

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
 Data File : BG054846.D
 Acq On : 2 Sep 2022 18:59
 Operator : CG/JU
 Sample : N4488-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-3-090122

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-BG082522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054846.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.212	322	327	336	rVB	14823	23707	2.84%	0.312%
2	5.694	402	409	417	rBV	47789	80776	9.69%	1.064%
3	7.304	675	683	691	rBV	47216	85487	10.26%	1.127%
4	8.150	821	827	839	rVB	163001	286040	34.32%	3.769%
5	9.325	1019	1027	1037	rBV	28685	56647	6.80%	0.746%
6	10.976	1300	1308	1315	rBV	225498	415266	49.83%	5.472%
7	11.963	1470	1476	1481	rBV2	6168	10240	1.23%	0.135%
8	12.621	1584	1588	1595	rVB	8029	13000	1.56%	0.171%
9	12.838	1618	1625	1633	rVB	26109	45817	5.50%	0.604%
10	13.297	1699	1703	1709	rVB	8257	11548	1.39%	0.152%
11	13.408	1716	1722	1728	rVB	94281	146519	17.58%	1.931%
12	13.579	1744	1751	1757	rBV5	5037	13230	1.59%	0.174%
13	13.955	1807	1815	1823	rBV4	20471	54538	6.54%	0.719%
14	14.102	1834	1840	1846	rBV2	43024	81094	9.73%	1.069%
15	14.155	1846	1849	1853	rVV2	14072	20893	2.51%	0.275%
16	14.237	1860	1863	1867	rVB4	9914	13762	1.65%	0.181%
17	14.337	1874	1880	1884	rBV	22488	38320	4.60%	0.505%
18	14.372	1884	1886	1891	rVB2	10808	14598	1.75%	0.192%
19	14.507	1903	1909	1916	rBV2	19455	33878	4.07%	0.446%
20	14.783	1943	1956	1963	rBV	364066	593965	71.27%	7.827%
21	14.848	1963	1967	1973	rVB	24505	39997	4.80%	0.527%
22	14.983	1984	1990	1999	rBV4	13087	33896	4.07%	0.447%
23	15.171	2016	2022	2030	rVB3	26635	51651	6.20%	0.681%
24	15.247	2030	2035	2041	rBV	27816	40505	4.86%	0.534%
25	15.394	2054	2060	2064	rBV	27571	49668	5.96%	0.655%
26	15.447	2064	2069	2073	rVB	16022	22747	2.73%	0.300%
27	15.559	2081	2088	2091	rBV4	18501	43976	5.28%	0.580%
28	15.594	2091	2094	2100	rVB	22209	32678	3.92%	0.431%
29	15.706	2107	2113	2114	rBV5	5430	9683	1.16%	0.128%
30	15.735	2114	2118	2122	rVV4	14684	23848	2.86%	0.314%
31	15.823	2126	2133	2141	rVV2	44805	99554	11.95%	1.312%
32	15.923	2144	2150	2151	rVV3	10153	15608	1.87%	0.206%
33	15.947	2152	2154	2157	rVV2	17107	24649	2.96%	0.325%
34	15.988	2158	2161	2166	rVV6	17237	32902	3.95%	0.434%
35	16.035	2166	2169	2174	rVV5	12913	21923	2.63%	0.289%
36	16.111	2174	2182	2189	rVB6	13991	43298	5.20%	0.571%

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37	16.270	2204	2209	2216	rVV2	65529	106031	12.72%	1.397%
38	16.334	2217	2220	2227	rVB7	5035	12101	1.45%	0.159%
39	16.481	2236	2245	2251	rBV3	23891	57482	6.90%	0.757%
40	16.581	2258	2262	2266	rBV5	7321	10597	1.27%	0.140%
41	16.628	2266	2270	2274	rBV2	13806	24756	2.97%	0.326%
42	16.675	2274	2278	2280	rBV3	6119	9199	1.10%	0.121%
43	16.828	2295	2304	2308	rBV4	37798	95657	11.48%	1.261%
44	16.881	2308	2313	2317	rVB3	24202	43467	5.22%	0.573%
45	16.981	2325	2330	2335	rVB2	27098	48154	5.78%	0.635%
46	17.033	2335	2339	2340	rBV4	12702	17924	2.15%	0.236%
47	17.186	2360	2365	2370	rBV9	9002	18503	2.22%	0.244%
48	17.251	2372	2376	2381	rVV5	14428	25208	3.02%	0.332%
49	17.304	2382	2385	2389	rVV5	9298	15817	1.90%	0.208%
50	17.351	2389	2393	2398	rVB	25701	40028	4.80%	0.527%
51	17.527	2417	2423	2427	rBV	403245	649865	77.98%	8.564%
52	17.574	2427	2431	2437	rVB	225684	339242	40.71%	4.470%
53	17.662	2442	2446	2450	rBV	36599	52791	6.33%	0.696%
54	17.721	2450	2456	2460	rBV2	22315	41167	4.94%	0.542%
55	17.762	2460	2463	2465	rBV3	9359	10506	1.26%	0.138%
56	17.932	2488	2492	2500	rBV4	17923	48253	5.79%	0.636%
57	18.109	2519	2522	2529	rVB	29541	45033	5.40%	0.593%
58	18.402	2568	2572	2576	rBV	88398	141192	16.94%	1.861%
59	18.455	2576	2581	2586	rVB	119698	185827	22.30%	2.449%
60	18.532	2590	2594	2599	rBV	36268	58725	7.05%	0.774%
61	18.596	2599	2605	2609	rVV3	123186	260224	31.23%	3.429%
62	18.632	2609	2611	2616	rVB2	85422	117934	14.15%	1.554%
63	18.896	2652	2656	2660	rBV2	43205	60775	7.29%	0.801%
64	19.190	2703	2706	2710	rBV	32103	42358	5.08%	0.558%
65	19.313	2722	2727	2731	rBV	104175	178078	21.37%	2.347%
66	19.578	2767	2772	2776	rBV	268468	394930	47.39%	5.204%
67	19.625	2777	2780	2784	rVB3	45032	62668	7.52%	0.826%
68	19.942	2829	2834	2841	rVB	367279	553769	66.45%	7.297%
69	20.124	2862	2865	2869	rVB	150987	181775	21.81%	2.395%
70	20.582	2941	2943	2948	rVB	65468	81350	9.76%	1.072%
71	20.723	2964	2967	2971	rBV	77087	97903	11.75%	1.290%
72	21.822	3147	3154	3159	rBV3	397650	833368	100.00%	10.982%

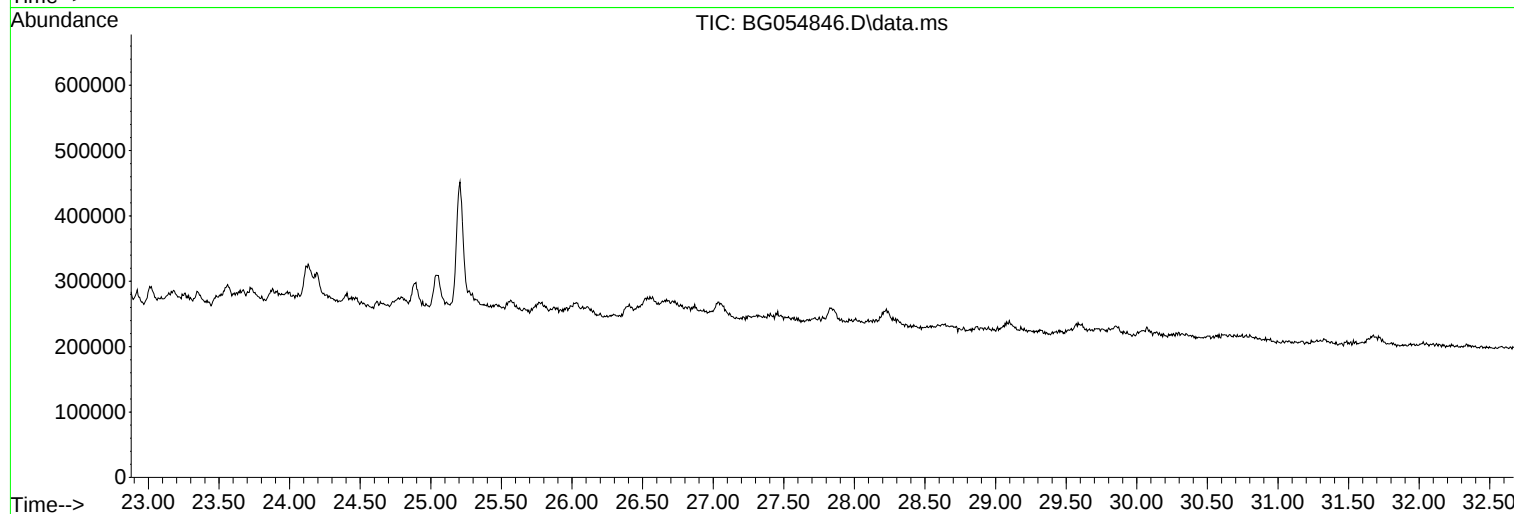
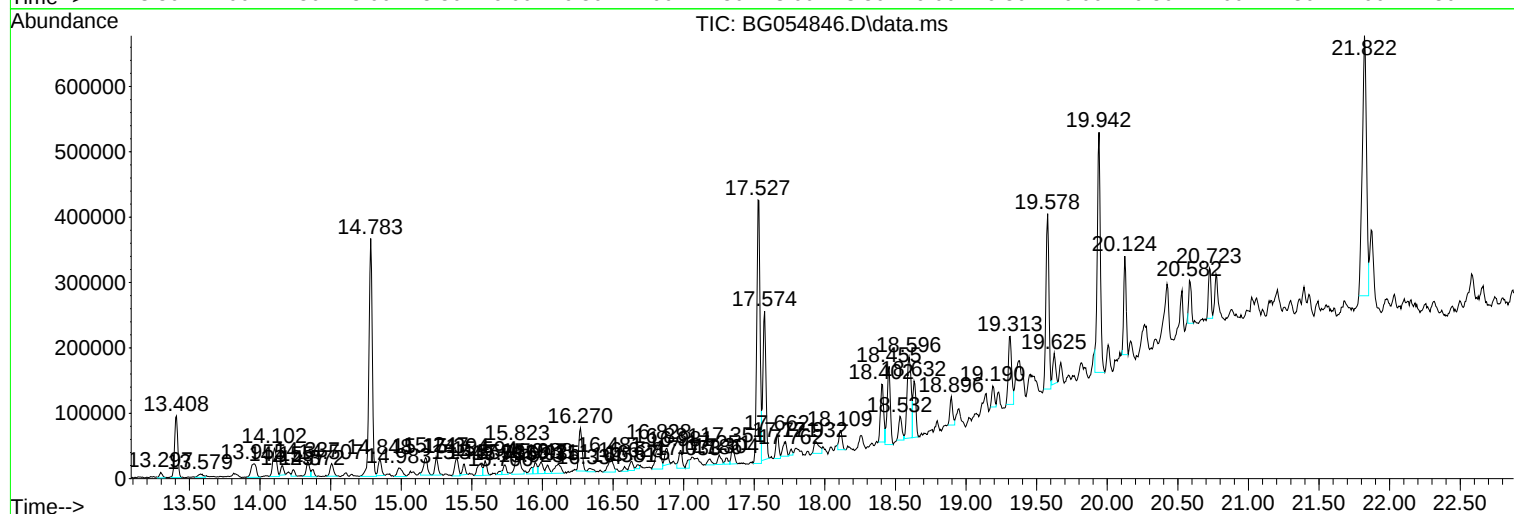
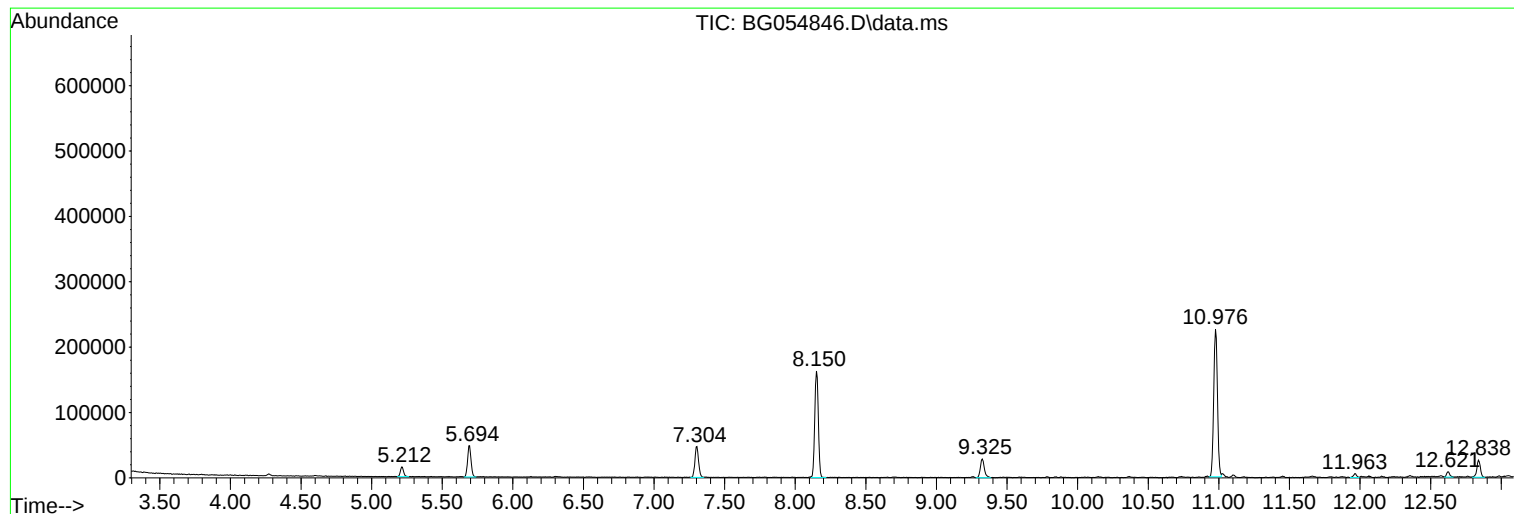
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : N4488-01 10X
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Instrument :
BNA_G
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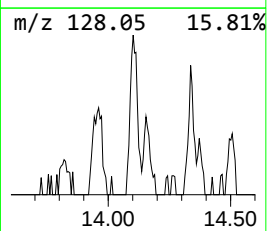
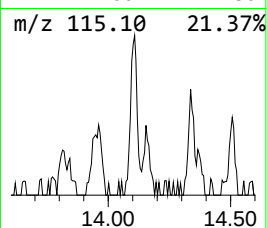
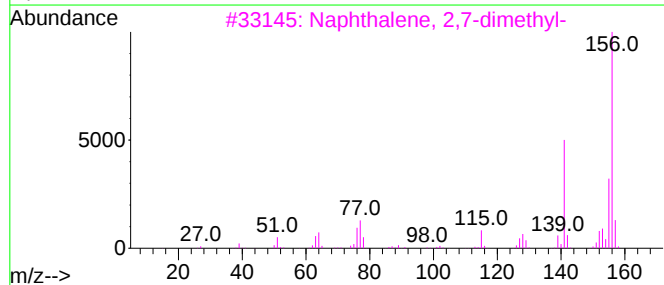
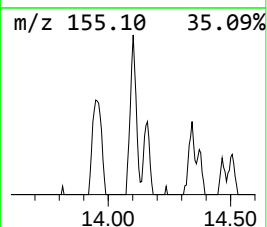
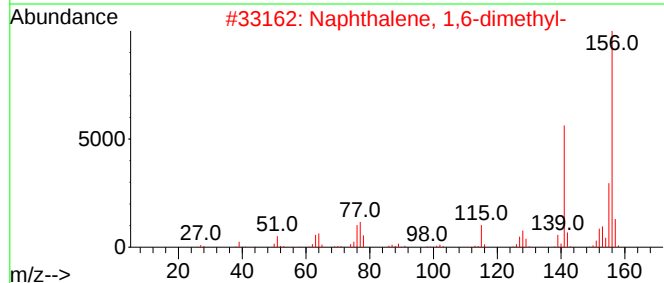
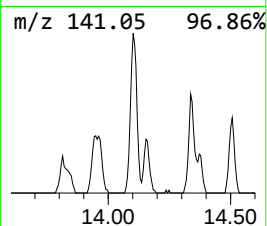
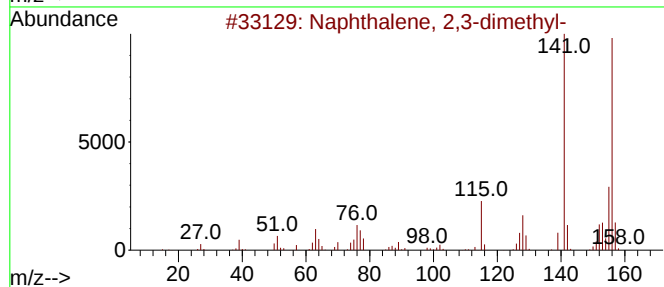
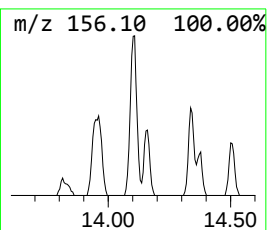
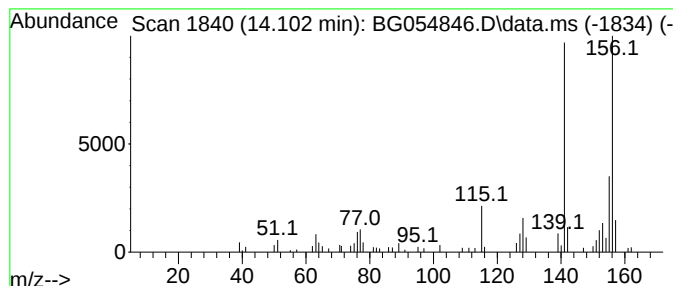
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.102	2.73 ng	81094	Acenaphthene-d10	14.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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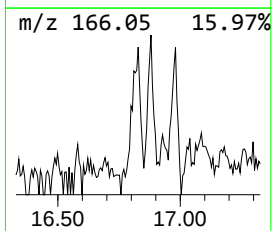
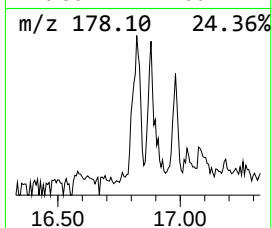
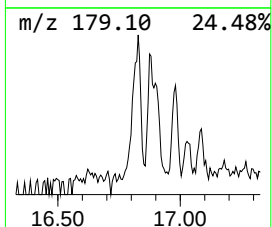
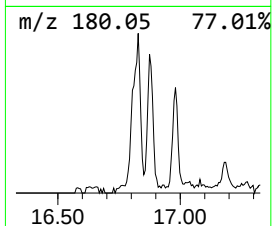
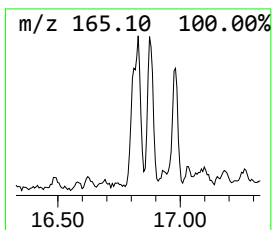
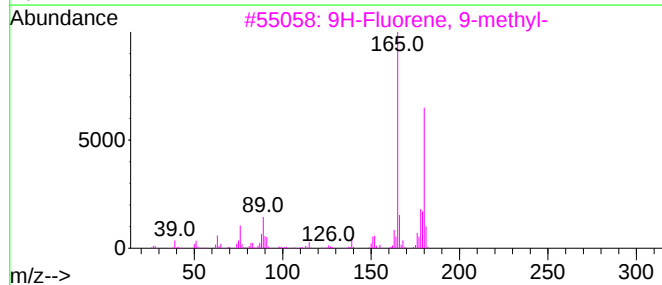
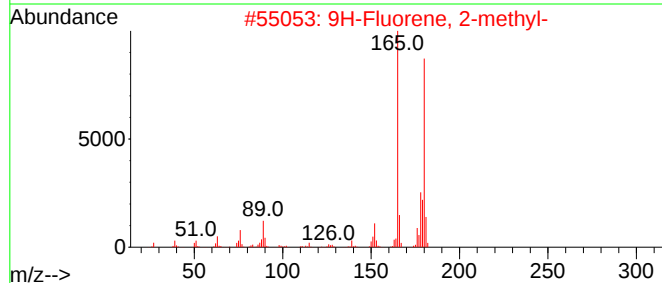
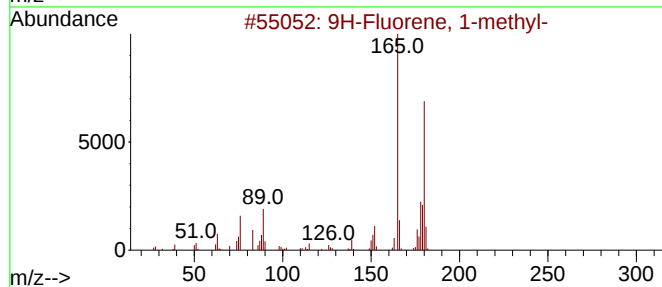
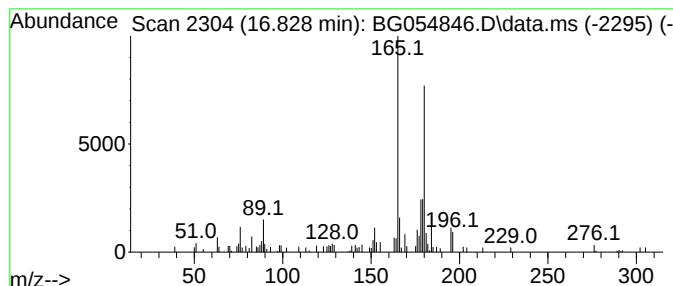
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.828	2.94 ng	95657	Phenanthrene-d10	17.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
4			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
5			4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	58



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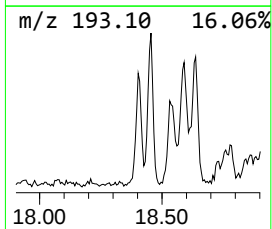
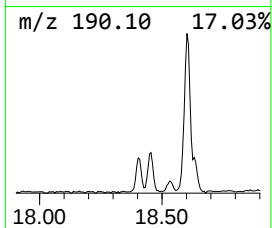
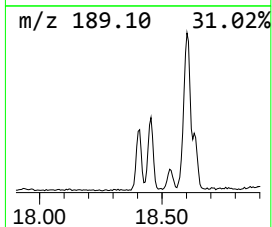
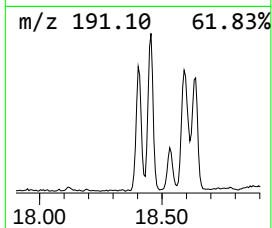
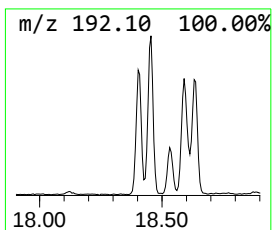
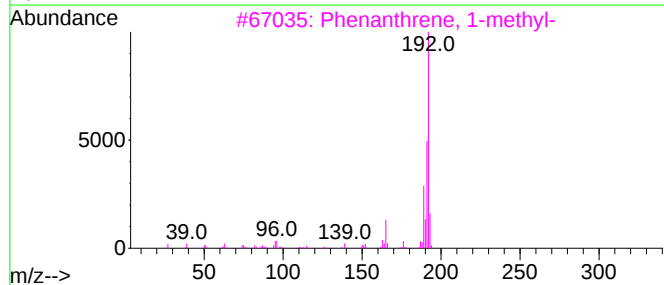
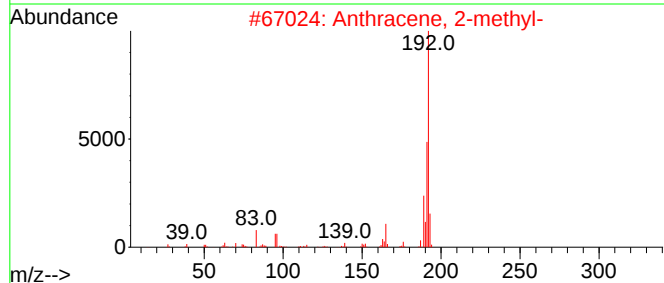
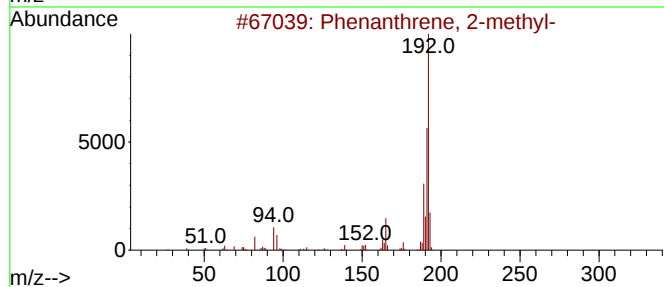
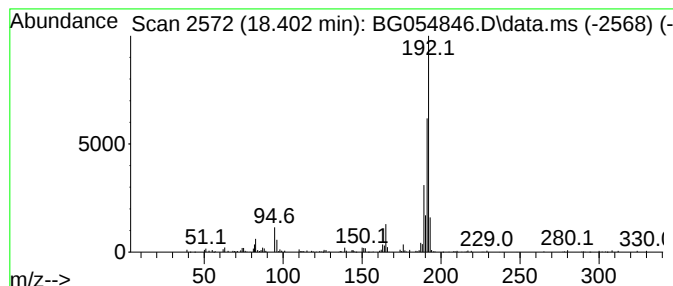
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.403	4.35 ng	141192	Phenanthrene-d10	17.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90



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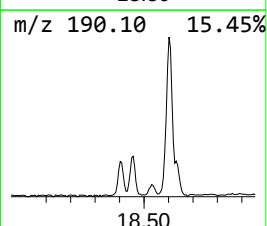
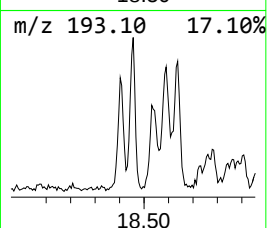
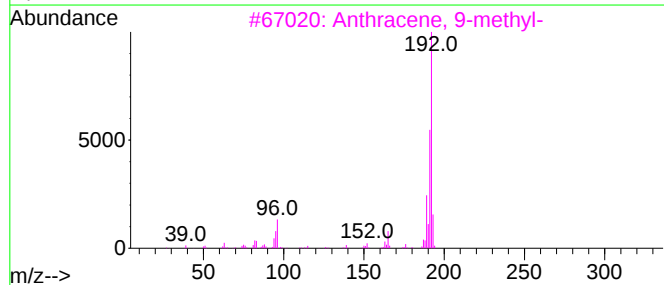
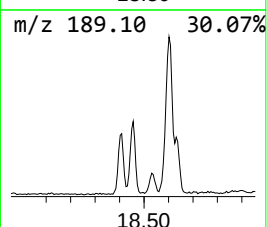
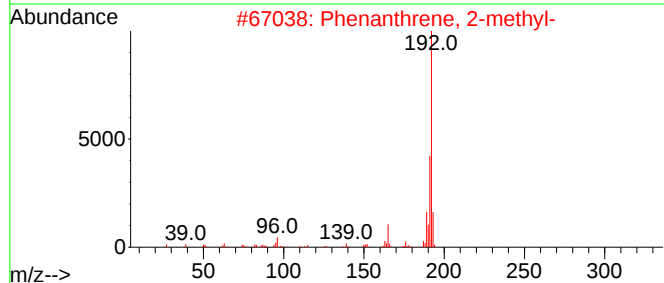
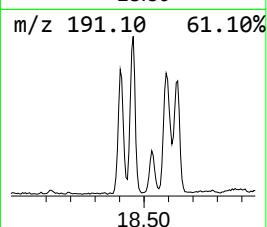
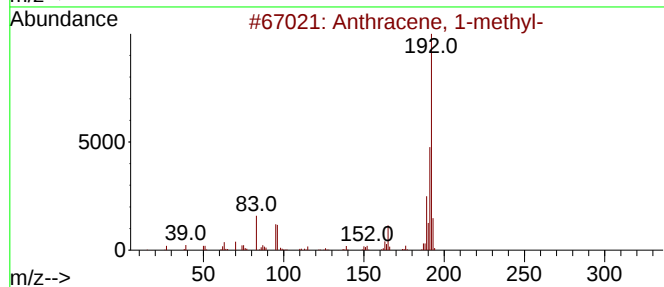
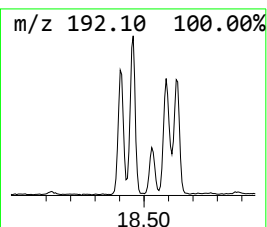
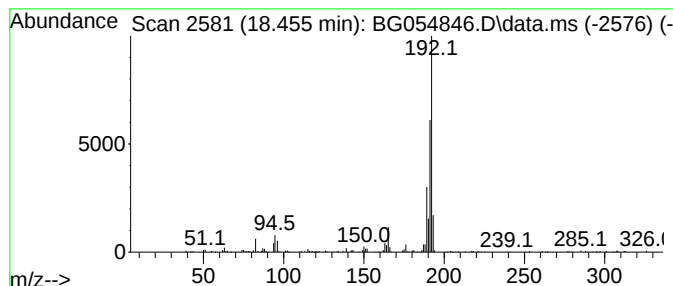
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.455	5.72 ng	185827	Phenanthrene-d10	17.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054846.D
Acq On : 2 Sep 2022 18:59
Operator : CG/JU
Sample : N4488-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-3-090122

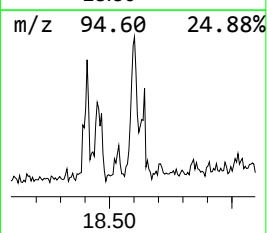
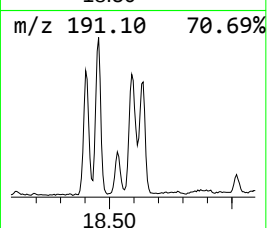
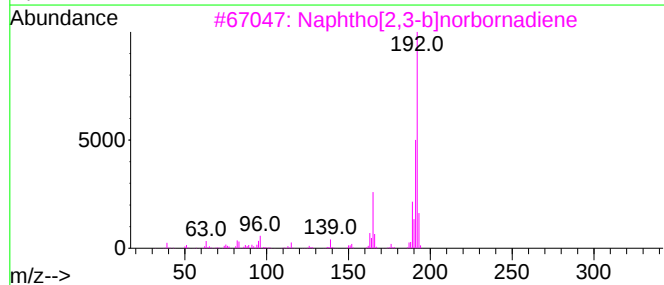
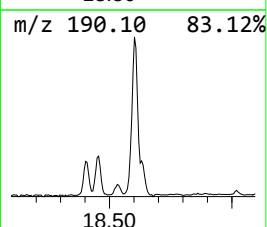
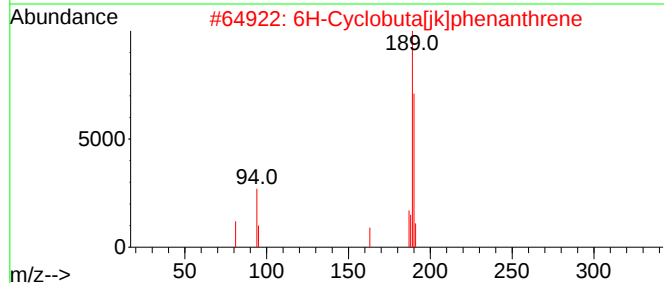
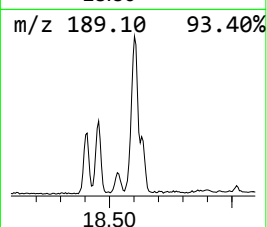
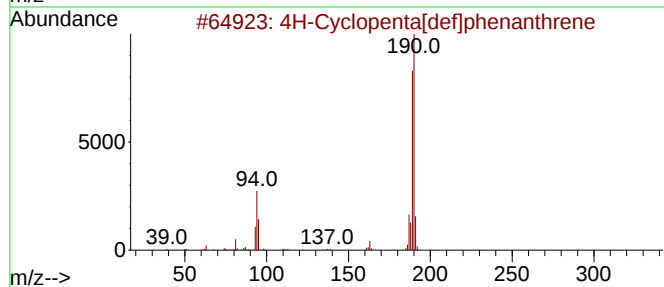
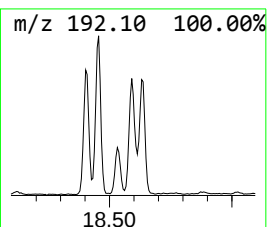
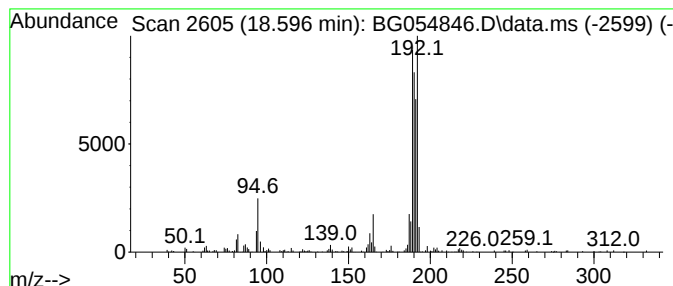
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown18.596 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.596	8.01 ng	260224	Phenanthrene-d10	17.533

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054846.D
Acq On : 2 Sep 2022 18:59
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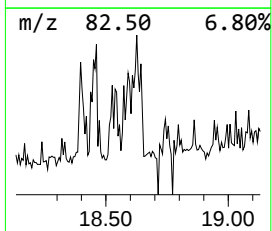
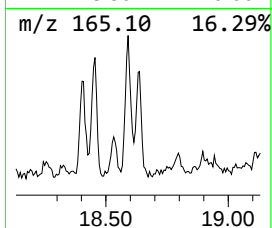
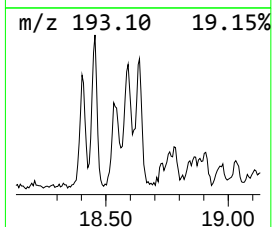
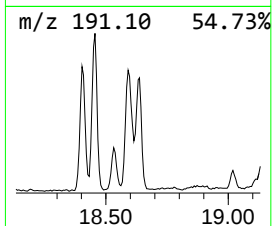
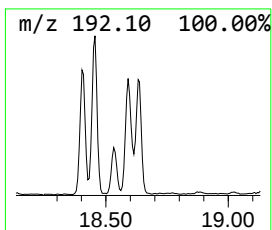
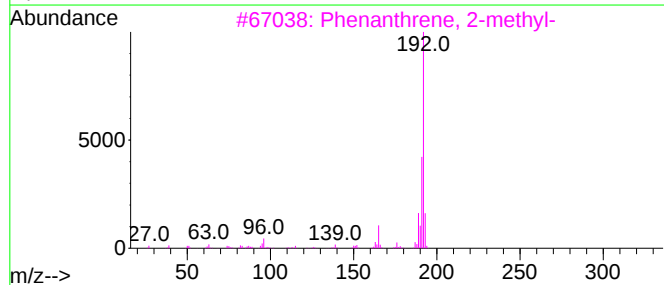
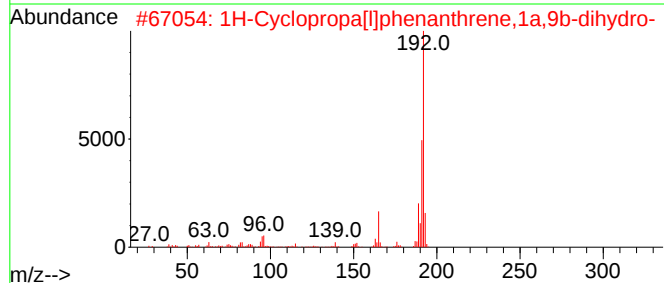
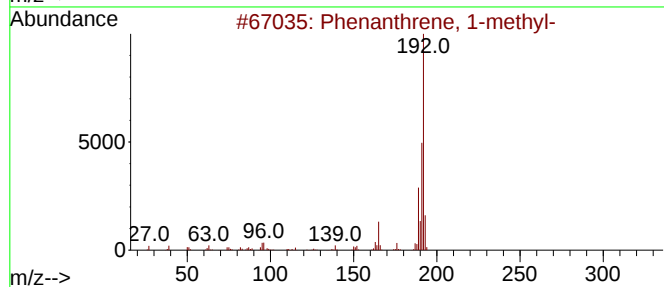
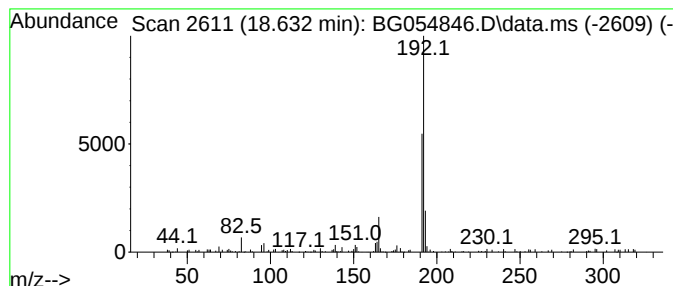
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.632	3.63 ng	117934	Phenanthrene-d10	17.533

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054846.D
Acq On : 2 Sep 2022 18:59
Operator : CG/JU
Sample : N4488-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-3-090122

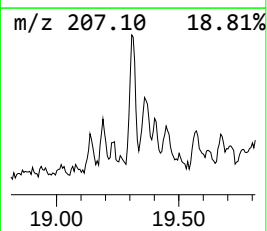
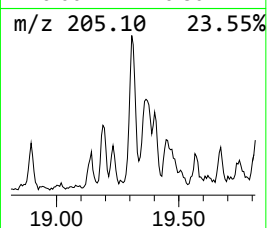
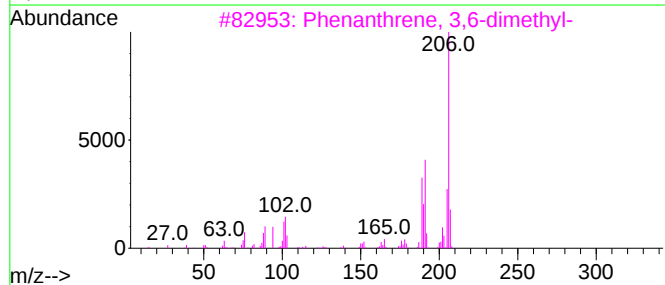
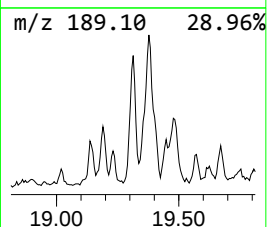
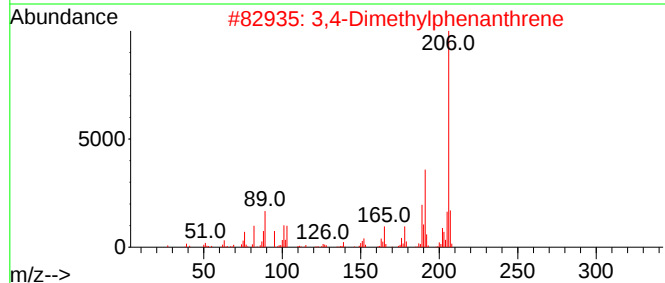
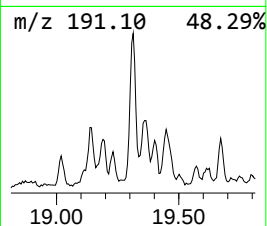
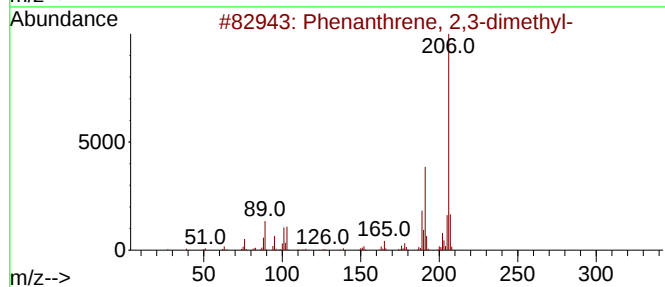
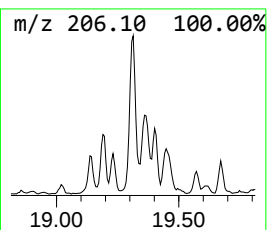
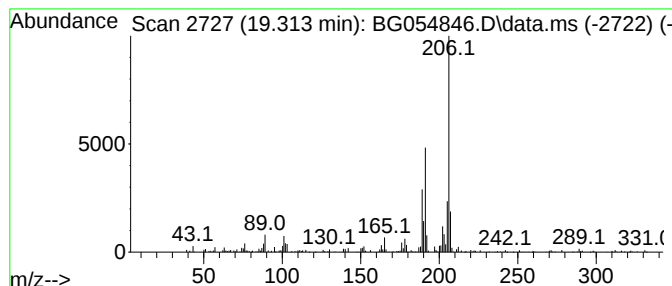
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.313	5.48 ng	178078	Phenanthrene-d10	17.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054846.D
Acq On : 2 Sep 2022 18:59
Operator : CG/JU
Sample : N4488-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-3-090122

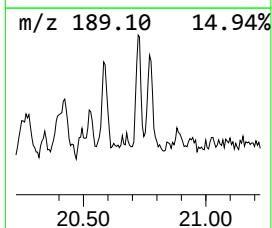
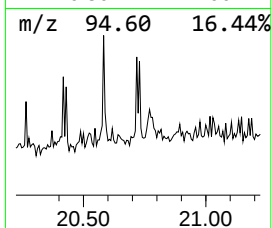
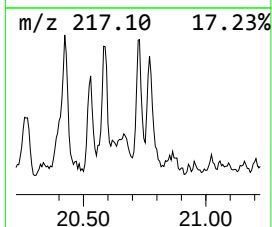
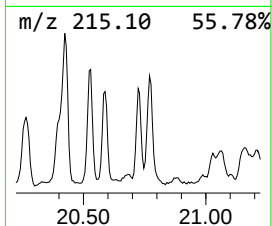
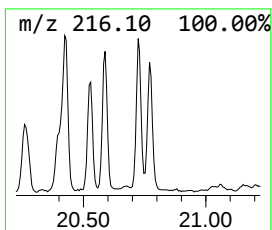
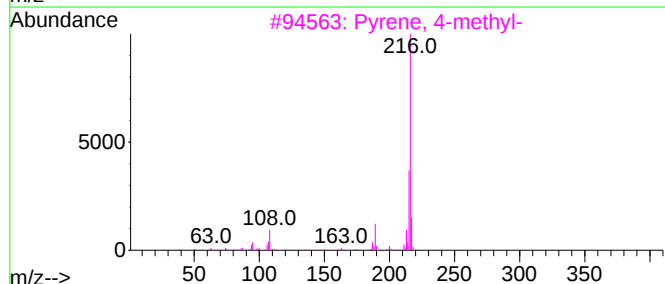
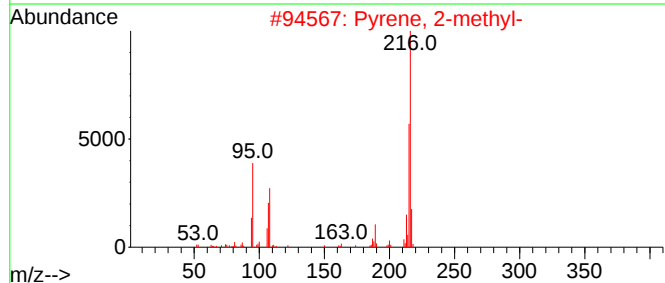
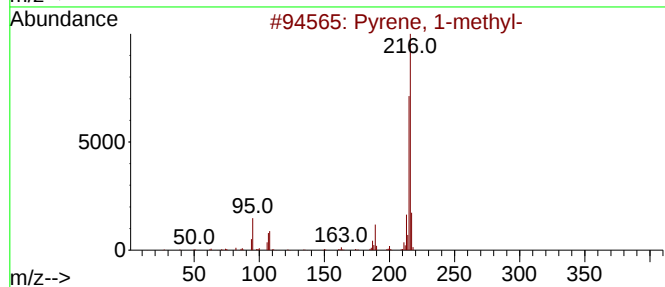
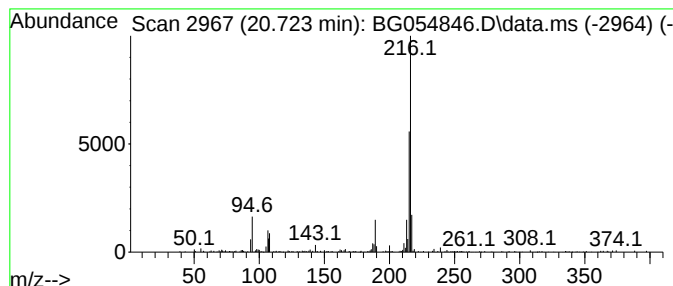
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.723	2.35 ng	97903	Chrysene-d12	21.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054846.D
Acq On : 2 Sep 2022 18:59
Operator : CG/JU
Sample : N4488-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-3-090122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
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9H-Fluorene, 1-...	16.828	2.9	ng	95657	4	17.533	649865	20.0
Phenanthrene, 2...	18.403	4.3	ng	141192	4	17.533	649865	20.0
Anthracene, 1-m...	18.455	5.7	ng	185827	4	17.533	649865	20.0
unknown18.596	18.596	8.0	ng	260224	4	17.533	649865	20.0
Phenanthrene, 1...	18.632	3.6	ng	117934	4	17.533	649865	20.0
Phenanthrene, 2...	19.313	5.5	ng	178078	4	17.533	649865	20.0
Pyrene, 1-methyl-	20.723	2.4	ng	97903	5	21.822	833368	20.0