076	41020	1.33%	0.148%
8	10.743	1312	1320	1327	rBV	319218	568635	18.49%	2.045%
9	13.199	1731	1738	1747	rBV	1230835	1939507	63.06%	6.975%
10	14.573	1964	1972	1979	rBV	544383	837593	27.23%	3.012%
11	14.638	1979	1983	1990	rVB2	30398	46886	1.52%	0.169%
12	14.803	2002	2011	2016	rBV3	33674	76680	2.49%	0.276%
13	15.625	2145	2151	2156	rVB2	31798	44163	1.44%	0.159%
14	16.066	2218	2226	2234	rBV	1291240	2017531	65.60%	7.255%
15	16.971	2375	2380	2386	rVB	21390	33695	1.10%	0.121%
16	17.323	2434	2440	2444	rBV	732713	1115676	36.27%	4.012%
17	17.364	2444	2447	2453	rVV	431814	592613	19.27%	2.131%
18	17.452	2453	2462	2468	rVV	95904	156044	5.07%	0.561%
19	17.723	2498	2508	2513	rBV2	62485	122170	3.97%	0.439%
20	18.199	2585	2589	2591	rBV	44883	65100	2.12%	0.234%
21	18.228	2591	2594	2602	rVV2	187134	356331	11.59%	1.281%
22	18.328	2605	2611	2616	rVV3	25927	53578	1.74%	0.193%
23	18.398	2616	2623	2626	rVV2	96566	170256	5.54%	0.612%
24	18.434	2626	2629	2633	rVB	33760	43799	1.42%	0.158%
25	18.698	2671	2674	2677	rBV	35351	48407	1.57%	0.174%
26	18.733	2677	2680	2686	rVB2	49074	67630	2.20%	0.243%
27	19.115	2741	2745	2750	rVB4	32108	47915	1.56%	0.172%
28	19.180	2751	2756	2759	rBV6	31194	49158	1.60%	0.177%
29	19.250	2764	2768	2776	rBV2	35013	64895	2.11%	0.233%
30	19.380	2784	2790	2796	rVB	1010612	1419326	46.15%	5.104%
31	19.503	2808	2811	2818	rVB3	38811	66355	2.16%	0.239%
32	19.738	2841	2851	2859	rBV	866398	1486869	48.34%	5.347%
33	19.808	2860	2863	2868	rVB2	34702	58324	1.90%	0.210%
34	19.950	2878	2887	2896	rBV	2238321	3075703	100.00%	11.061%
35	20.067	2902	2907	2913	rBV3	51879	113954	3.70%	0.410%
36	20.202	2926	2930	2931	rBV3	29841	37767	1.23%	0.136%

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37	20.232	2932	2935	2940	rVB	126704	174184	5.66%	0.626%
38	20.273	2940	2942	2946	rVB2	30678	31319	1.02%	0.113%
39	20.337	2948	2953	2956	rBV	98478	133619	4.34%	0.481%
40	20.390	2959	2962	2966	rVV2	79154	120156	3.91%	0.432%
41	20.431	2966	2969	2973	rVB	36603	44154	1.44%	0.159%
42	20.531	2983	2986	2989	rVB	39069	43824	1.42%	0.158%
43	20.572	2990	2993	2998	rBV4	36837	60402	1.96%	0.217%
44	20.989	3060	3064	3071	rVB2	74301	123975	4.03%	0.446%
45	21.172	3088	3095	3099	rBV3	76214	180967	5.88%	0.651%
46	21.213	3099	3102	3106	rVV2	80897	125819	4.09%	0.452%
47	21.260	3106	3110	3116	rVV4	209324	406194	13.21%	1.461%
48	21.313	3116	3119	3129	rVB	93078	171105	5.56%	0.615%
49	21.583	3157	3165	3170	rBV4	856077	2111870	68.66%	7.595%
50	21.630	3170	3173	3186	rVB	432438	712707	23.17%	2.563%
51	21.777	3194	3198	3202	rBV	83902	132372	4.30%	0.476%
52	21.977	3228	3232	3241	rVB4	65109	114319	3.72%	0.411%
53	22.564	3328	3332	3336	rBV3	41731	68897	2.24%	0.248%
54	23.727	3523	3530	3538	rBV	355079	1132332	36.82%	4.072%
55	24.427	3643	3649	3663	rVB	218292	602042	19.57%	2.165%
56	24.568	3665	3673	3685	rVB2	307555	834987	27.15%	3.003%
57	24.720	3689	3699	3706	rBV	421701	1201822	39.07%	4.322%

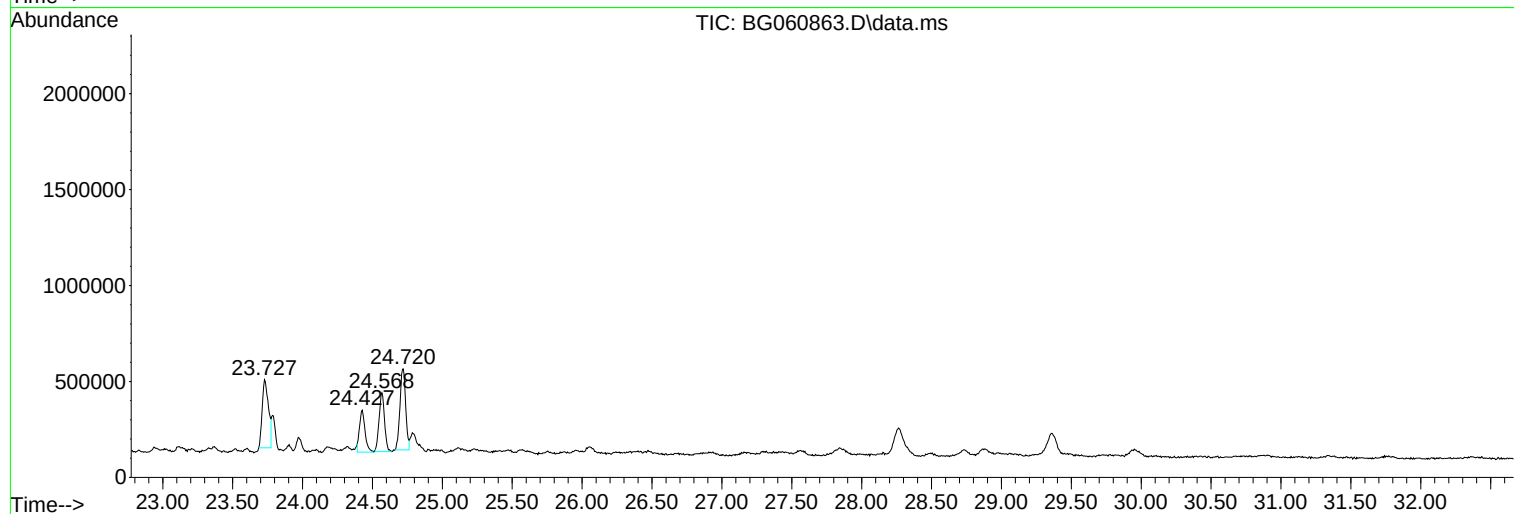
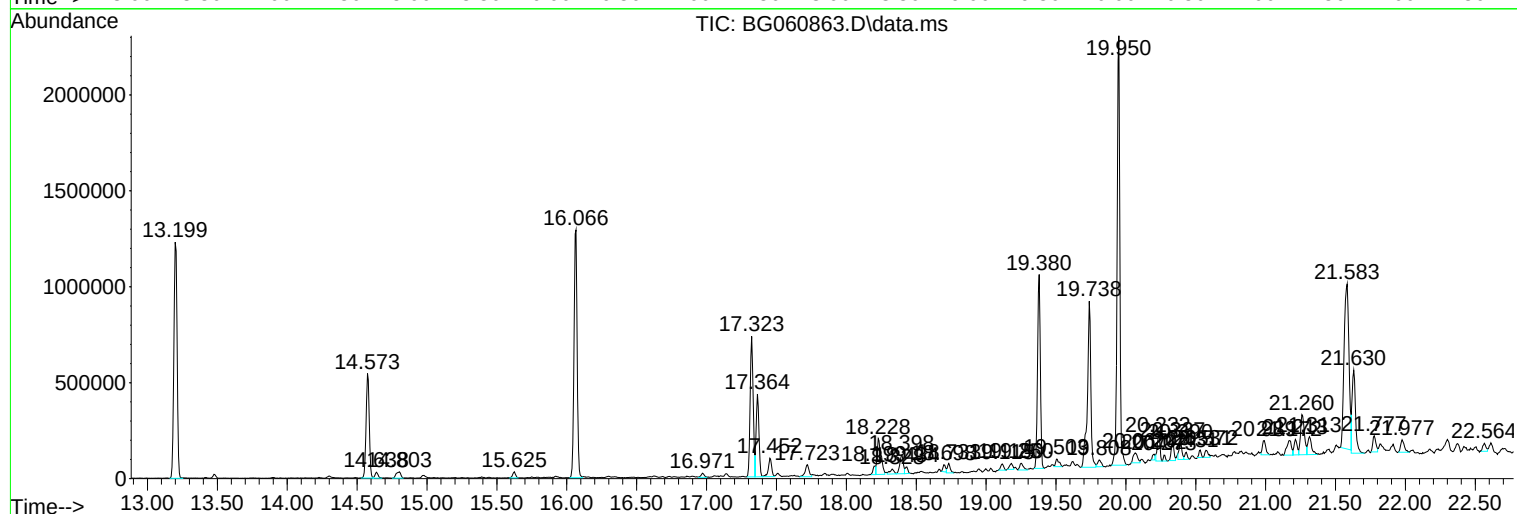
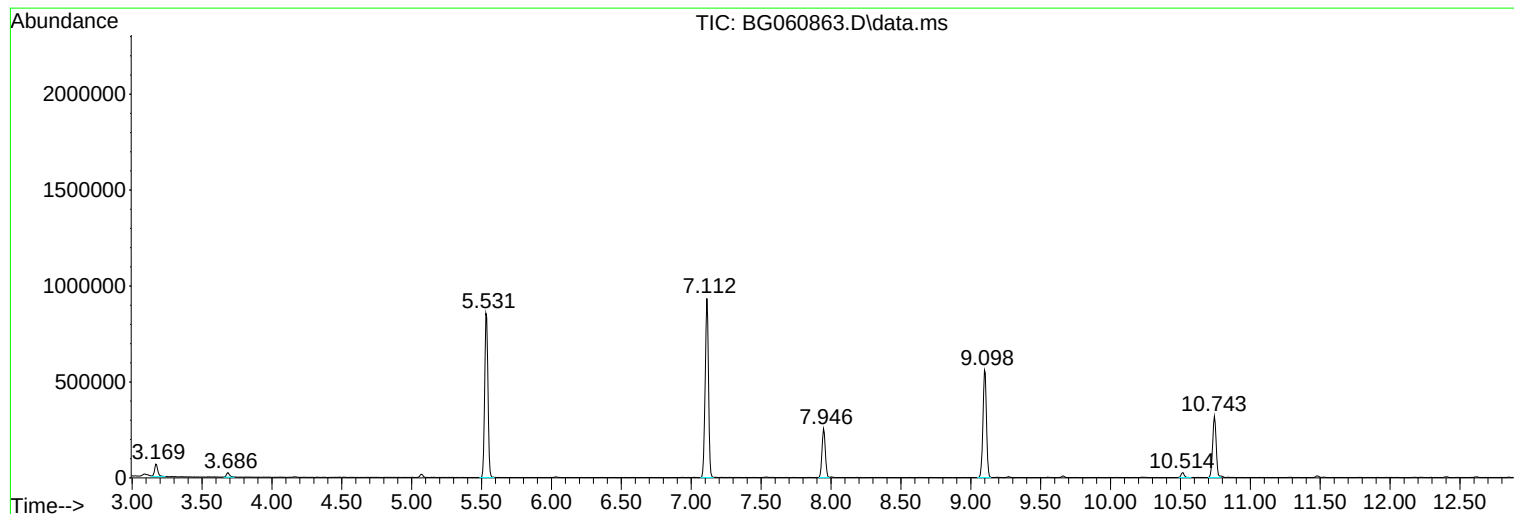
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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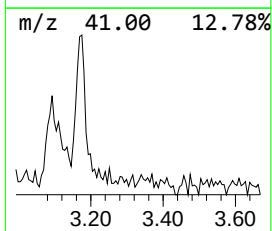
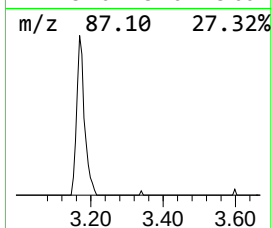
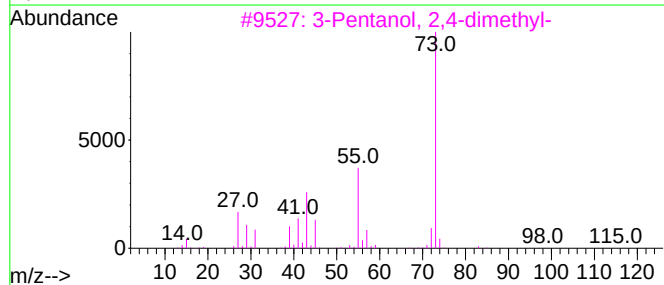
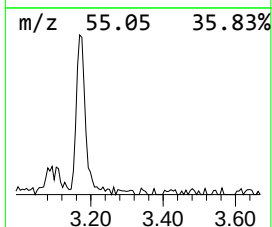
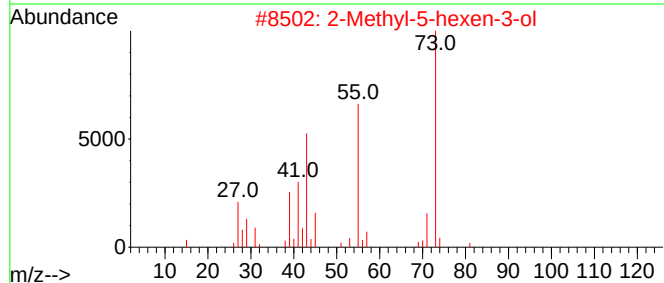
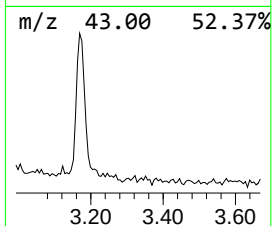
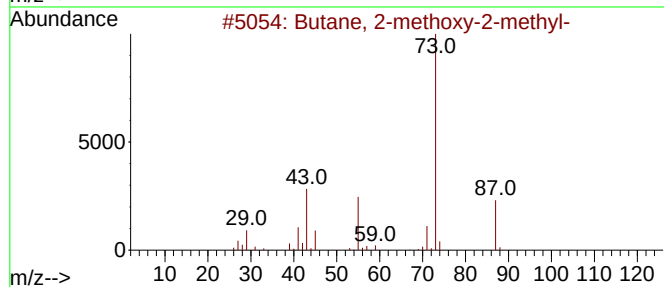
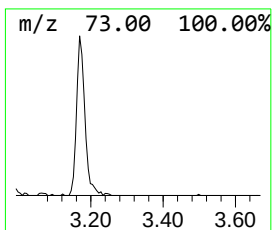
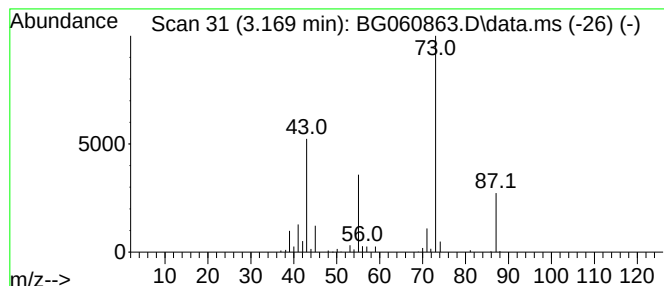
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.169	5.26 ng	108140	1,4-Dichlorobenzene-d4	7.952

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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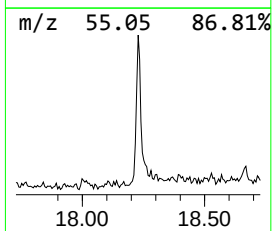
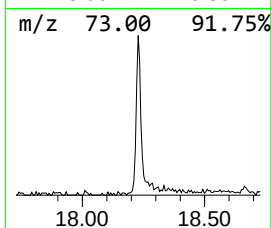
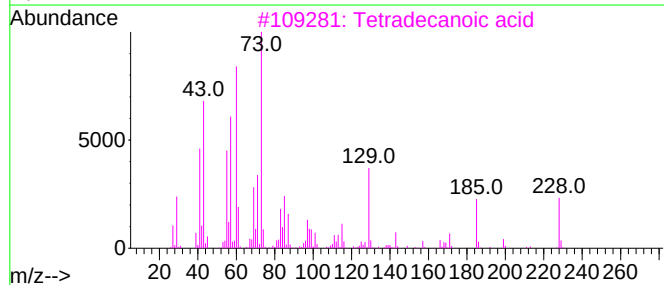
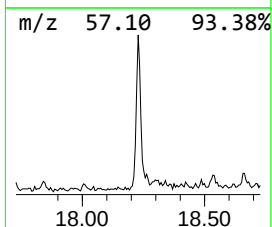
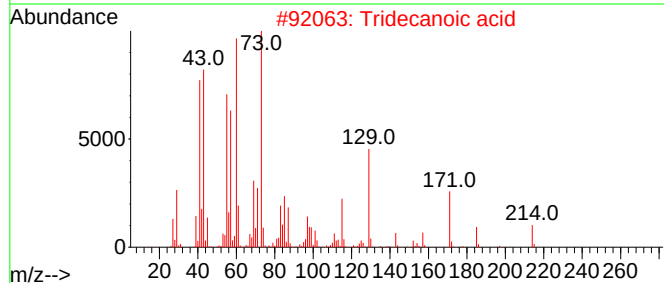
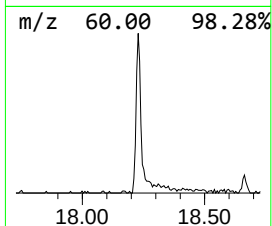
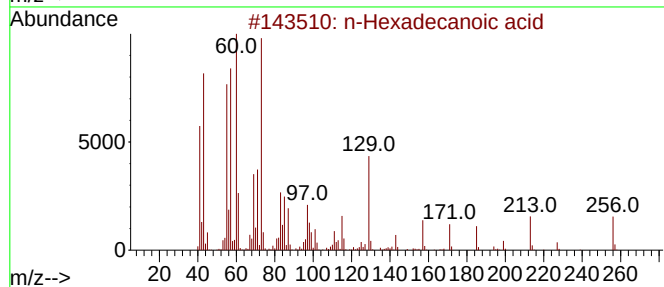
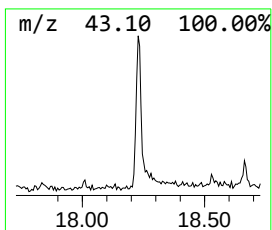
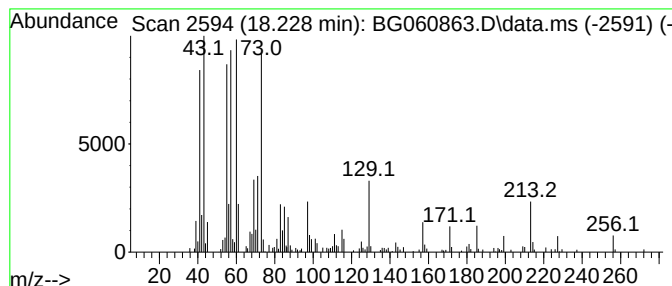
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.228	6.39 ng	356331	Phenanthrene-d10	17.323

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



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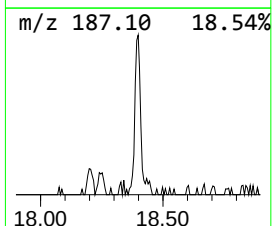
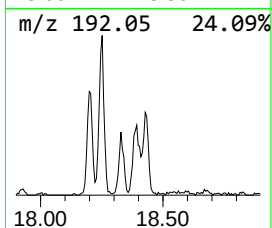
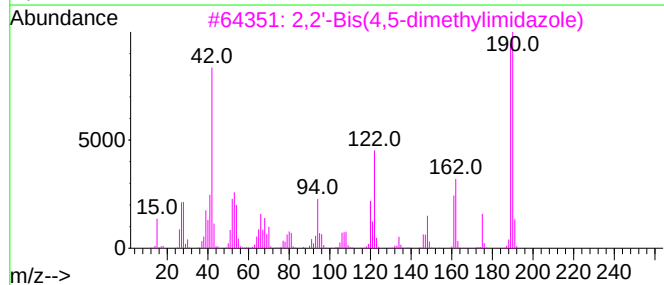
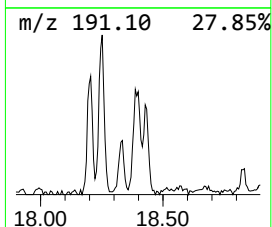
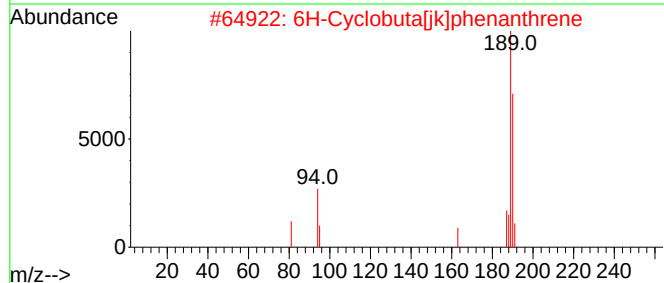
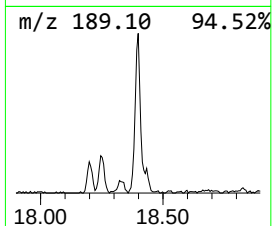
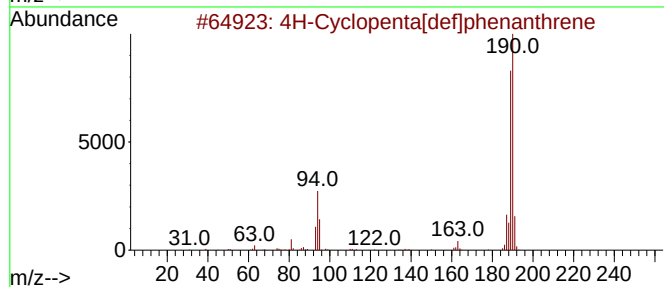
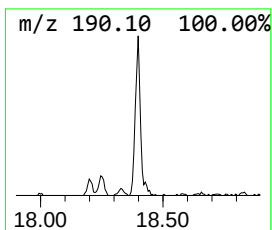
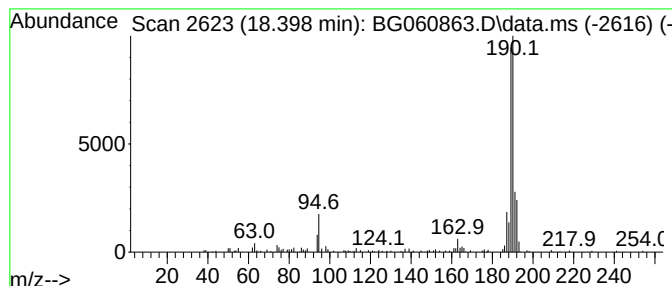
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	3.05 ng	170256	Phenanthrene-d10	17.323

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
5			Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27



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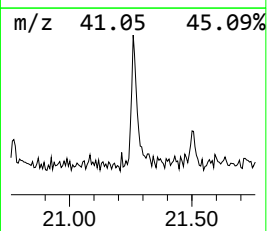
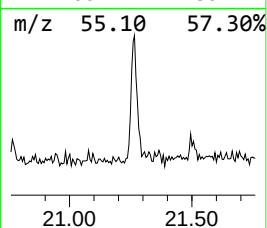
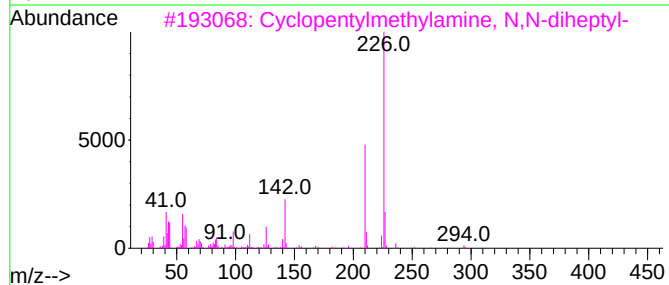
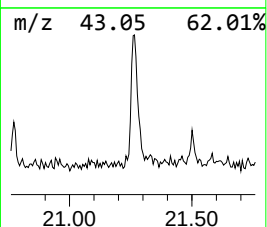
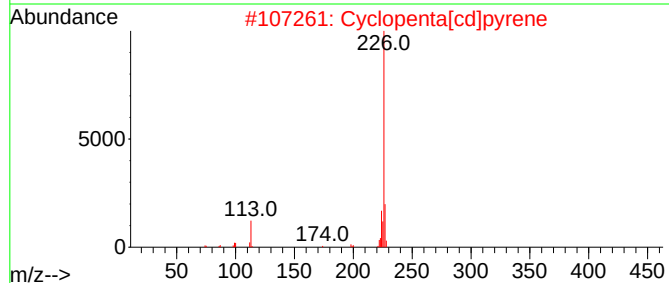
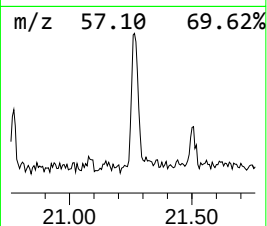
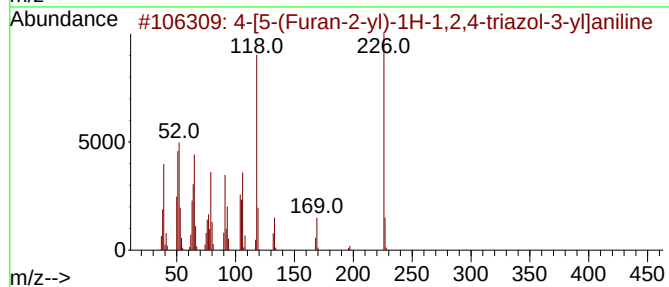
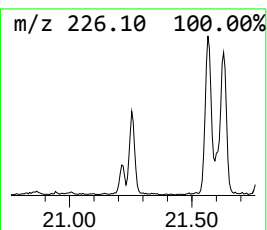
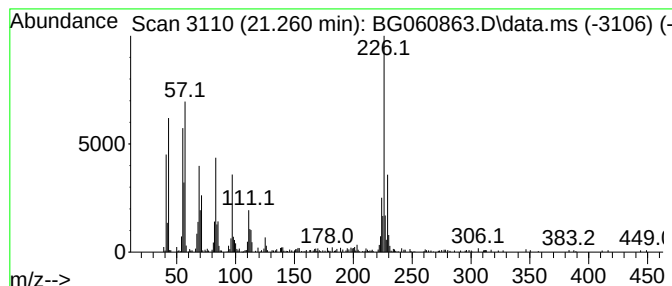
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 unknown21.260 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.260	3.85 ng	406194	Chrysene-d12	21.583

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4	-[5-(Furan-2-yl)-1H-1,2,4-triaz...	226	C12H10N4O	1000411-19-9	42	
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30		
3	Cyclopentylmethylamine, N,N-dihe...	295	C20H41N	1000310-50-0	30		
4	1-Heptanamine, N,N-diheptyl-	311	C21H45N	002411-36-1	30		
5	Anthralin	226	C14H10O3	001143-38-0	27		



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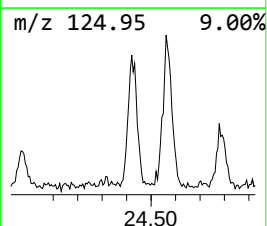
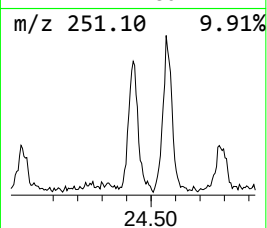
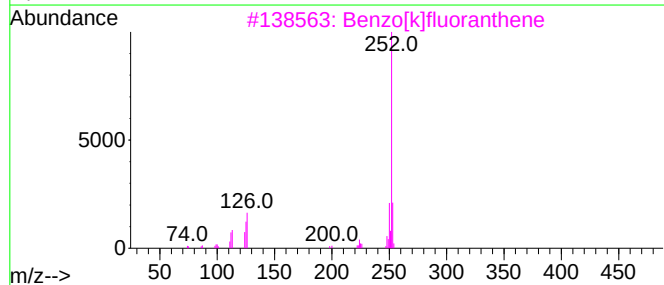
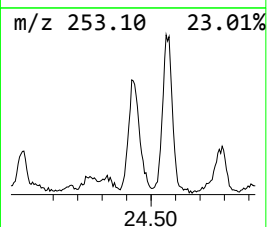
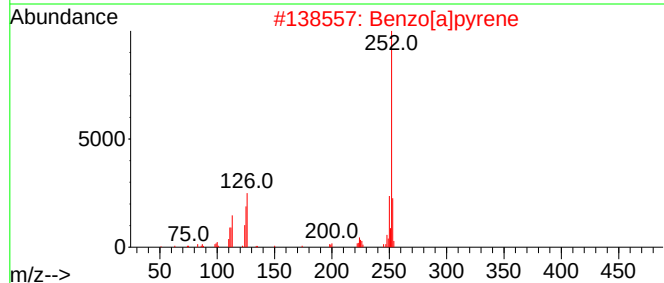
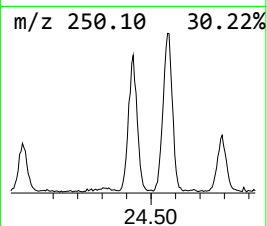
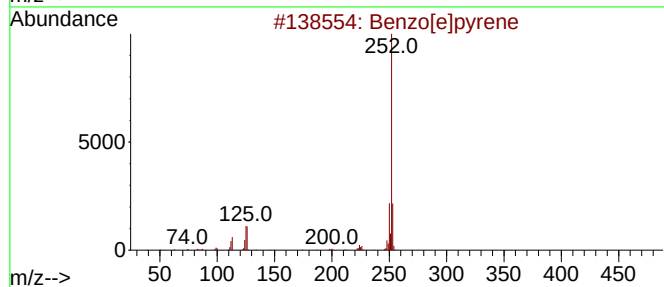
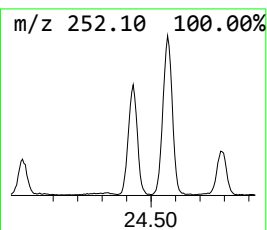
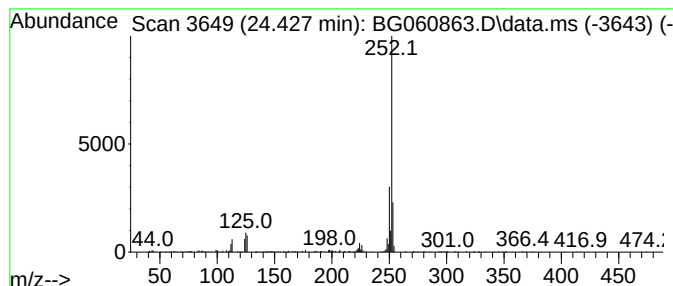
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.427	10.02 ng	602042	Perylene-d12	24.715

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	94
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	87
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060863.D
Acq On : 11 Apr 2024 17:34
Operator : MA/JU
Sample : P2070-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

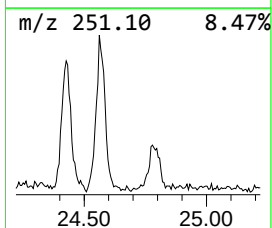
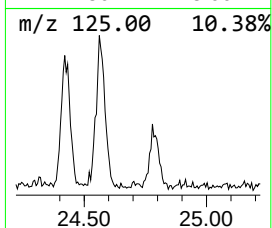
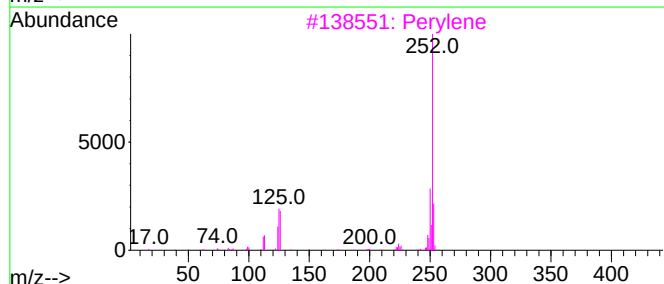
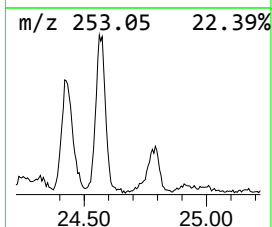
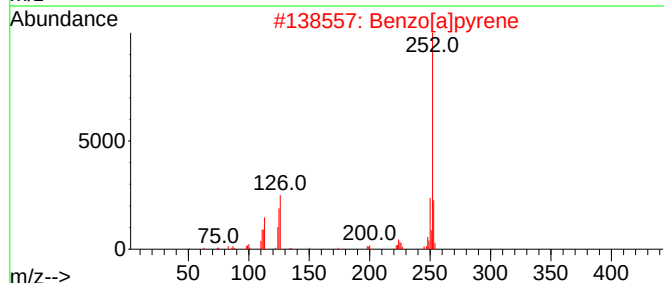
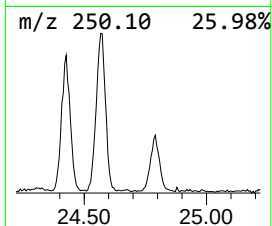
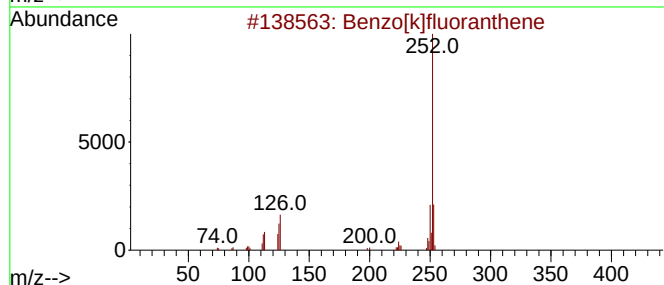
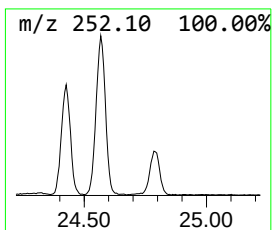
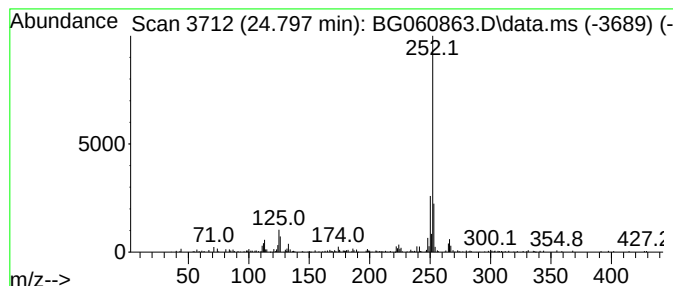
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.720	20.00 ng	1201820	Perylene-d12	24.715

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[e]pyrene	252	C20H12	000192-97-2	93
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060863.D
Acq On : 11 Apr 2024 17:34
Operator : MA/JU
Sample : P2070-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.169	5.3	ng	108140	1	7.952	411063	20.0
n-Hexadecanoic ...	18.228	6.4	ng	356331	4	17.323	1115680	20.0
4H-Cyclopenta[d...]	18.398	3.0	ng	170256	4	17.323	1115680	20.0
unknown21.260	21.260	3.9	ng	406194	5	21.583	2111870	20.0
Benzo[e]pyrene	24.427	10.0	ng	602042	6	24.715	1201820	20.0
Perylene	24.720	20.0	ng	1201820	6	24.715	1201820	20.0