

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003307.D
 Acq On : 16 Sep 2020 18:09
 Operator : CG/JU
 Sample : L4019-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-220

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\8270-BP091520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003307.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.228	391	398	414	rBV	1306806	1987560	37.32%	3.405%
2	6.810	658	667	696	rBV	1199064	2043123	38.36%	3.501%
3	7.616	796	804	813	rBV	482527	767300	14.41%	1.315%
4	8.763	991	999	1017	rBV	819594	1450152	27.23%	2.485%
5	10.393	1267	1276	1296	rBV	575451	1106918	20.78%	1.897%
6	12.881	1692	1699	1714	rBV	2326651	3629152	68.15%	6.218%
7	13.722	1833	1842	1852	rBV	186589	310652	5.83%	0.532%
8	13.981	1879	1886	1902	rVB	141949	225846	4.24%	0.387%
9	14.263	1927	1934	1940	rBV	982891	1479511	27.78%	2.535%
10	14.322	1940	1944	1953	rVB	89162	142601	2.68%	0.244%
11	14.669	1997	2003	2010	rBV	55403	88435	1.66%	0.152%
12	15.316	2107	2113	2126	rVB	140418	212783	4.00%	0.365%
13	15.616	2159	2164	2176	rVB2	31562	57895	1.09%	0.099%
14	15.757	2182	2188	2199	rBV	1721060	2650967	49.78%	4.542%
15	15.998	2223	2229	2233	rBV3	36860	67521	1.27%	0.116%
16	16.328	2274	2285	2290	rBV5	29602	85927	1.61%	0.147%
17	16.675	2339	2344	2351	rVB	49174	90499	1.70%	0.155%
18	16.757	2353	2358	2363	rVV4	26339	61097	1.15%	0.105%
19	16.833	2367	2371	2380	rVB	69338	121852	2.29%	0.209%
20	17.016	2396	2402	2405	rBV	1220920	1740229	32.68%	2.982%
21	17.057	2405	2409	2416	rVV	1142210	1571712	29.51%	2.693%
22	17.145	2416	2424	2431	rVV	340289	536308	10.07%	0.919%
23	17.210	2431	2435	2441	rVB3	43800	70708	1.33%	0.121%
24	17.422	2462	2471	2476	rBV2	155534	287970	5.41%	0.493%
25	17.539	2487	2491	2497	rVB3	53447	70387	1.32%	0.121%
26	17.892	2544	2551	2554	rBV	149309	218949	4.11%	0.375%
27	17.933	2554	2558	2565	rVV	240601	359639	6.75%	0.616%
28	18.016	2568	2572	2577	rVV	93335	138952	2.61%	0.238%
29	18.080	2577	2583	2587	rVV3	348533	596926	11.21%	1.023%
30	18.116	2587	2589	2596	rVB	109518	131234	2.46%	0.225%
31	18.380	2629	2634	2637	rBV	155141	201350	3.78%	0.345%
32	18.416	2637	2640	2647	rVB	127313	179260	3.37%	0.307%
33	18.616	2671	2674	2679	rVB	46672	56067	1.05%	0.096%
34	18.669	2679	2683	2686	rVV	48208	60441	1.13%	0.104%
35	18.704	2686	2689	2693	rVB	47300	57709	1.08%	0.099%
36	18.786	2698	2703	2708	rBV2	124575	235703	4.43%	0.404%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003307.D
 Acq On : 16 Sep 2020 18:09
 Operator : CG/JU
 Sample : L4019-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-220

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\8270-BP091520.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.839	2708	2712	2716	rBV3	52123	81468	1.53%	0.140%
38	18.922	2721	2726	2733	rBV	165264	273760	5.14%	0.469%
39	19.039	2740	2746	2752	rBV	2761344	3611363	67.81%	6.187%
40	19.104	2753	2757	2759	rBV	50726	64617	1.21%	0.111%
41	19.133	2759	2762	2766	rVB2	59422	73596	1.38%	0.126%
42	19.180	2767	2770	2774	rVB	83208	104984	1.97%	0.180%
43	19.274	2782	2786	2789	rBV	57997	69409	1.30%	0.119%
44	19.386	2796	2805	2814	rBV	2125672	3457617	64.92%	5.924%
45	19.463	2814	2818	2825	rVB2	94927	157475	2.96%	0.270%
46	19.592	2831	2840	2844	rBV	3976748	5325605	100.00%	9.124%
47	19.622	2844	2845	2851	rVB	146031	158155	2.97%	0.271%
48	19.704	2854	2859	2864	rBV5	157035	373914	7.02%	0.641%
49	19.745	2864	2866	2871	rVB2	122275	148016	2.78%	0.254%
50	19.839	2877	2882	2884	rBV5	145713	236015	4.43%	0.404%
51	19.874	2884	2888	2892	rVB	370519	521254	9.79%	0.893%
52	19.969	2900	2904	2908	rBV	293733	370361	6.95%	0.635%
53	20.027	2908	2914	2918	rVV2	219347	368935	6.93%	0.632%
54	20.063	2918	2920	2924	rVB3	64843	76948	1.44%	0.132%
55	20.121	2925	2930	2933	rVV2	62211	110343	2.07%	0.189%
56	20.163	2933	2937	2941	rVV	144479	186892	3.51%	0.320%
57	20.210	2941	2945	2949	rVB3	118537	175164	3.29%	0.300%
58	20.563	3002	3005	3008	rBV3	61509	94864	1.78%	0.163%
59	20.604	3008	3012	3018	rVB	179116	272162	5.11%	0.466%
60	20.763	3035	3039	3043	rBV2	192225	288401	5.42%	0.494%
61	20.798	3043	3045	3048	rVV	173005	181533	3.41%	0.311%
62	20.839	3048	3052	3057	rVV2	669715	944433	17.73%	1.618%
63	20.892	3058	3061	3072	rVB	171529	287540	5.40%	0.493%
64	21.033	3081	3085	3090	rBV	2644700	2928285	54.99%	5.017%
65	21.104	3091	3097	3101	rVV2	1694579	3291785	61.81%	5.640%
66	21.145	3101	3104	3115	rVB	966358	1260401	23.67%	2.159%
67	21.263	3120	3124	3129	rBV2	155937	296343	5.56%	0.508%
68	21.416	3146	3150	3155	rBV2	122467	207317	3.89%	0.355%
69	21.651	3187	3190	3194	rVB	176071	216825	4.07%	0.371%
70	21.710	3195	3200	3206	rVB2	199111	345340	6.48%	0.592%
71	21.845	3220	3223	3226	rBV	85960	115810	2.17%	0.198%
72	21.951	3237	3241	3246	rVB	519904	651854	12.24%	1.117%
73	22.657	3356	3361	3366	rBV	937980	1983094	37.24%	3.398%
74	22.827	3386	3390	3396	rVB	183090	295734	5.55%	0.507%
75	23.133	3436	3442	3450	rVB	514704	991663	18.62%	1.699%
76	23.227	3452	3458	3465	rBV	670771	1226457	23.03%	2.101%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.321	3468	3474	3480	rBV2	862292	1595026	29.95%	2.733%
78	25.574	3850	3857	3868	rVB	385195	1072965	20.15%	1.838%
79	26.262	3967	3974	3985	rVB	270549	779115	14.63%	1.335%

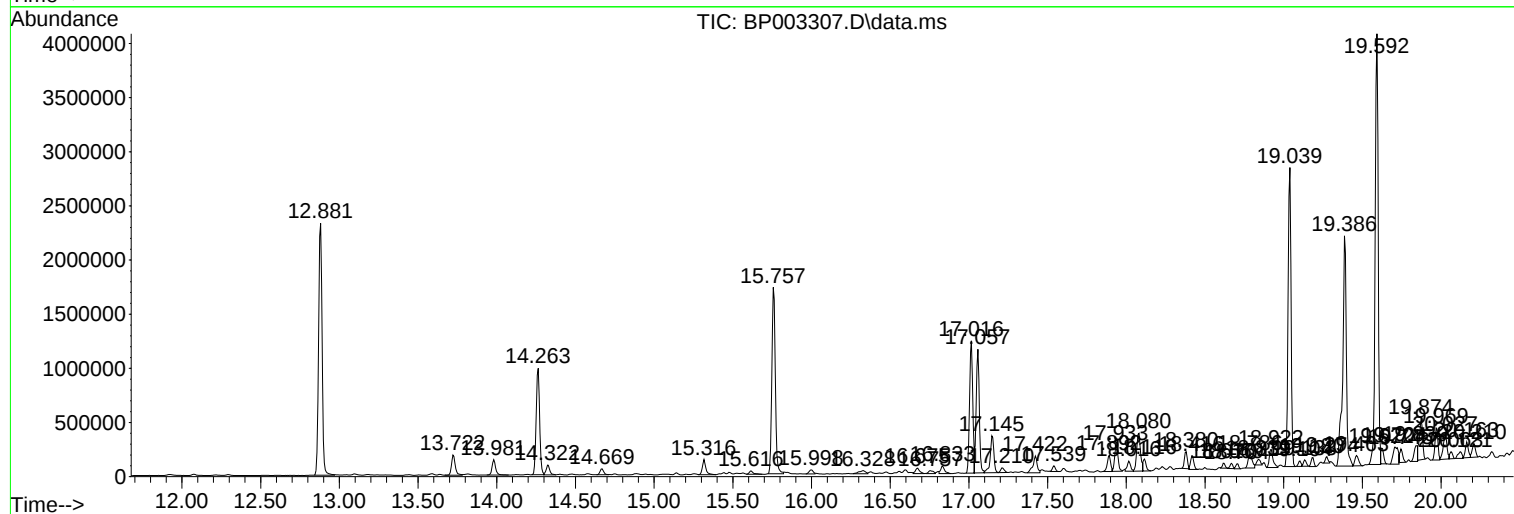
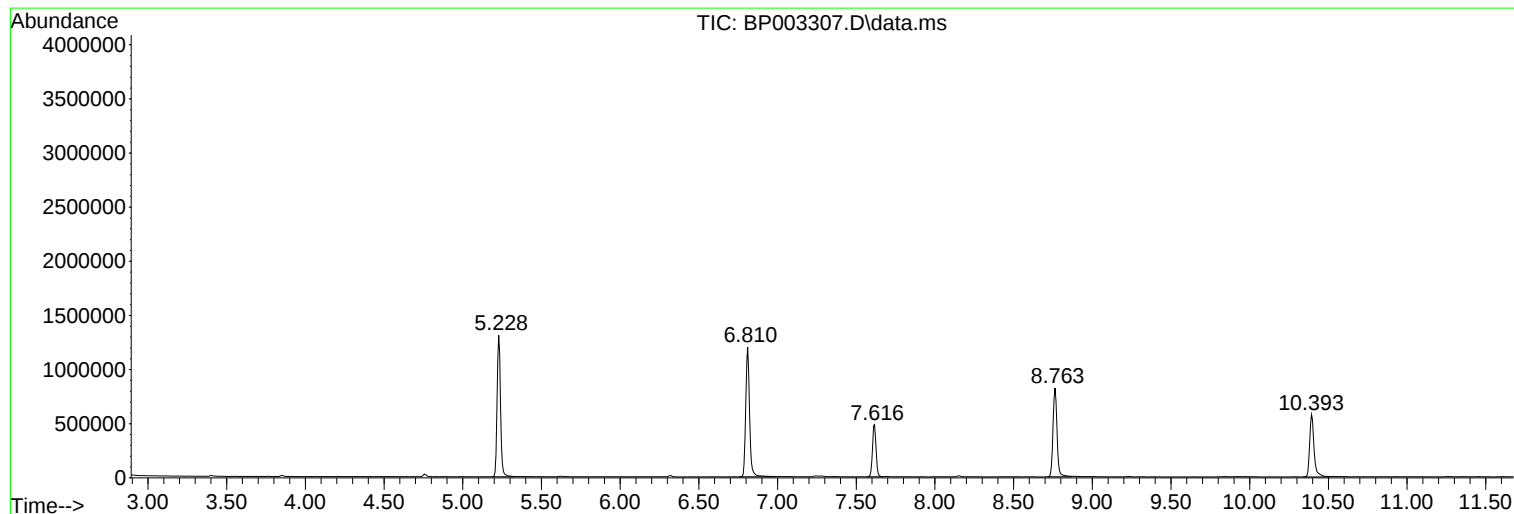
Sum of corrected areas: 58366173

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

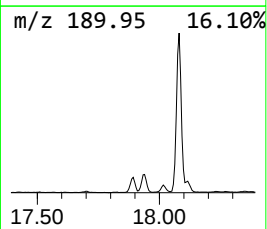
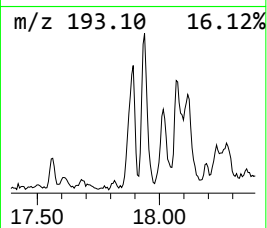
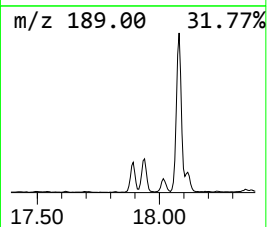
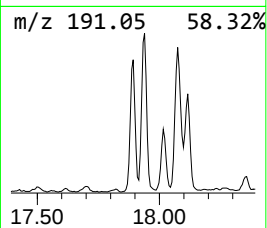
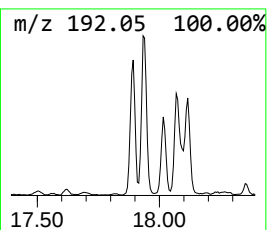
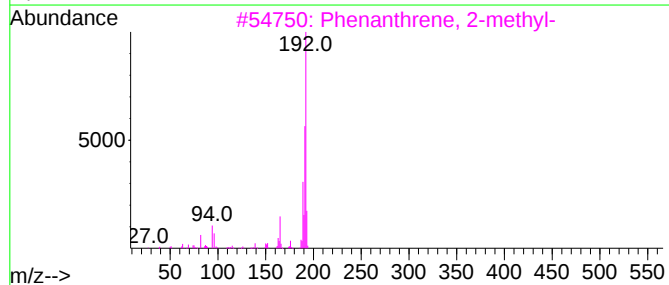
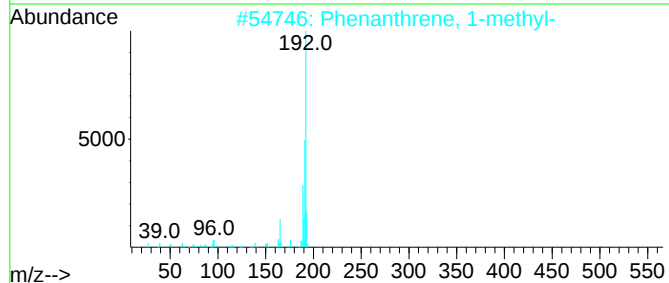
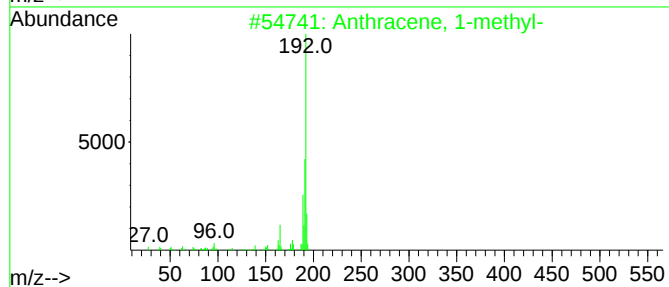
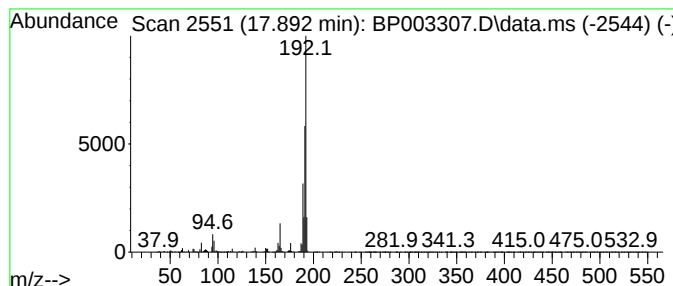
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	2.52 ng	218949	Phenanthrene-d10	17.016

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

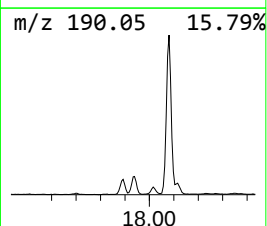
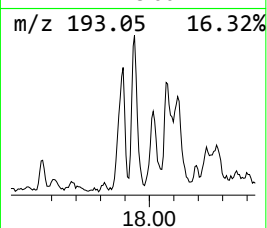
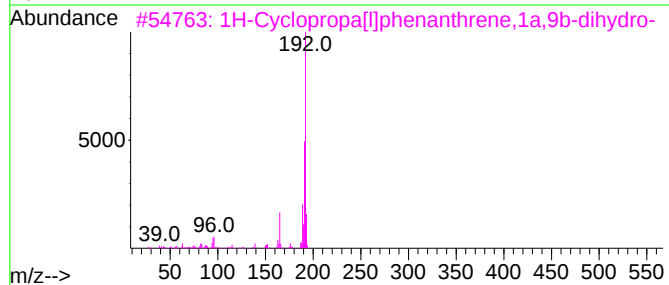
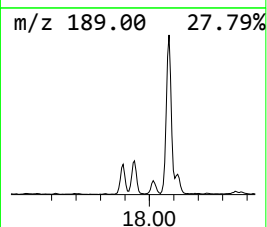
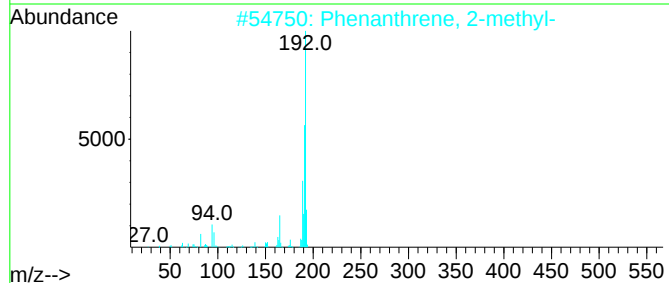
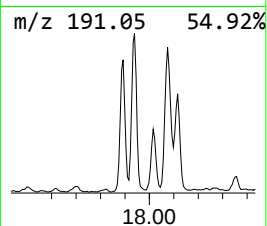
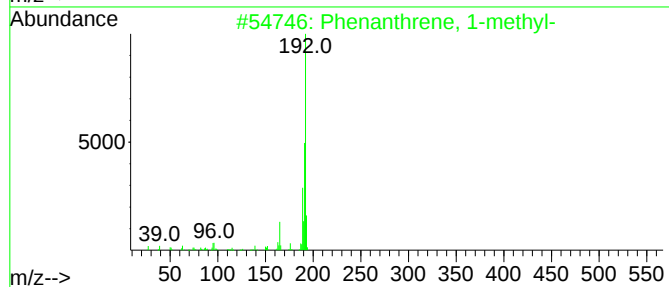
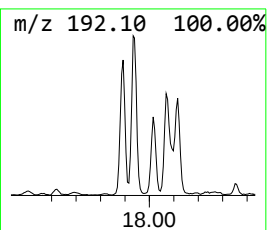
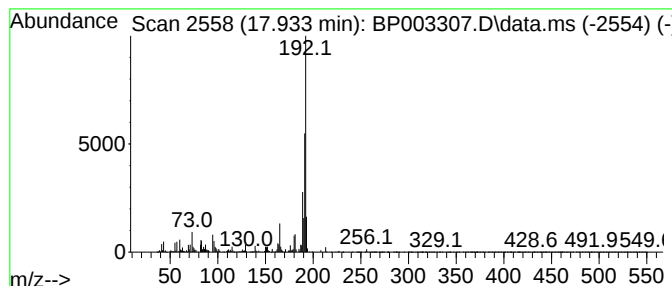
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	4.13 ng	359639	Phenanthrene-d10	17.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

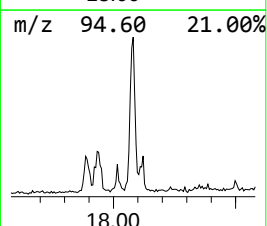
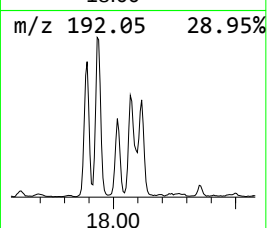
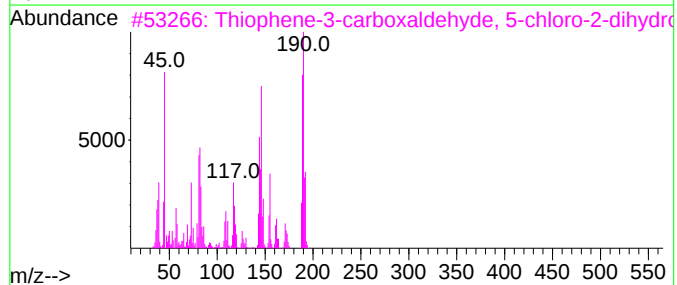
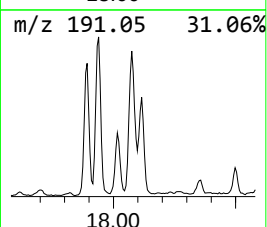
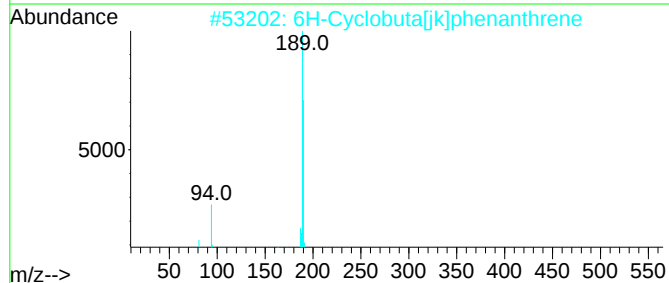
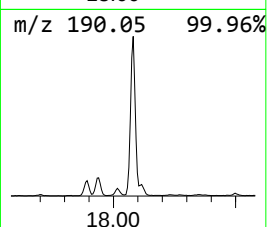
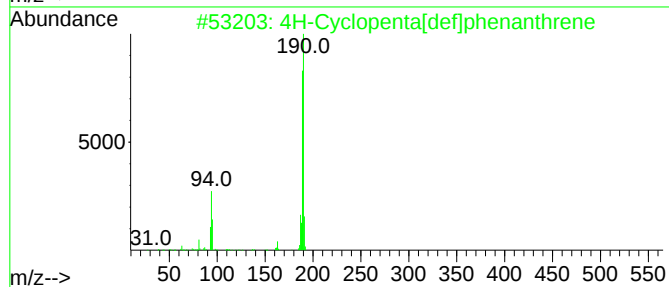
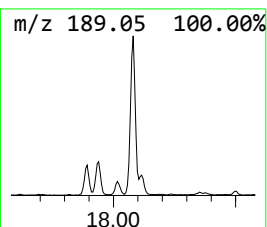
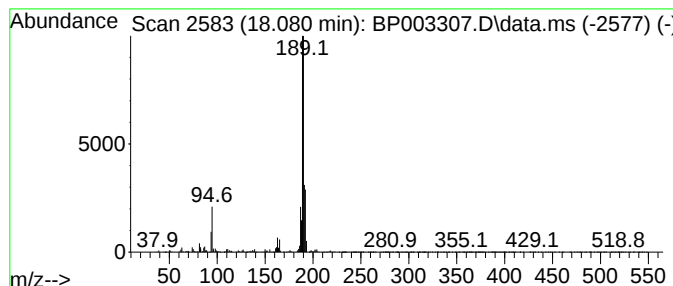
Instrument :
BNA_P
ClientSampleId :
VNJ-220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.080	6.86 ng	596926	Phenanthrene-d10	17.016	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

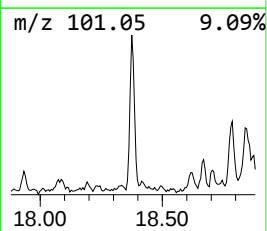
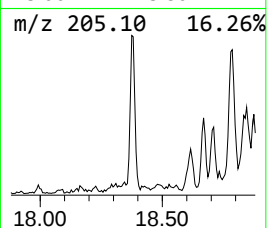
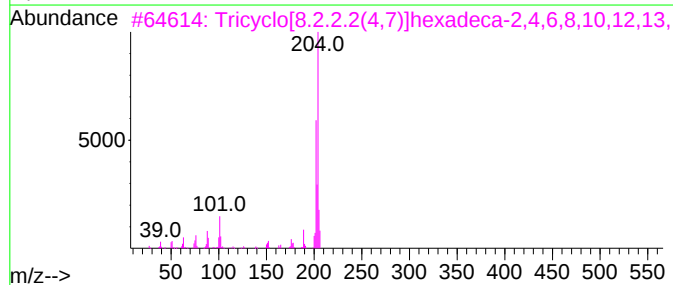
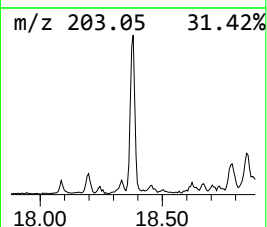
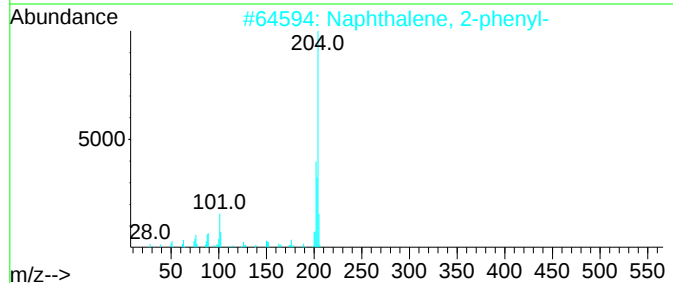
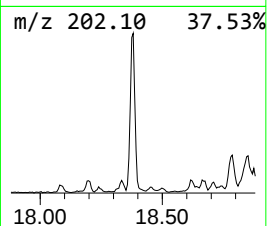
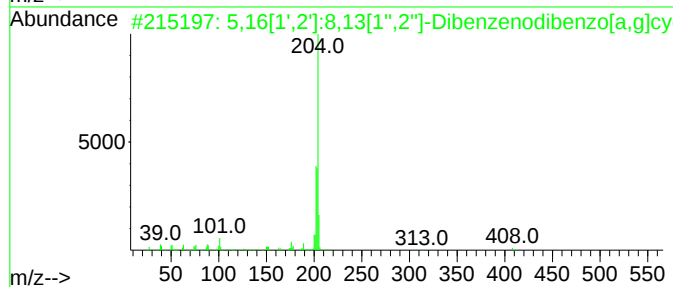
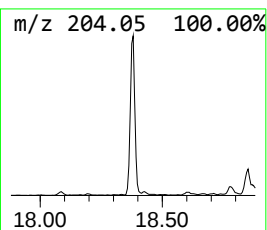
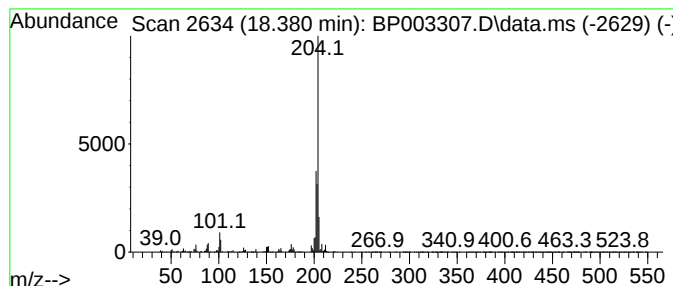
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	2.31 ng	201350	Phenanthrene-d10	17.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89		
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74		
4	Levamisole	204	C11H12N2S	014769-73-4	50		
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

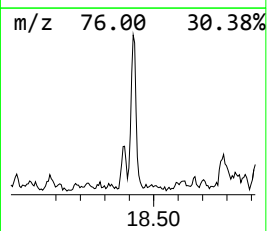
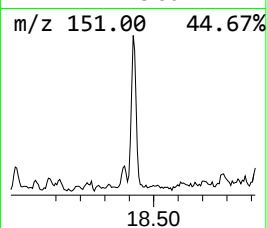
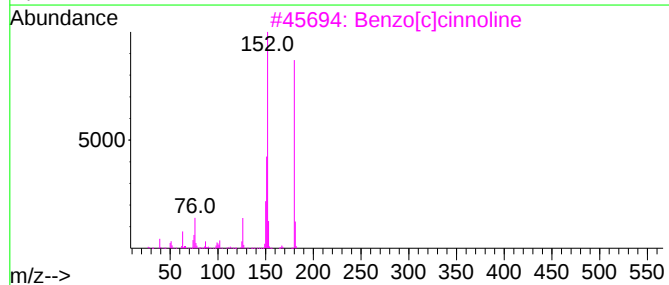
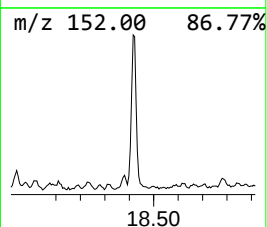
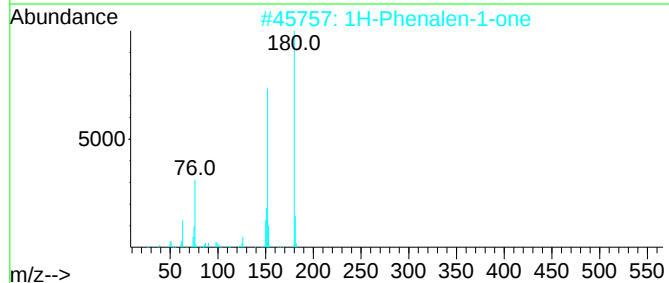
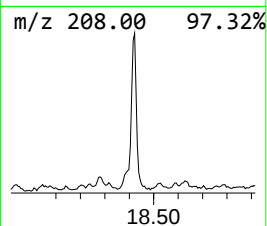
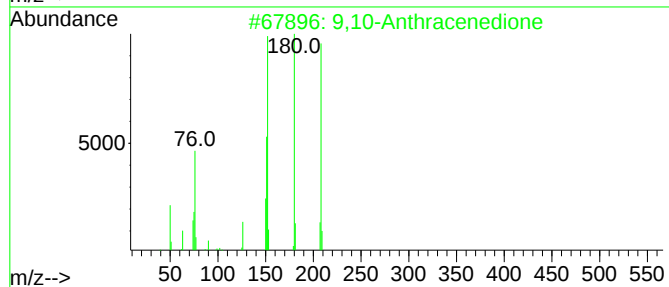
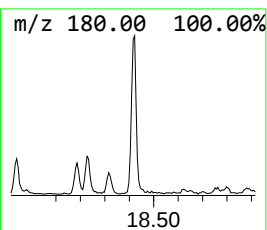
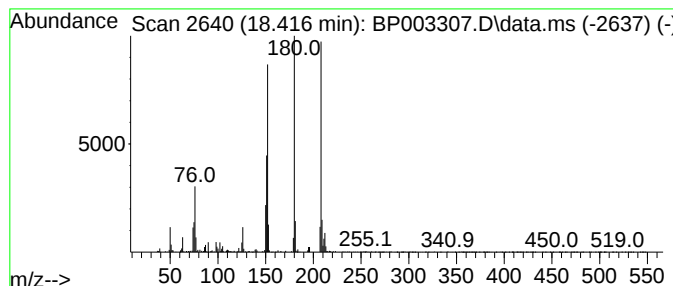
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	2.06 ng	179260	Phenanthrene-d10	17.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4			9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

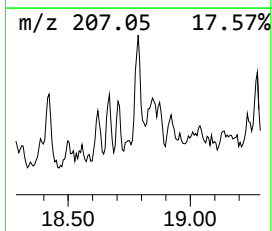
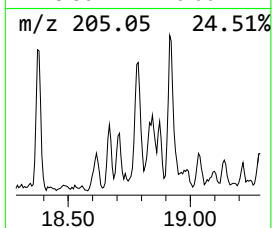
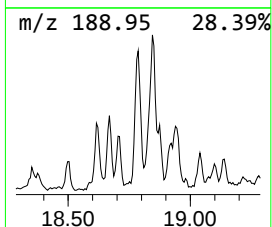
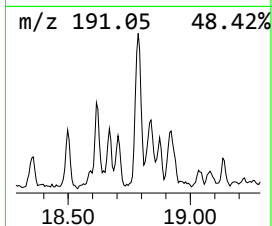
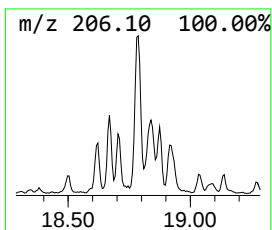
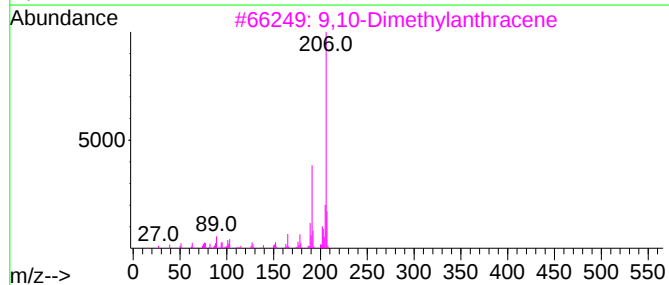
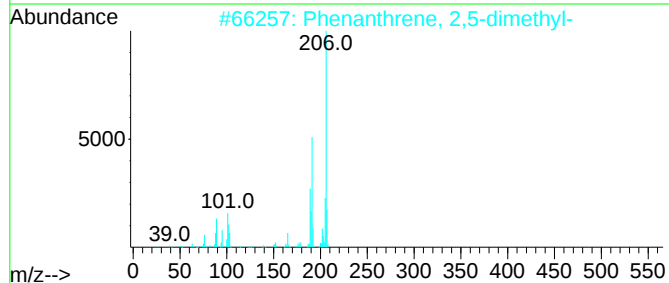
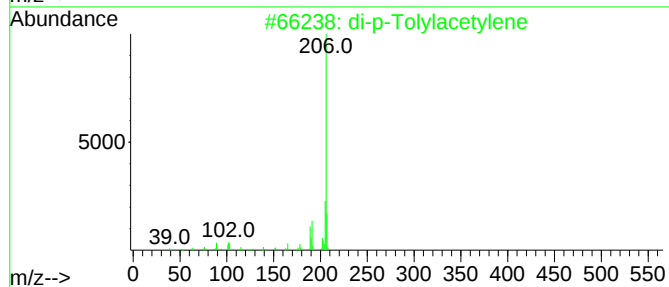
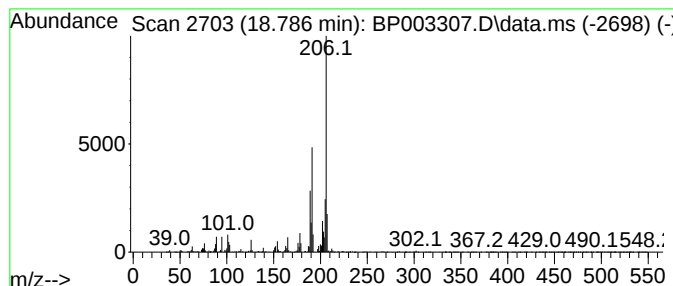
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.786	2.71 ng	235703	Phenanthrene-d10	17.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

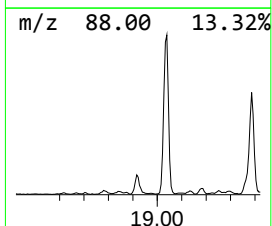
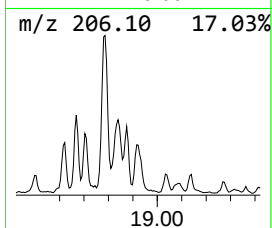
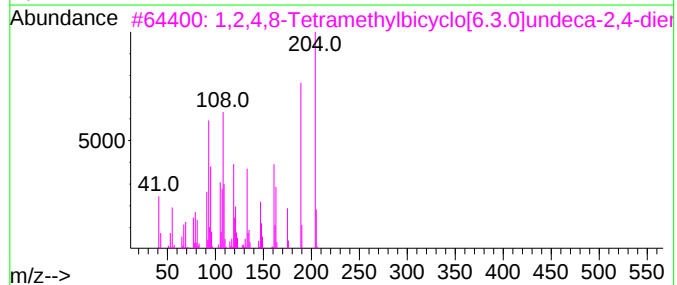
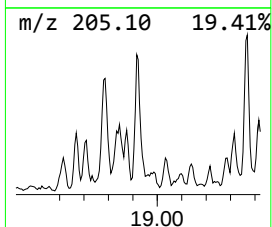
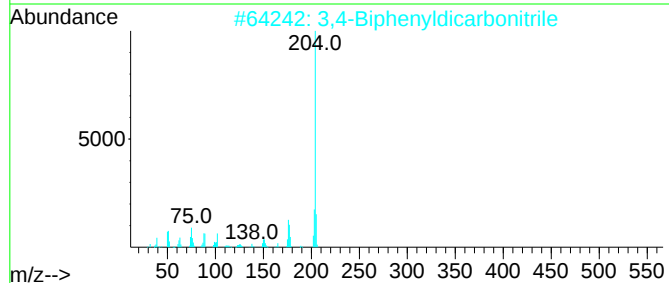
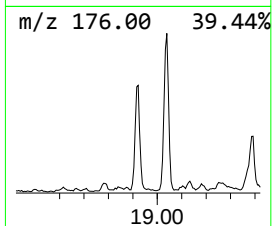
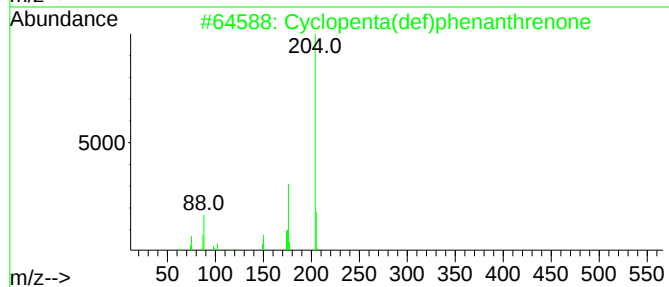
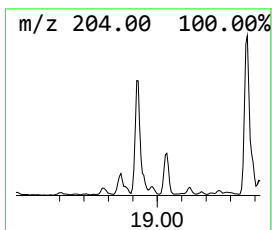
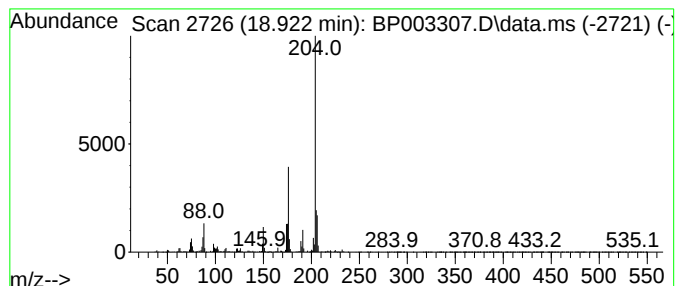
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
18.922	3.15 ng	273760	Phenanthrene-d10	17.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55
4			4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	53
5			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

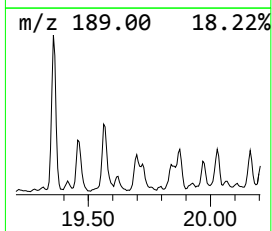
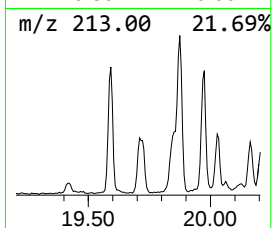
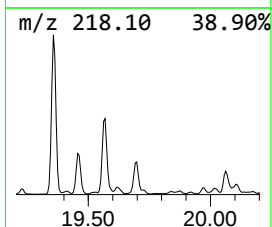
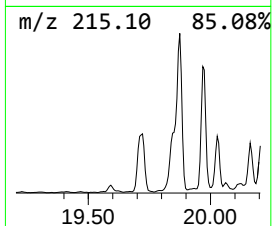
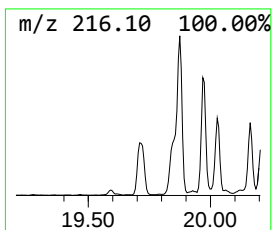
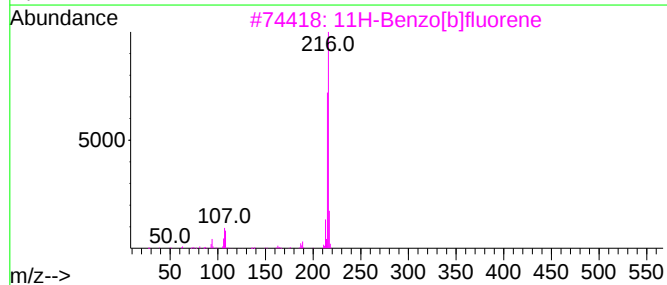
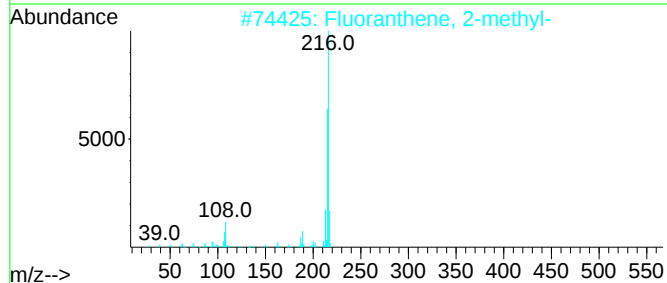
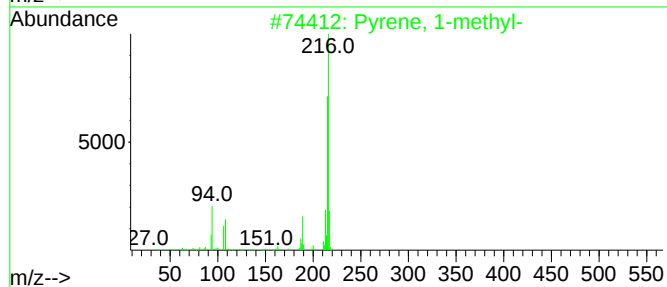
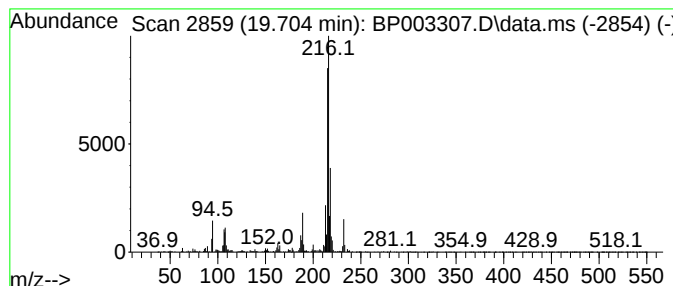
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.704	2.27 ng	373914	Chrysene-d12	21.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

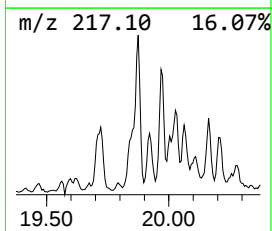
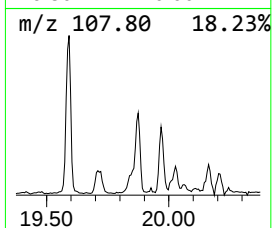
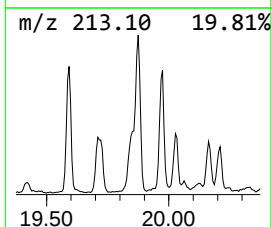
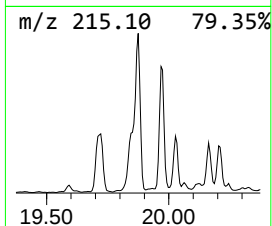
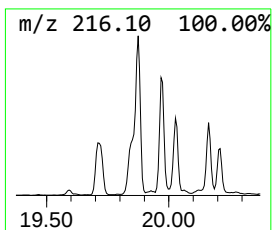
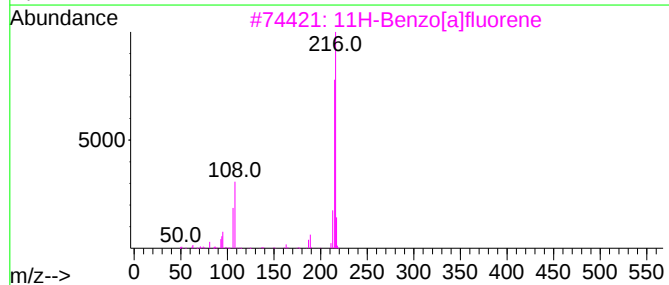
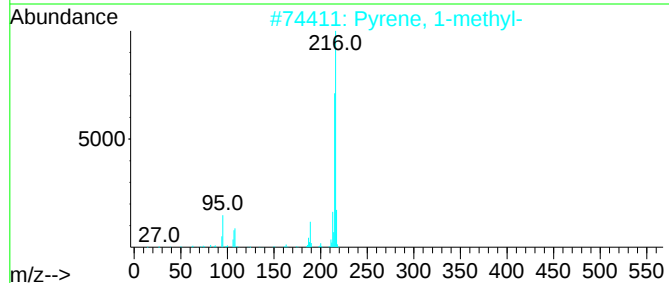
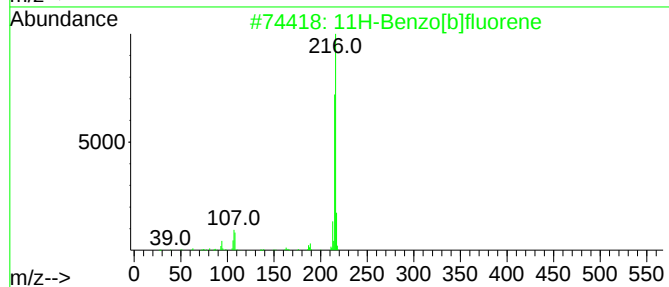
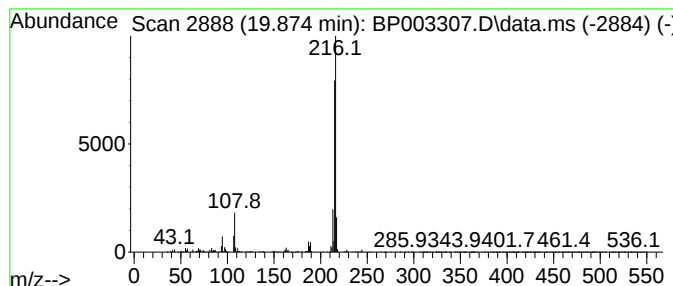
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.874	3.17 ng	521254	Chrysene-d12	21.110

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

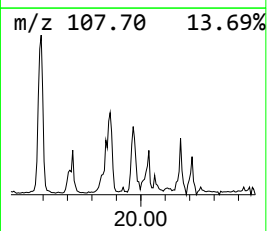
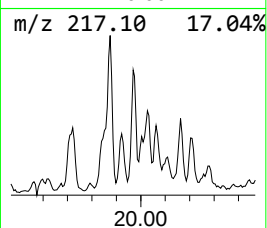
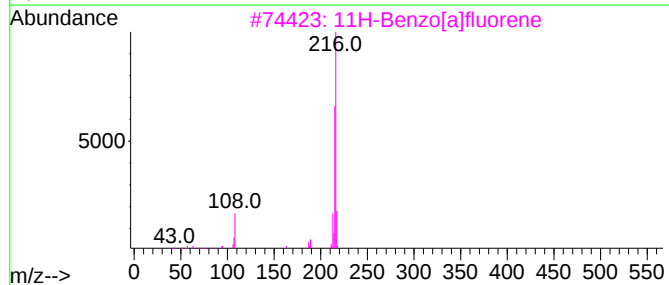
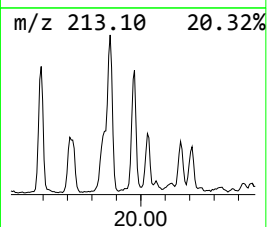
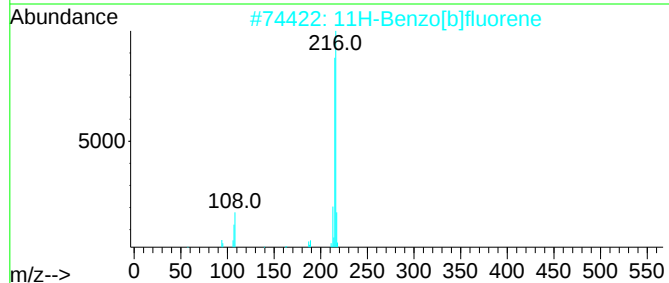
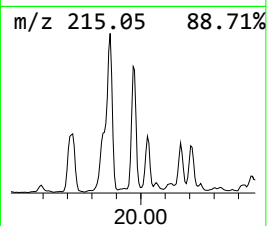
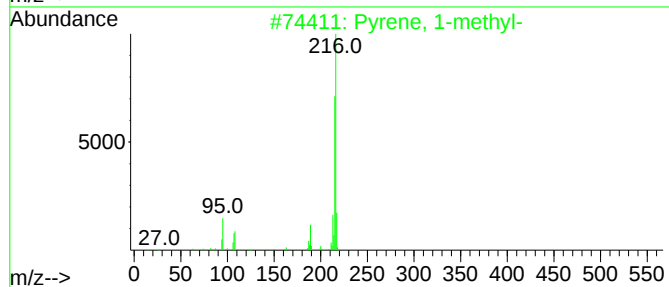
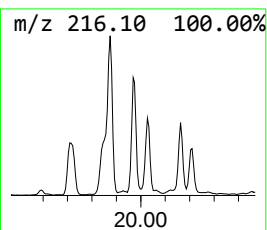
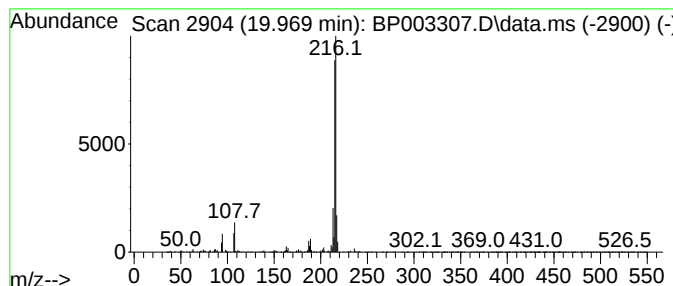
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.968	2.25 ng	370361	Chrysene-d12	21.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

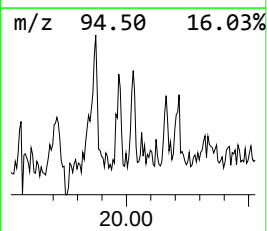
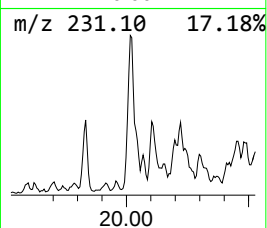
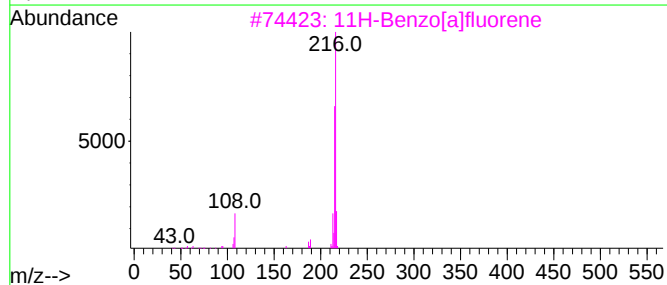
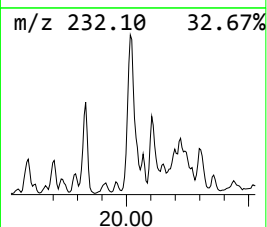
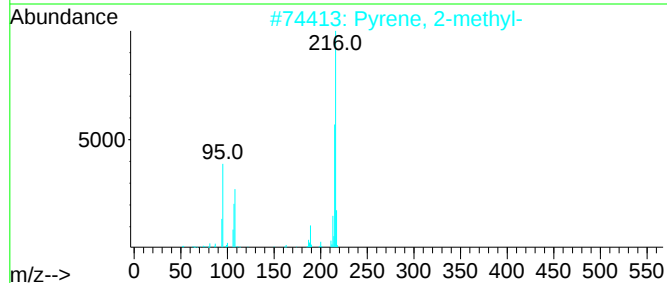
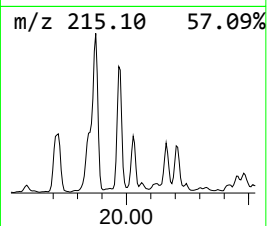
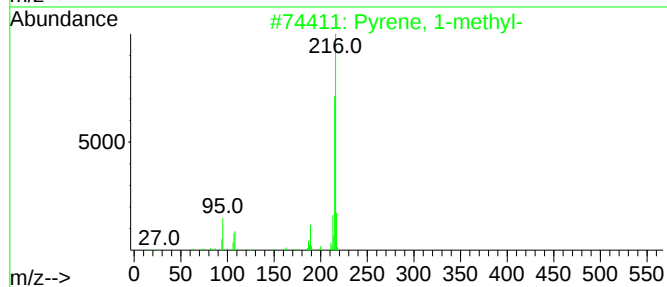
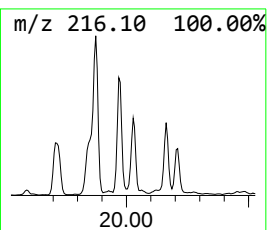
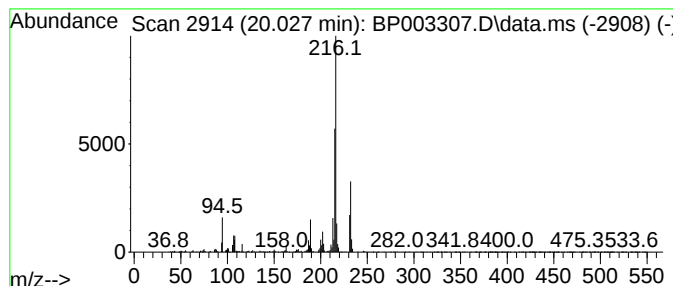
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.027	2.24 ng	368935	Chrysene-d12	21.110

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	86
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

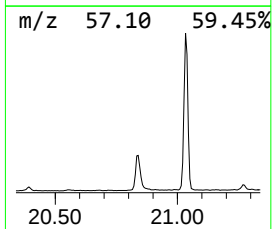
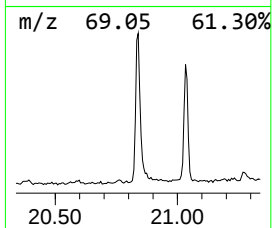
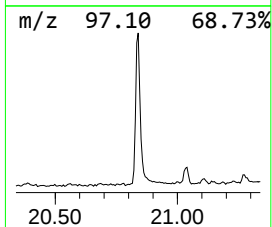
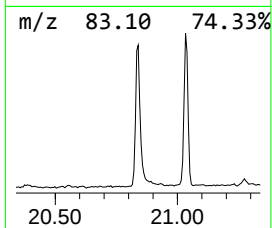
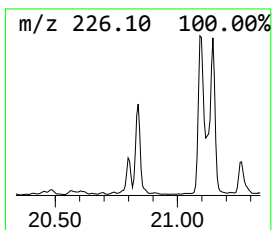
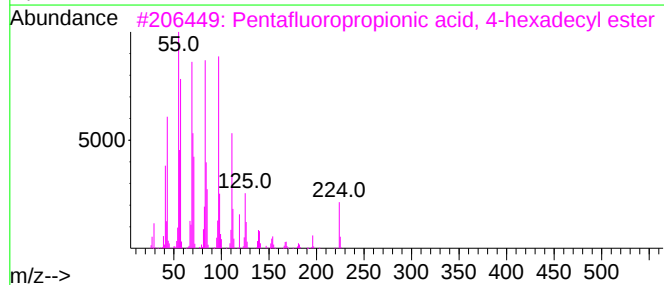
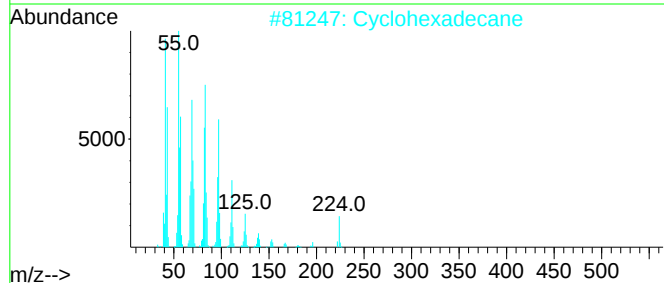
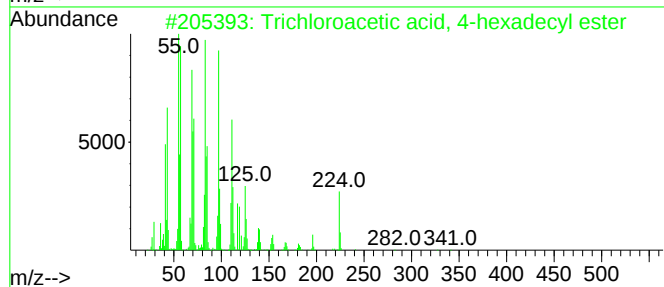
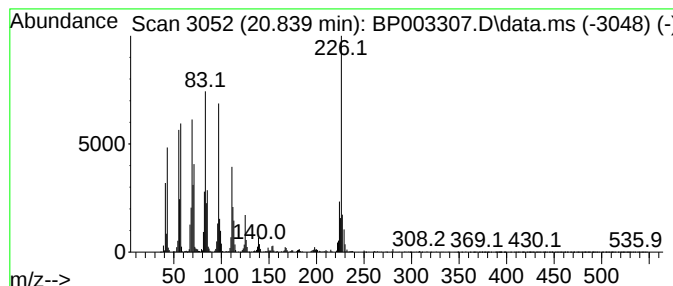
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Trichloroacetic acid, 4-hex... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.839	5.74 ng	944433	Chrysene-d12	21.110

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	70
2		Cyclohexadecane	224	C16H32	000295-65-8	53
3		Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	35
4		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	25
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

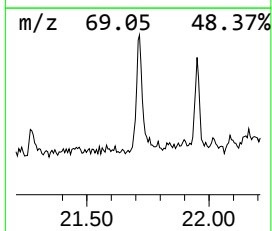
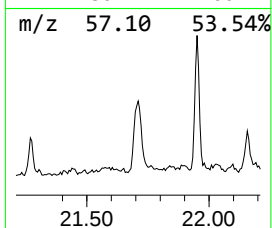
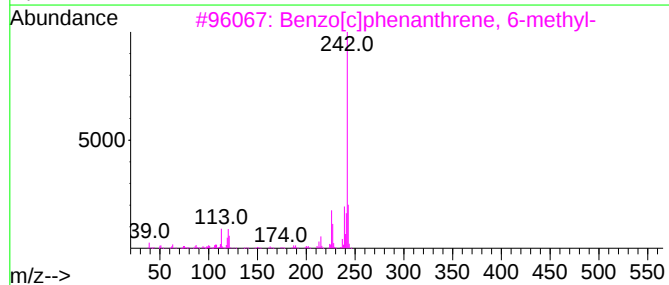
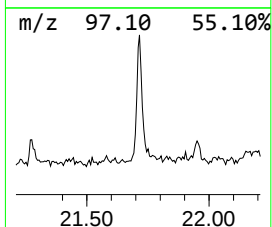
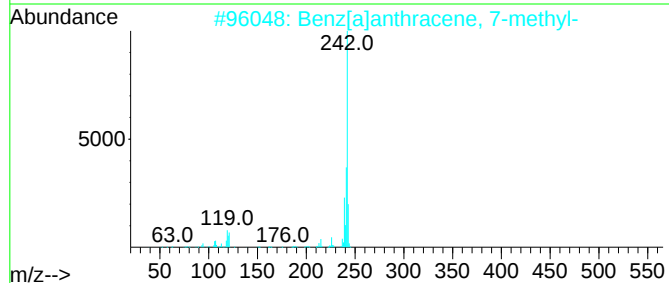
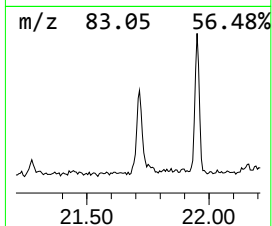
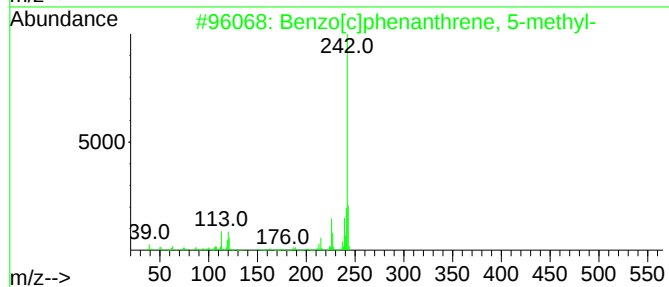
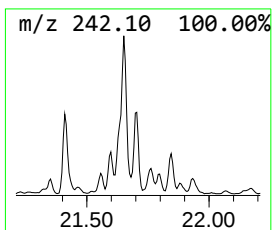
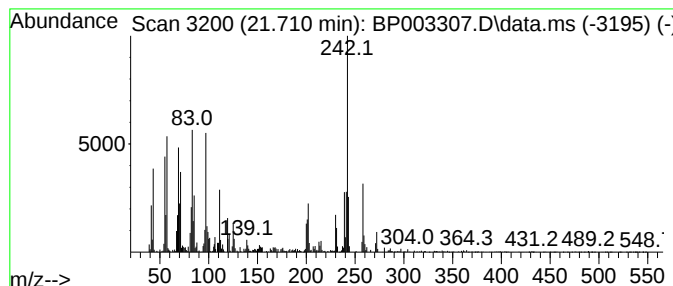
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown21.71 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.710	2.10 ng	345340	Chrysene-d12	21.110

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	46
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	42
3		Benzo[c]phenanthrene, 6-methyl-	242	C19H14	002381-34-2	42
4		Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	42
5		Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

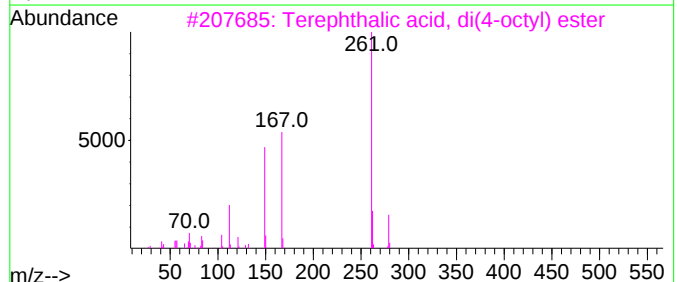
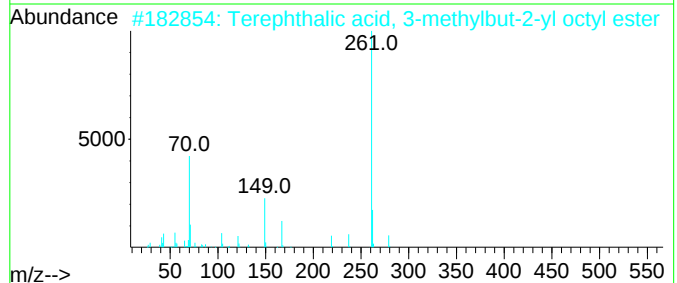
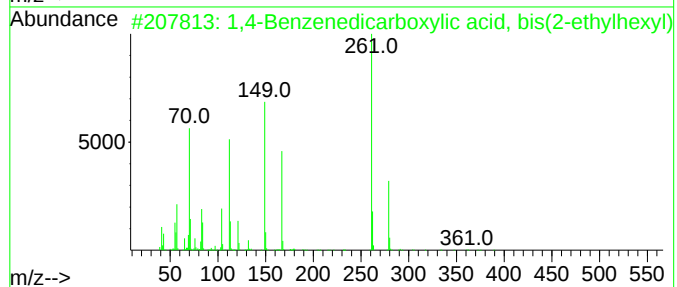
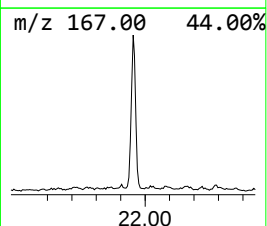
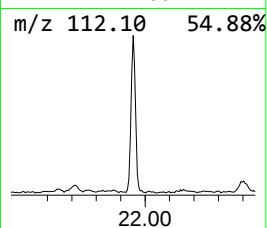
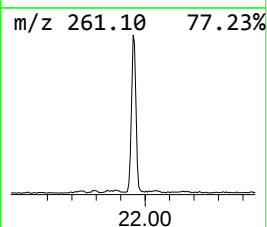
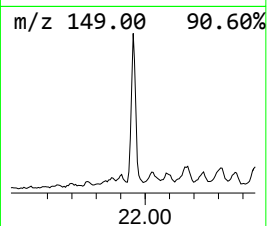
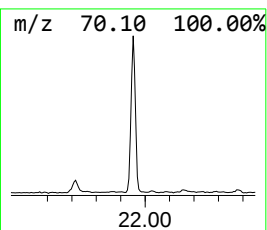
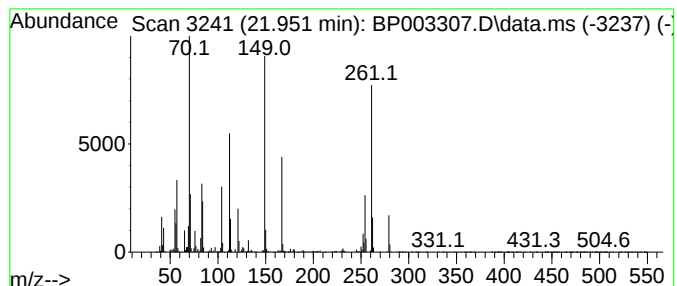
Instrument :
BNA_P
ClientSampleId :
VNJ-220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.951	3.96 ng	651854	Chrysene-d12		21.110	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...		390	C24H38O4	006422-86-2	81
2	Terephthalic acid, 3-methylbut-2...		348	C21H32O4	1000356-27-6	64
3	Terephthalic acid, di(4-octyl) e...		390	C24H38O4	1000323-74-2	52
4	1,3-Benzenedicarboxylic acid, bi...		390	C24H38O4	000137-89-3	43
5	Terephthalic acid, 2-ethylhexyl ...		390	C24H38O4	1000324-00-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-220

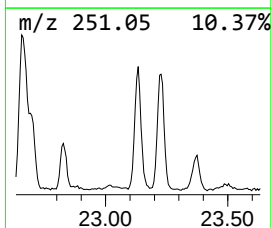
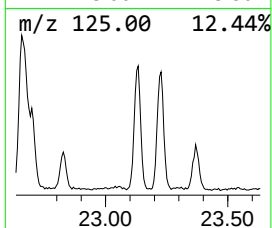
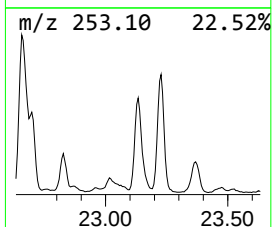
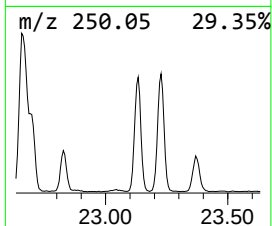
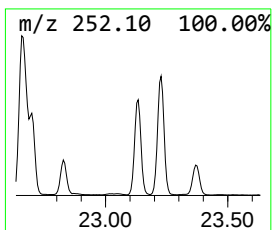
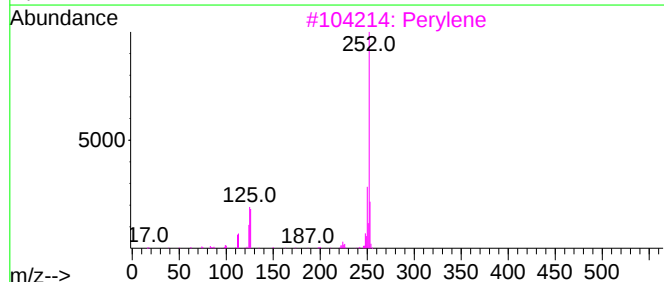
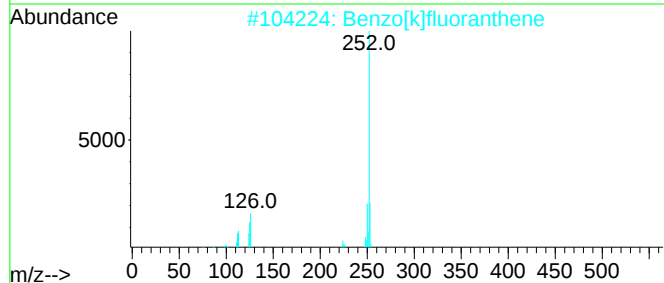
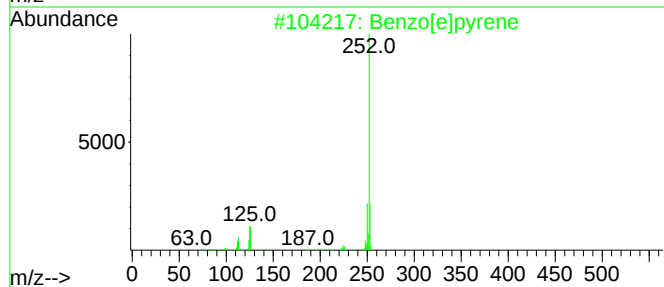
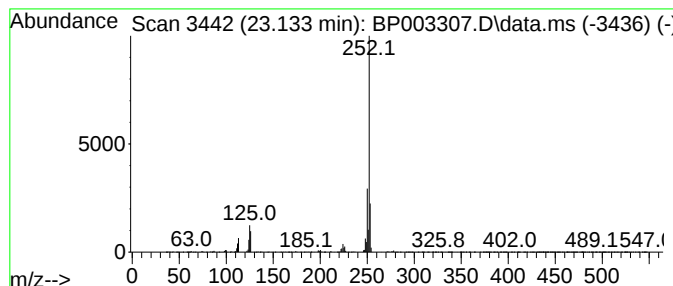
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.133	12.43 ng	991663	Perylene-d12	23.321

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Perylene	252	C20H12	000198-55-0	96
4			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003307.D
 Acq On : 16 Sep 2020 18:09
 Operator : CG/JU
 Sample : L4019-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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
Anthracene, 1-m...	17.892	2.5	ng	218949	4	17.016	1740230	20.0
Phenanthrene, 1...	17.933	4.1	ng	359639	4	17.016	1740230	20.0
4H-Cyclopenta[d...	18.080	6.9	ng	596926	4	17.016	1740230	20.0
5,16[1',2']:8,1...	18.380	2.3	ng	201350	4	17.016	1740230	20.0
9,10-Anthracene...	18.416	2.1	ng	179260	4	17.016	1740230	20.0
di-p-Tolylacety...	18.786	2.7	ng	235703	4	17.016	1740230	20.0
Cyclopenta(def)...	18.922	3.1	ng	273760	4	17.016	1740230	20.0
Fluoranthene, 2...	19.704	2.3	ng	373914	5	21.110	3291790	20.0
11H-Benzo[b]flu...	19.874	3.2	ng	521254	5	21.110	3291790	20.0
11H-Benzo[a]flu...	19.968	2.3	ng	370361	5	21.110	3291790	20.0
Pyrene, 1-methyl-	20.027	2.2	ng	368935	5	21.110	3291790	20.0
Trichloroacetic...	20.839	5.7	ng	944433	5	21.110	3291790	20.0
unknown21.71	21.710	2.1	ng	345340	5	21.110	3291790	20.0
1,4-Benzenedica...	21.951	4.0	ng	651854	5	21.110	3291790	20.0
Benzo[e]pyrene	23.133	12.4	ng	991663	6	23.321	1595030	20.0