

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
 Data File : BP004524.D
 Acq On : 13 Jan 2021 02:09
 Operator : CG/JU
 Sample : M1076-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-011121

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_P\METHODS\8270E-BP011221.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004524.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	370	377	386	rBV	413126	640246	8.17%	0.882%
2	6.987	637	646	658	rBV	390418	691163	8.82%	0.952%
3	7.816	779	787	796	rBV	793495	1292992	16.51%	1.780%
4	8.969	977	983	992	rBV	242405	413395	5.28%	0.569%
5	10.610	1251	1262	1268	rBV	1072276	1863670	23.80%	2.566%
6	12.275	1536	1545	1554	rBV	74387	128786	1.64%	0.177%
7	12.498	1574	1583	1590	rBV	69193	119181	1.52%	0.164%
8	13.080	1675	1682	1693	rBV	790791	1207025	15.41%	1.662%
9	13.639	1768	1777	1784	rBV2	31398	84239	1.08%	0.116%
10	13.780	1794	1801	1806	rBV	68803	123422	1.58%	0.170%
11	13.916	1816	1824	1834	rVV	55070	99428	1.27%	0.137%
12	14.186	1863	1870	1884	rBV	272948	459165	5.86%	0.632%
13	14.463	1908	1917	1923	rBV	1757485	2640430	33.71%	3.636%
14	14.527	1923	1928	1936	rVB	218355	339963	4.34%	0.468%
15	14.863	1980	1985	1993	rVB	160342	257576	3.29%	0.355%
16	15.080	2015	2022	2028	rBV3	35232	83546	1.07%	0.115%
17	15.516	2091	2096	2109	rVB2	335300	530569	6.77%	0.731%
18	15.816	2142	2147	2152	rBV	69107	106063	1.35%	0.146%
19	15.963	2164	2172	2179	rBV	689165	1074807	13.72%	1.480%
20	16.198	2207	2212	2219	rBV3	60477	109425	1.40%	0.151%
21	16.527	2262	2268	2273	rVV2	67499	116085	1.48%	0.160%
22	16.798	2311	2314	2322	rVB3	52418	80100	1.02%	0.110%
23	16.880	2324	2328	2335	rVB2	67460	107856	1.38%	0.149%
24	16.957	2336	2341	2344	rBV	53219	93881	1.20%	0.129%
25	17.039	2351	2355	2364	rVB	146880	248340	3.17%	0.342%
26	17.227	2381	2387	2390	rBV	2142165	3146181	40.17%	4.332%
27	17.268	2390	2394	2400	rVV	2388885	3359460	42.89%	4.626%
28	17.357	2404	2409	2415	rVB	817581	1168673	14.92%	1.609%
29	17.416	2415	2419	2425	rBV3	72044	126448	1.61%	0.174%
30	17.627	2448	2455	2461	rBV	296654	481910	6.15%	0.664%
31	17.745	2472	2475	2479	rVB2	64738	82270	1.05%	0.113%
32	17.804	2482	2485	2493	rVB4	63687	114554	1.46%	0.158%
33	18.098	2530	2535	2538	rBV	319048	461851	5.90%	0.636%
34	18.139	2538	2542	2550	rVB	491046	687225	8.77%	0.946%
35	18.221	2552	2556	2561	rVV	245266	318934	4.07%	0.439%
36	18.286	2561	2567	2571	rVV3	608674	1096735	14.00%	1.510%

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37	18.321	2571	2573	2578	rVB	240684	261129	3.33%	0.360%
38	18.480	2596	2600	2604	rBV3	54440	87783	1.12%	0.121%
39	18.580	2613	2617	2621	rBV	261724	333620	4.26%	0.459%
40	18.621	2621	2624	2630	rVB2	154643	210952	2.69%	0.290%
41	18.868	2661	2666	2669	rVB2	96509	172349	2.20%	0.237%
42	18.986	2681	2686	2691	rBV	239255	453845	5.79%	0.625%
43	19.121	2705	2709	2716	rBV3	199716	347666	4.44%	0.479%
44	19.239	2724	2729	2736	rBV	4689761	6415385	81.91%	8.834%
45	19.333	2743	2745	2749	rVB	103476	116282	1.48%	0.160%
46	19.386	2751	2754	2758	rVV	158137	192306	2.46%	0.265%
47	19.480	2766	2770	2773	rBV	136571	201582	2.57%	0.278%
48	19.562	2780	2784	2786	rBV2	800171	1142049	14.58%	1.573%
49	19.592	2786	2789	2797	rVV	3820787	5412737	69.11%	7.453%
50	19.662	2798	2801	2807	rVB2	217996	337244	4.31%	0.464%
51	19.786	2816	2822	2826	rBV2	1461483	1993832	25.46%	2.746%
52	19.910	2838	2843	2849	rBV2	296938	754027	9.63%	1.038%
53	20.080	2868	2872	2876	rVB2	707972	989724	12.64%	1.363%
54	20.174	2884	2888	2892	rBV	558257	651511	8.32%	0.897%
55	20.233	2894	2898	2901	rVB2	359525	519890	6.64%	0.716%
56	20.368	2918	2921	2925	rBV	231507	295489	3.77%	0.407%
57	20.415	2926	2929	2932	rVB	207545	257597	3.29%	0.355%
58	20.809	2993	2996	3002	rVB	389802	509690	6.51%	0.702%
59	21.045	3033	3036	3041	rBV3	406561	621128	7.93%	0.855%
60	21.092	3041	3044	3053	rVB3	643385	1014830	12.96%	1.397%
61	21.315	3076	3082	3086	rBV3	3915174	7832037	100.00%	10.785%
62	21.357	3086	3089	3099	rVB	2372289	3074002	39.25%	4.233%
63	21.474	3106	3109	3115	rBV	381031	581714	7.43%	0.801%
64	22.962	3356	3362	3367	rBV	2120937	4837875	61.77%	6.662%
65	23.468	3444	3448	3456	rVB	1154548	2196441	28.04%	3.025%
66	23.574	3460	3466	3473	rVB	1909202	3752167	47.91%	5.167%
67	23.674	3478	3483	3489	rBV2	1632084	3098784	39.57%	4.267%

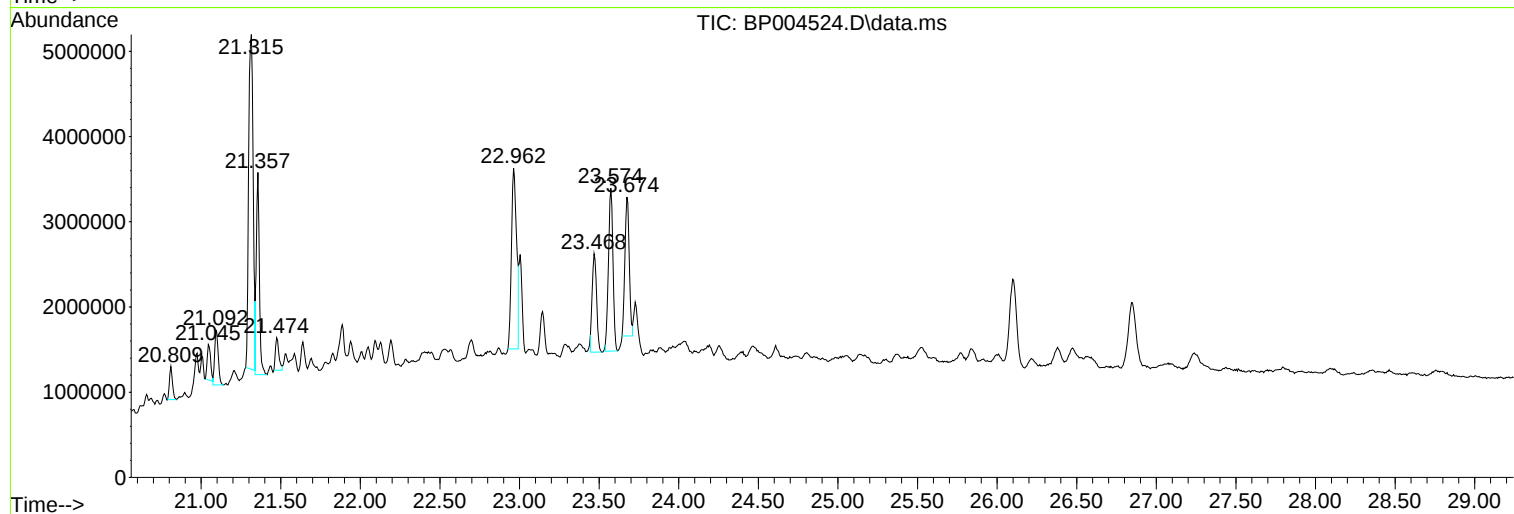
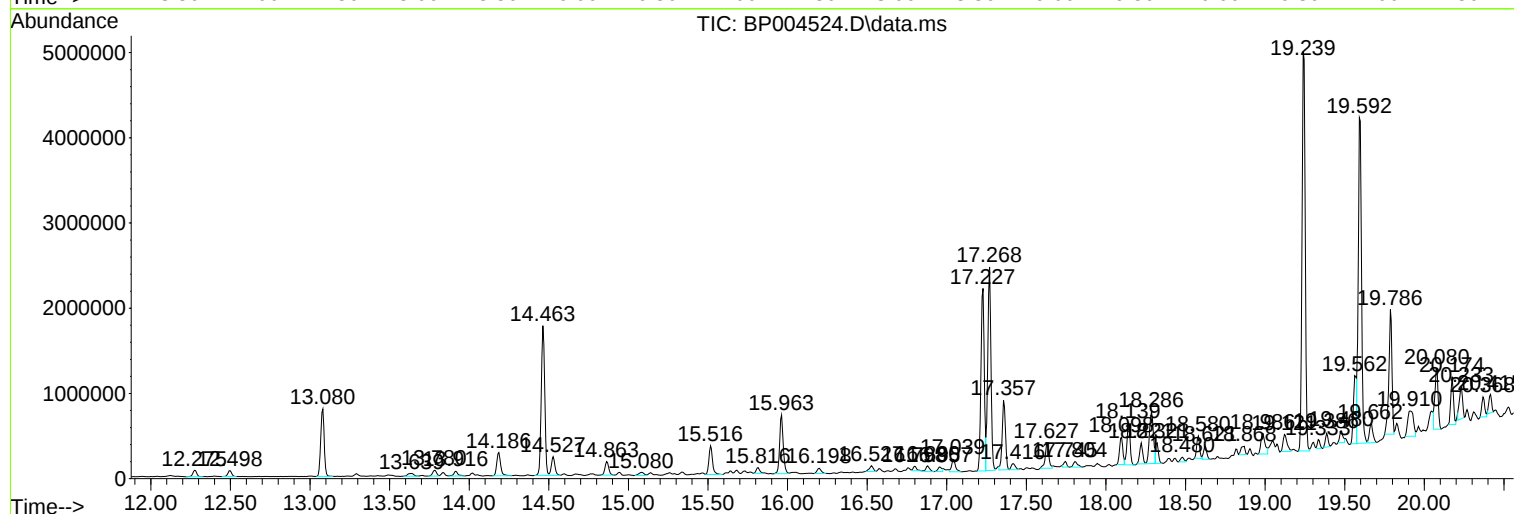
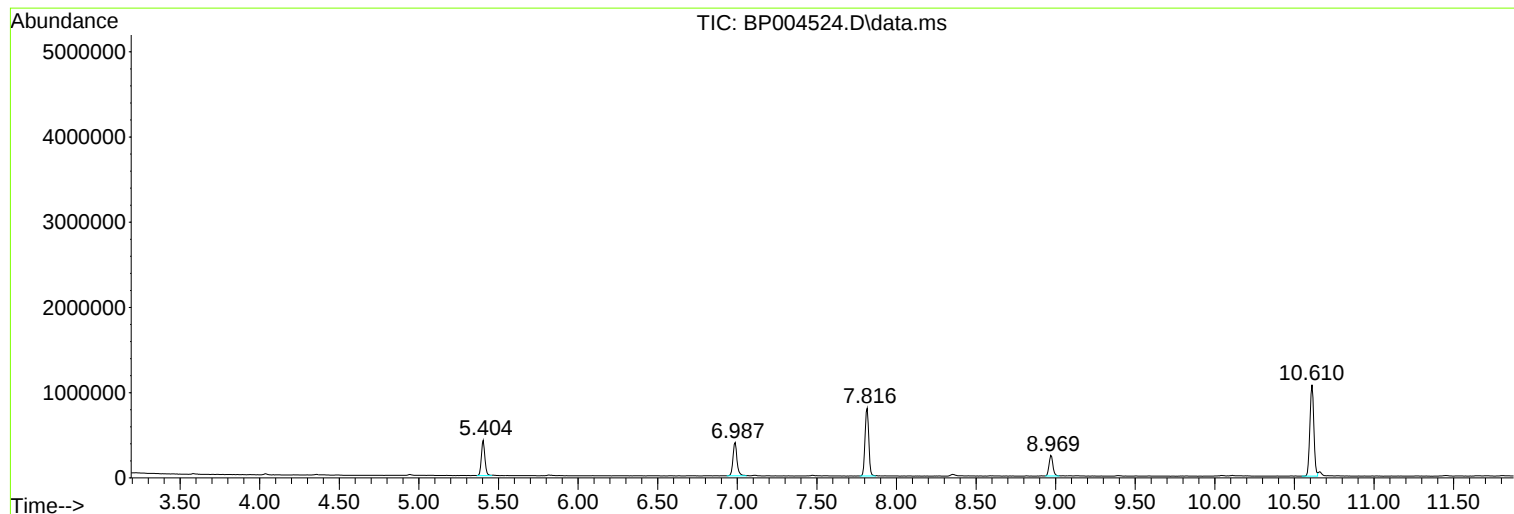
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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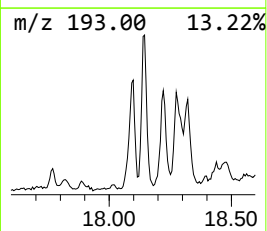
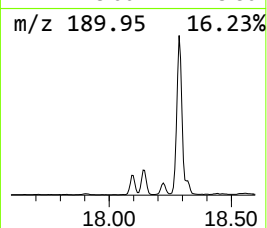
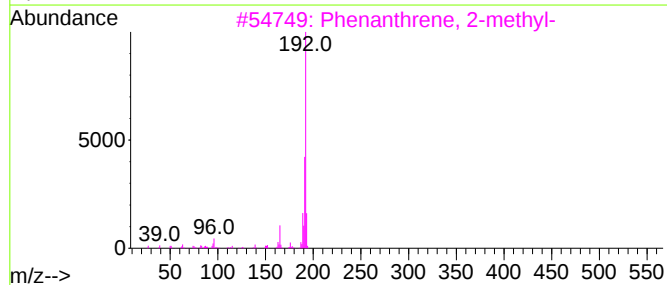
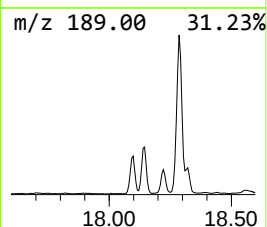
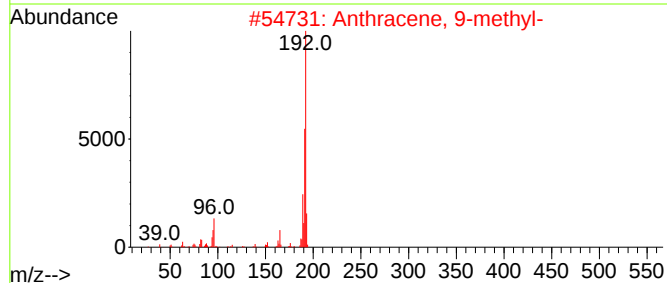
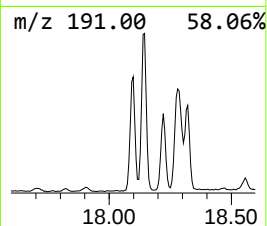
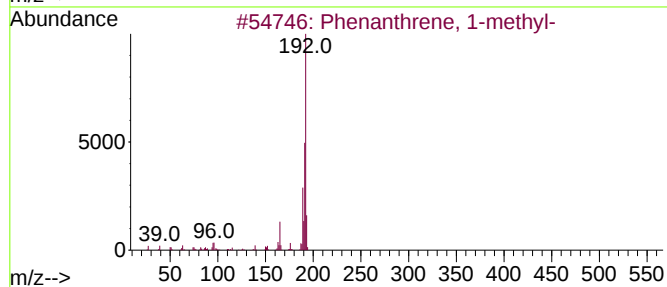
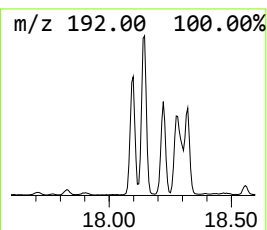
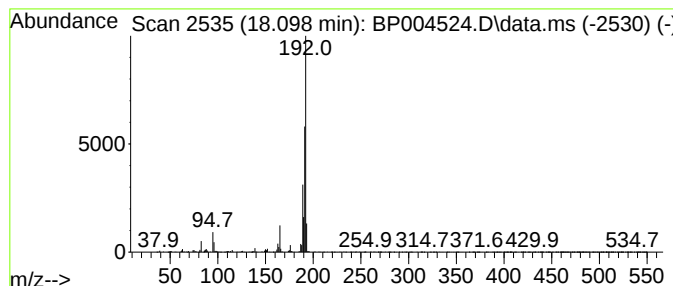
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	2.94 ng	461851	Phenanthrene-d10	17.227

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83



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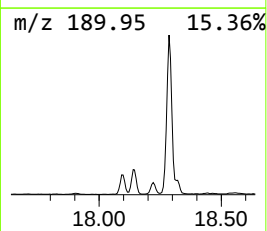
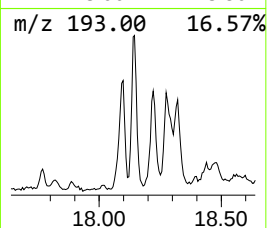
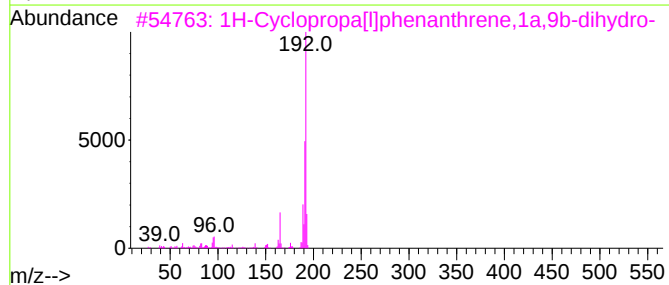
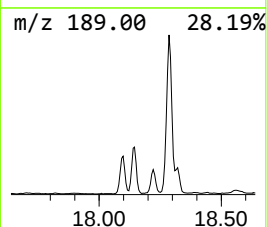
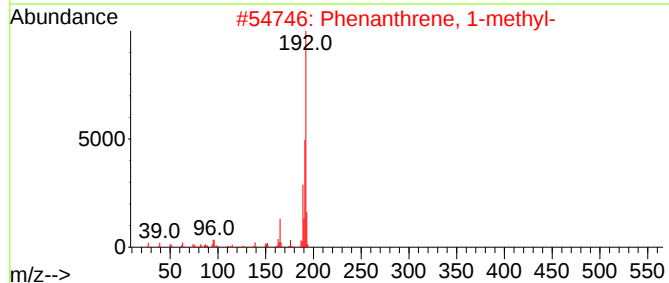
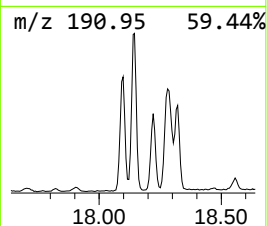
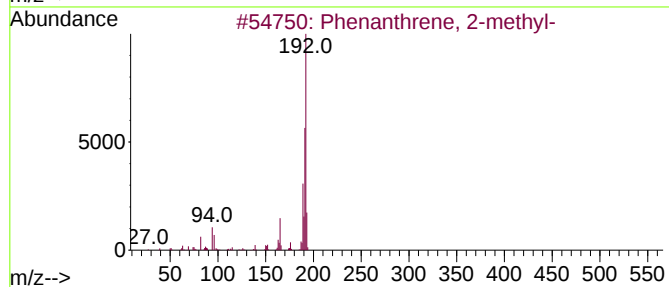
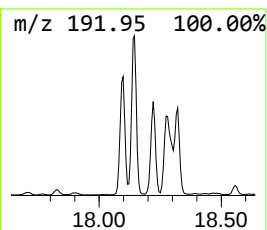
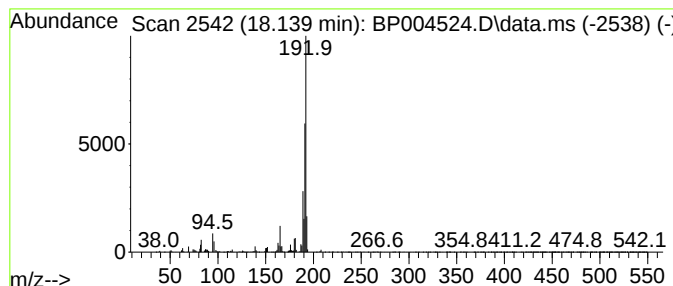
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	4.37 ng	687225	Phenanthrene-d10	17.227

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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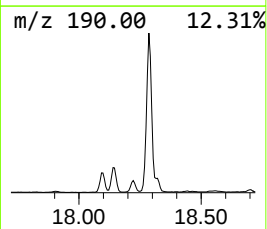
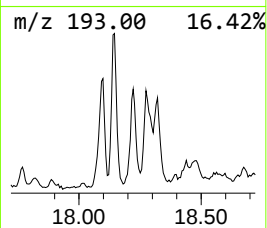
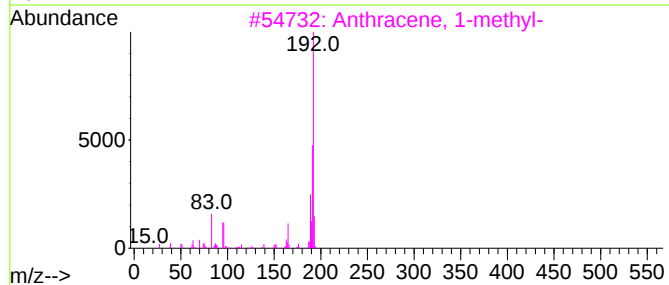
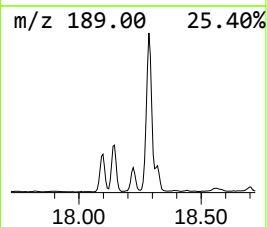
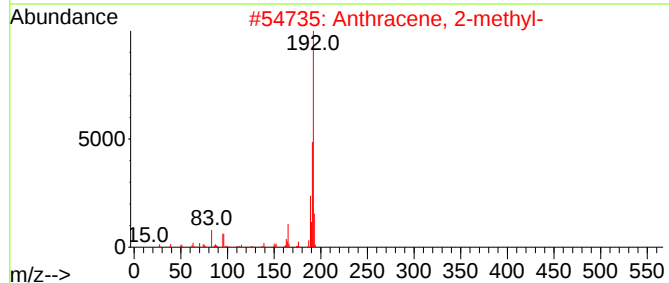
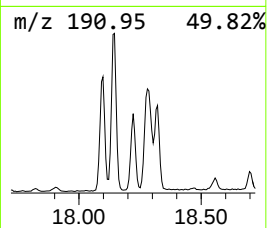
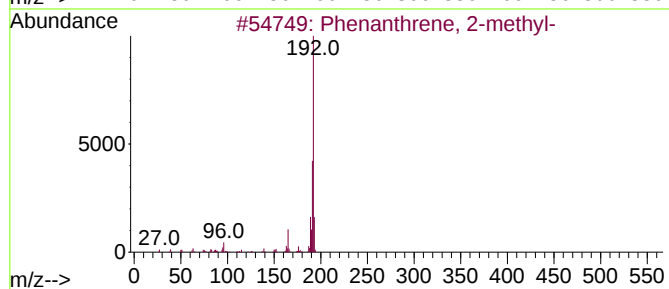
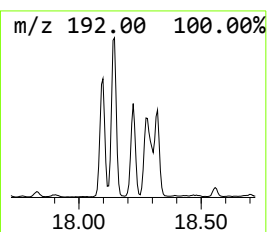
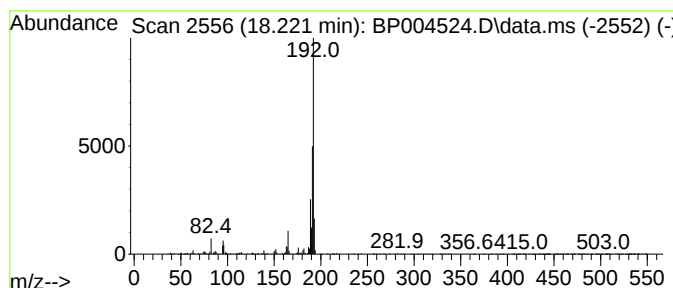
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	2.03 ng	318934	Phenanthrene-d10	17.227

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



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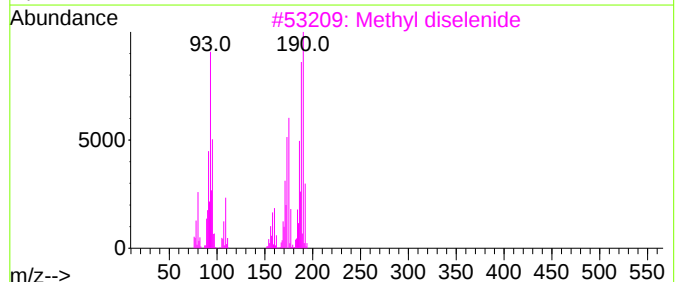
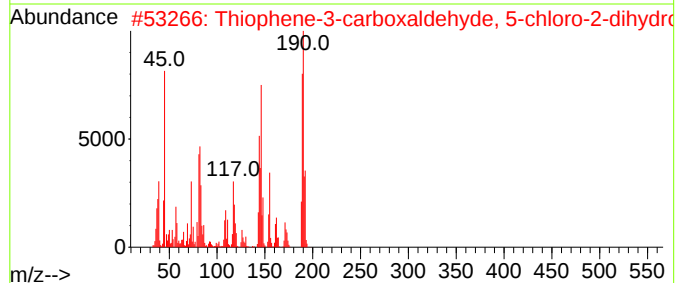
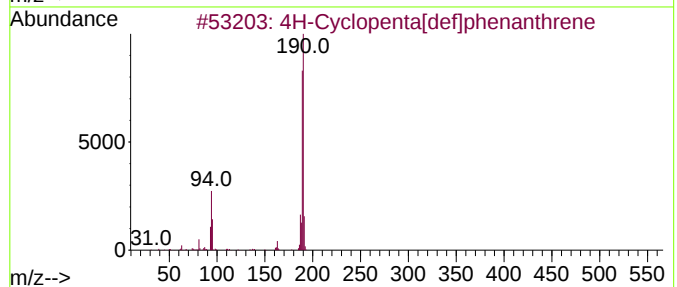
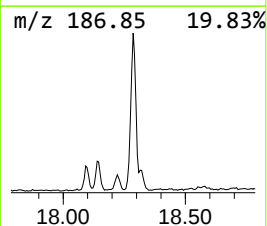
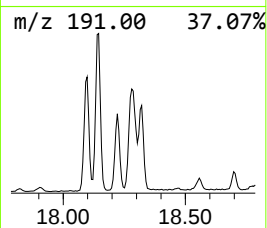
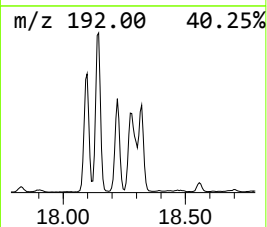
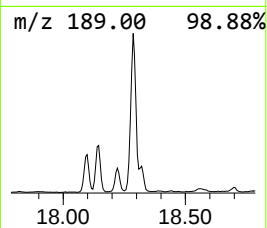
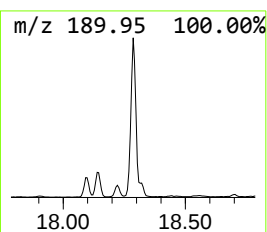
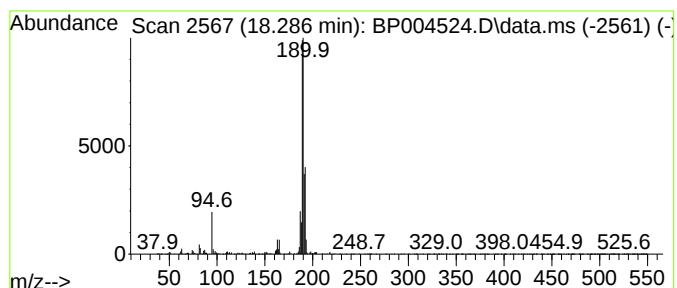
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	6.97 ng	1096740	Phenanthrene-d10	17.227

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3			Methyl diselenide	190	C2H6Se2	007101-31-7	49
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
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Acq On : 13 Jan 2021 02:09
Operator : CG/JU
Sample : M1076-01 5X
Misc :
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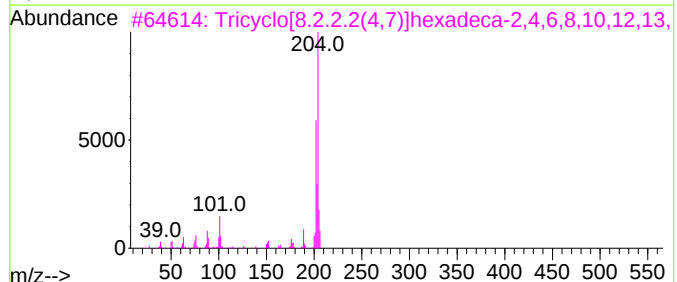
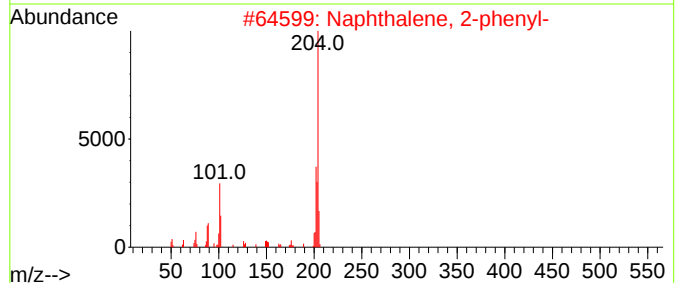
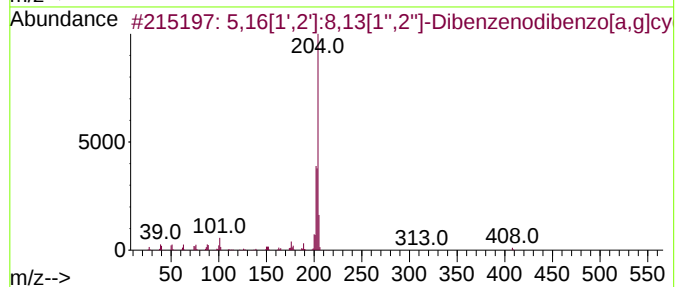
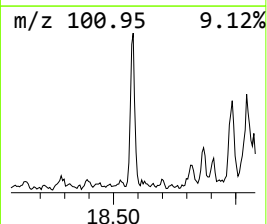
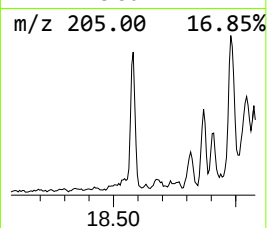
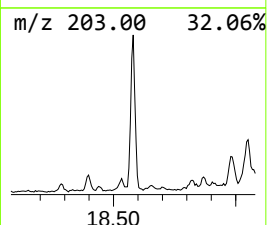
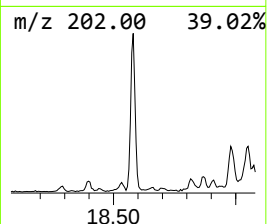
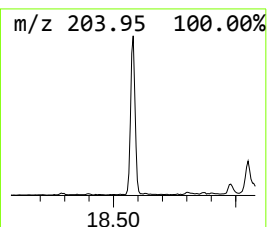
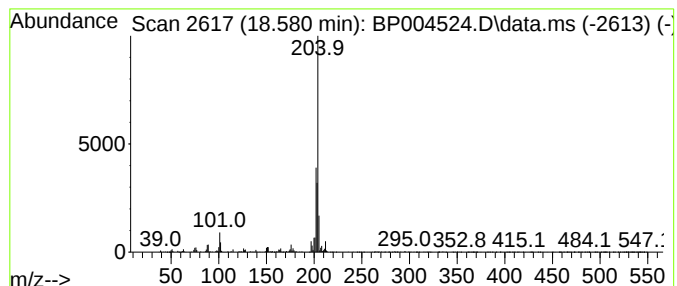
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.580	2.12 ng	333620	Phenanthrene-d10	17.227	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004524.D
Acq On : 13 Jan 2021 02:09
Operator : CG/JU
Sample : M1076-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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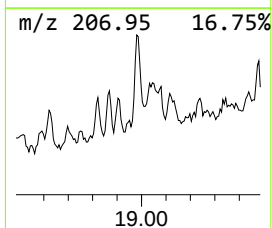
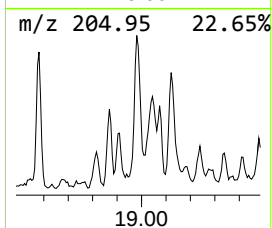
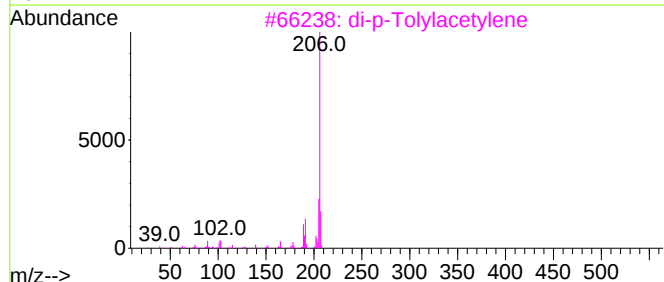
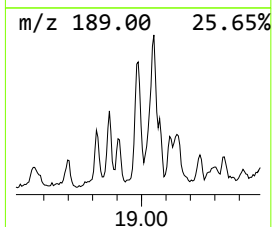
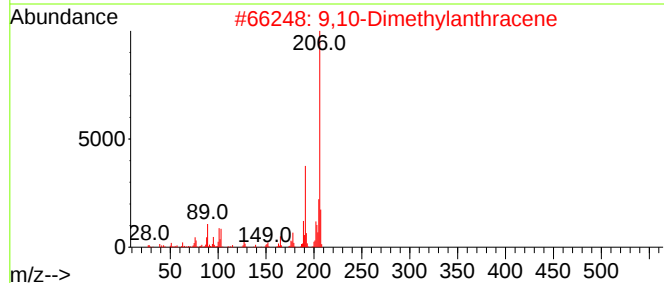
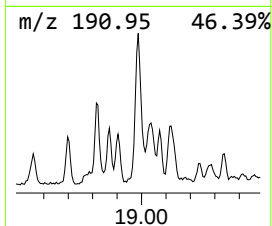
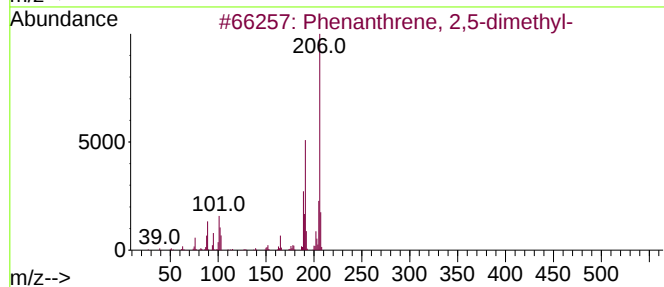
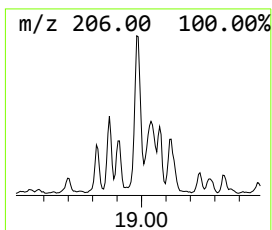
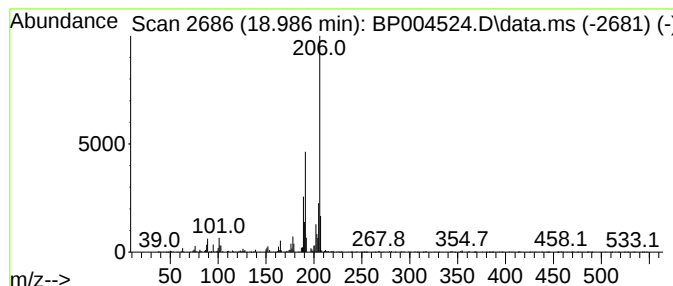
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	2.89 ng	453845	Phenanthrene-d10	17.227

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004524.D
Acq On : 13 Jan 2021 02:09
Operator : CG/JU
Sample : M1076-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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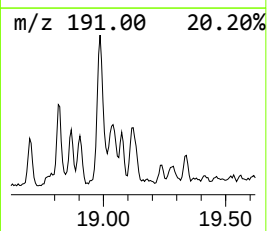
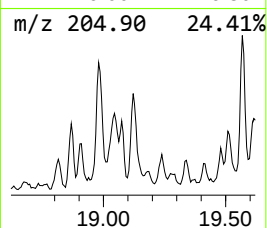
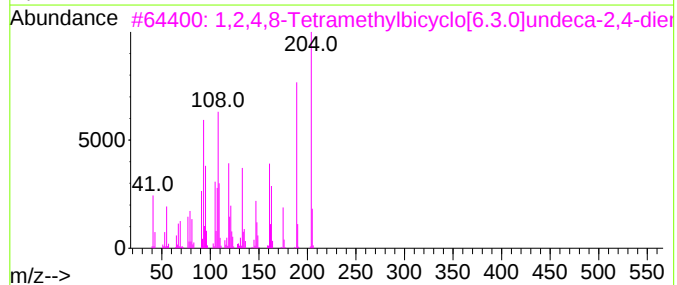
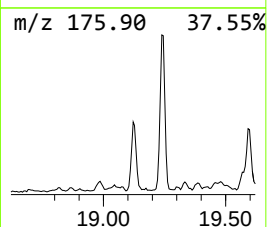
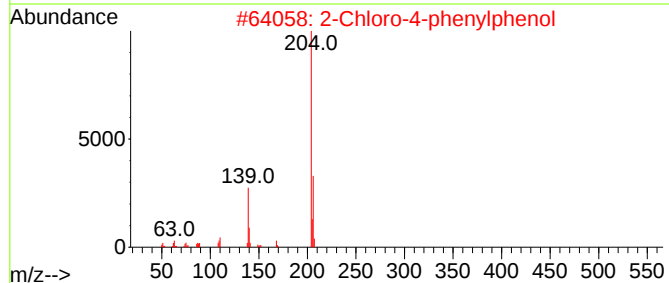
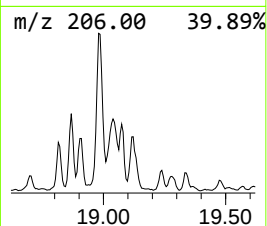
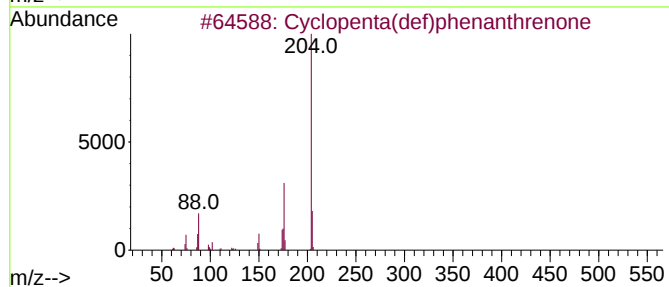
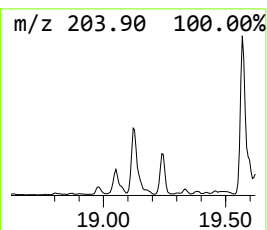
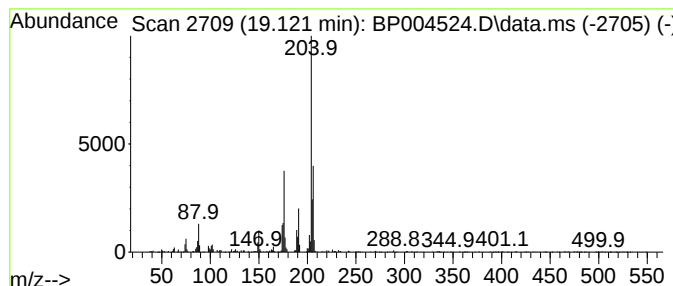
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.121	2.21 ng	347666	Phenanthrene-d10	17.227

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2			2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
3			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-dien-6-ylidene	204	C15H24	137235-51-9	45
4			Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	38
5			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004524.D
Acq On : 13 Jan 2021 02:09
Operator : CG/JU
Sample : M1076-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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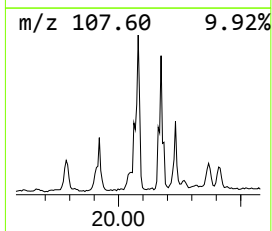
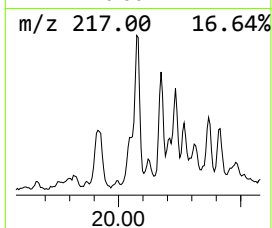
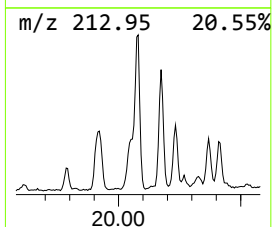
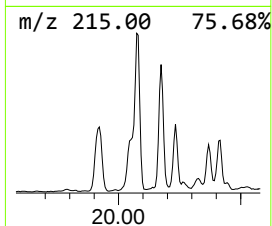
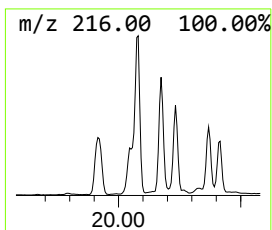
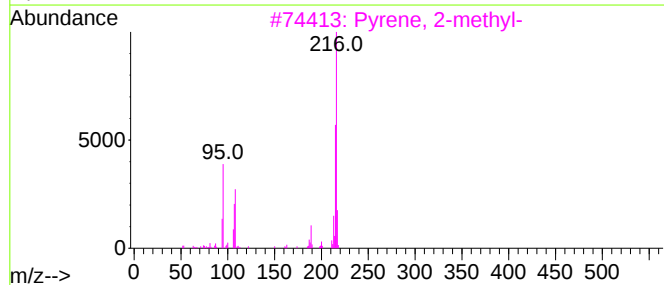
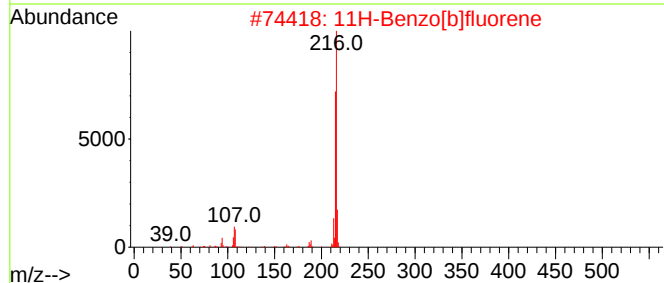
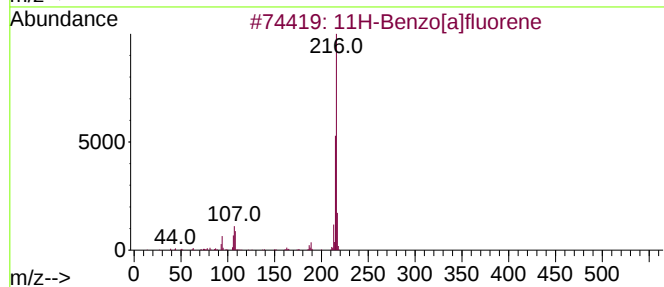
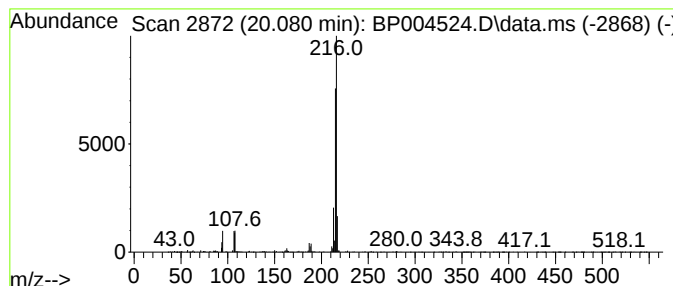
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	2.53 ng	989724	Chrysene-d12	21.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5			Fluoranthene, 2-methyl-	216	C17H12	003543-31-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004524.D
Acq On : 13 Jan 2021 02:09
Operator : CG/JU
Sample : M1076-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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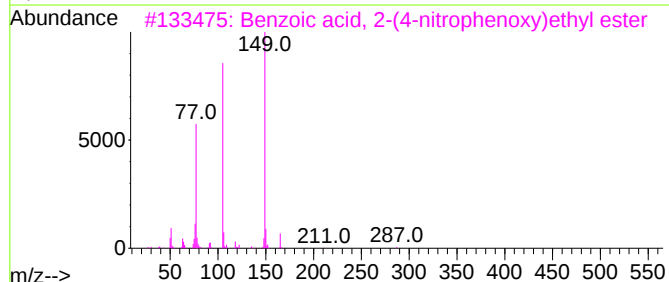
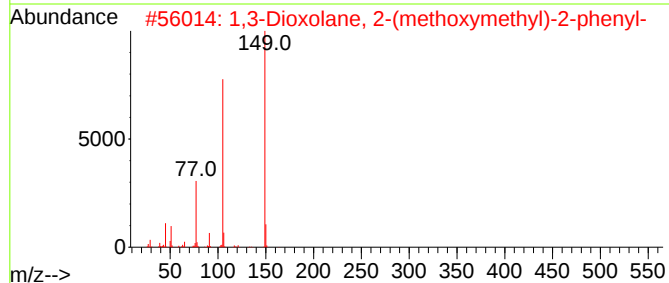
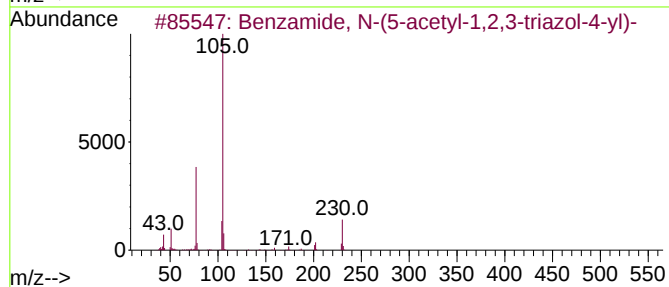
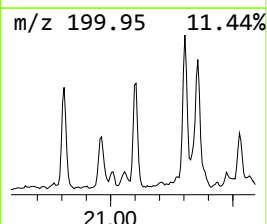
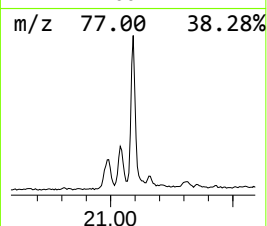
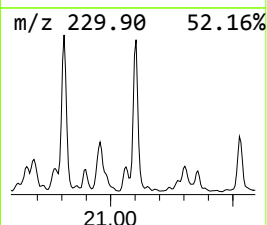
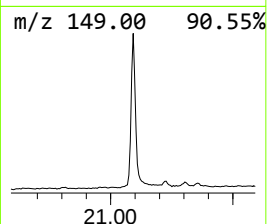
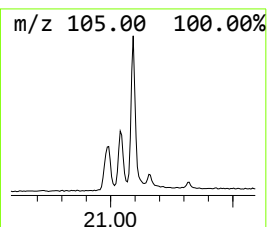
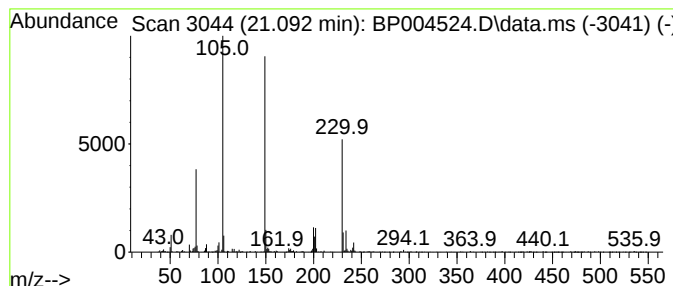
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown21.092 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	2.59 ng	1014830	Chrysene-d12	21.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzamide, N-(5-acetyl-1,2,3-tri...	230	C11H10N4O2	129959-33-7	46
2			1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	38
3			Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	38
4			2-(2-(2-Butoxyethoxy)ethoxy)ethy...	310	C17H26O5	1000366-97-2	38
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
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Acq On : 13 Jan 2021 02:09
Operator : CG/JU
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Misc :
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Instrument :
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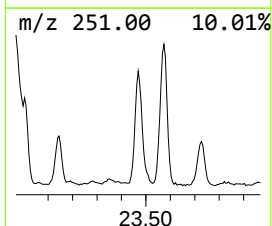
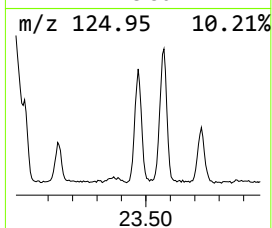
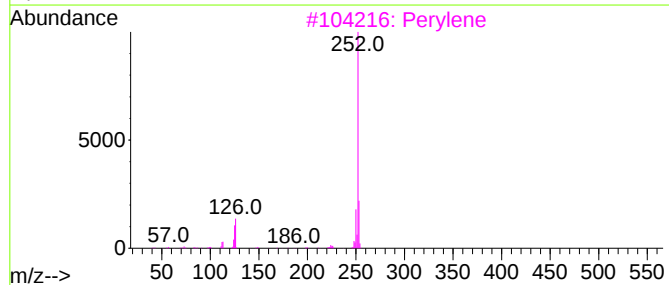
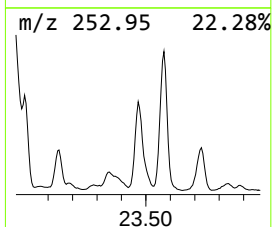
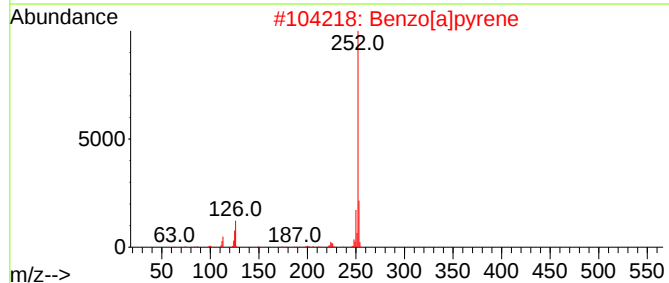
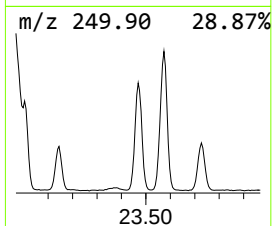
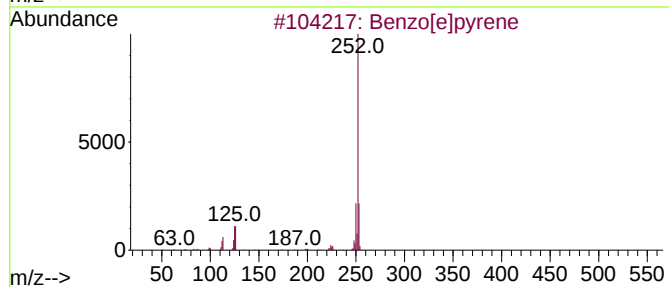
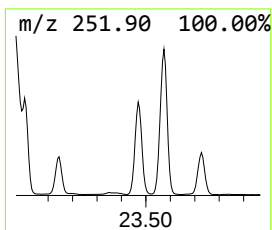
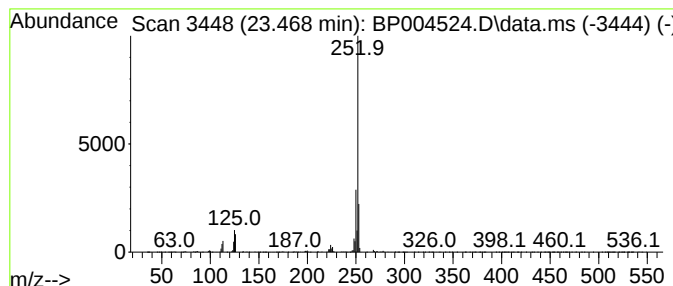
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.468	14.18 ng	2196440	Perylene-d12	23.674

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Perylene	252	C20H12	000198-55-0	91
4			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
 Data File : BP004524.D
 Acq On : 13 Jan 2021 02:09
 Operator : CG/JU
 Sample : M1076-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1...	18.098	2.9	ng	461851	4	17.227	3146180	20.0
Phenanthrene, 2...	18.139	4.4	ng	687225	4	17.227	3146180	20.0
Anthracene, 2-m...	18.221	2.0	ng	318934	4	17.227	3146180	20.0
4H-Cyclopenta[d...	18.286	7.0	ng	1096740	4	17.227	3146180	20.0
5,16[1',2']:8,1...	18.580	2.1	ng	333620	4	17.227	3146180	20.0
Phenanthrene, 2...	18.986	2.9	ng	453845	4	17.227	3146180	20.0
Cyclopenta(def)...	19.121	2.2	ng	347666	4	17.227	3146180	20.0
11H-Benzo[a]flu...	20.080	2.5	ng	989724	5	21.321	7832040	20.0
unknown21.092	21.092	2.6	ng	1014830	5	21.321	7832040	20.0
Benzo[e]pyrene	23.468	14.2	ng	2196440	6	23.674	3098780	20.0