

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006120.D
 Acq On : 30 Jun 2021 22:14
 Operator : CG/JU
 Sample : M2891-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-062821

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-BP060821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006120.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	399	405	420	rBV	562445	890134	59.70%	3.941%
2	7.075	665	678	693	rBV	503051	958901	64.31%	4.246%
3	7.887	808	816	832	rBV	435453	730546	48.99%	3.235%
4	8.434	903	909	917	rVB2	10175	19377	1.30%	0.086%
5	9.058	1009	1015	1030	rBV	314039	586303	39.32%	2.596%
6	10.504	1251	1261	1265	rBV5	13189	35113	2.35%	0.155%
7	10.693	1282	1293	1299	rBV	534331	939217	62.99%	4.158%
8	10.740	1299	1301	1307	rVB	33757	52766	3.54%	0.234%
9	12.104	1525	1533	1537	rBV8	8991	20148	1.35%	0.089%
10	12.357	1572	1576	1581	rVB	25956	38845	2.61%	0.172%
11	12.575	1607	1613	1620	rVB	39641	72431	4.86%	0.321%
12	13.057	1692	1695	1702	rVB5	14659	21448	1.44%	0.095%
13	13.146	1702	1710	1719	rBV	886193	1345086	90.21%	5.955%
14	13.693	1798	1803	1804	rBV2	25884	37352	2.51%	0.165%
15	13.845	1824	1829	1834	rBV	51746	86954	5.83%	0.385%
16	13.898	1834	1838	1842	rVV	23223	32077	2.15%	0.142%
17	13.998	1848	1855	1859	rBV4	22016	43448	2.91%	0.192%
18	14.081	1865	1869	1872	rBV	26999	34952	2.34%	0.155%
19	14.245	1892	1897	1910	rVB	100791	166902	11.19%	0.739%
20	14.345	1910	1914	1919	rVB7	14247	22679	1.52%	0.100%
21	14.416	1921	1926	1933	rBV5	17131	31658	2.12%	0.140%
22	14.522	1935	1944	1950	rVV	723329	1070521	71.80%	4.740%
23	14.587	1950	1955	1963	rVB	105323	172704	11.58%	0.765%
24	14.740	1975	1981	1988	rBV6	16409	42745	2.87%	0.189%
25	14.922	2007	2012	2018	rVV	100452	143011	9.59%	0.633%
26	14.998	2021	2025	2029	rVB	27362	34075	2.29%	0.151%
27	15.140	2044	2049	2053	rBV3	32230	59419	3.98%	0.263%
28	15.192	2055	2058	2062	rVB	19746	24998	1.68%	0.111%
29	15.304	2071	2077	2081	rBV6	24367	53947	3.62%	0.239%
30	15.398	2089	2093	2099	rVB	18638	30106	2.02%	0.133%
31	15.569	2117	2122	2134	rVB	168653	284652	19.09%	1.260%
32	15.728	2146	2149	2154	rVB5	19408	24634	1.65%	0.109%
33	15.775	2154	2157	2161	rBV5	22521	30940	2.08%	0.137%
34	15.863	2168	2172	2179	rVB3	29162	51990	3.49%	0.230%
35	16.016	2189	2198	2207	rBV	593654	919430	61.66%	4.071%
36	16.251	2231	2238	2244	rVB5	44727	87804	5.89%	0.389%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.575	2286	2293	2298	rBV3	45557	97055	6.51%	0.430%
38	16.628	2298	2302	2306	rVB2	36022	52440	3.52%	0.232%
39	16.722	2316	2318	2324	rVB	28606	37379	2.51%	0.165%
40	16.810	2330	2333	2336	rBV4	15682	20148	1.35%	0.089%
41	17.086	2376	2380	2389	rVB2	55132	105610	7.08%	0.468%
42	17.269	2406	2411	2415	rBV	675321	1018005	68.27%	4.507%
43	17.316	2415	2419	2424	rVB	587721	794844	53.31%	3.519%
44	17.404	2430	2434	2439	rVB	177539	242751	16.28%	1.075%
45	17.469	2441	2445	2450	rVB5	21879	38149	2.56%	0.169%
46	17.686	2478	2482	2486	rBV	39312	57299	3.84%	0.254%
47	17.934	2519	2524	2529	rBV	350664	402029	26.96%	1.780%
48	18.139	2554	2559	2563	rBV	146200	229802	15.41%	1.017%
49	18.186	2563	2567	2571	rVB	161237	217954	14.62%	0.965%
50	18.263	2576	2580	2585	rBV	76848	118343	7.94%	0.524%
51	18.328	2585	2591	2594	rVV2	191095	344807	23.12%	1.527%
52	18.363	2594	2597	2602	rVB	101579	140040	9.39%	0.620%
53	18.622	2638	2641	2646	rVB	61124	81294	5.45%	0.360%
54	18.904	2687	2689	2693	rVB	48193	49552	3.32%	0.219%
55	19.033	2705	2711	2713	rBV2	1153308	1466300	98.34%	6.492%
56	19.063	2713	2716	2728	rVB4	1056777	1491067	100.00%	6.602%
57	19.192	2734	2738	2745	rVB	262419	338020	22.67%	1.497%
58	19.280	2748	2753	2759	rBV	636334	869166	58.29%	3.848%
59	19.604	2804	2808	2809	rBV2	95500	131568	8.82%	0.583%
60	19.628	2809	2812	2820	rVB	616742	906963	60.83%	4.016%
61	19.704	2822	2825	2828	rBV	91657	122900	8.24%	0.544%
62	19.822	2841	2845	2849	rVB	1206691	1413333	94.79%	6.258%
63	20.210	2908	2911	2915	rBV	127174	153991	10.33%	0.682%
64	21.351	3100	3105	3108	rBV2	900522	1318806	88.45%	5.839%
65	23.751	3510	3513	3519	rVB2	654849	1128916	75.71%	4.998%

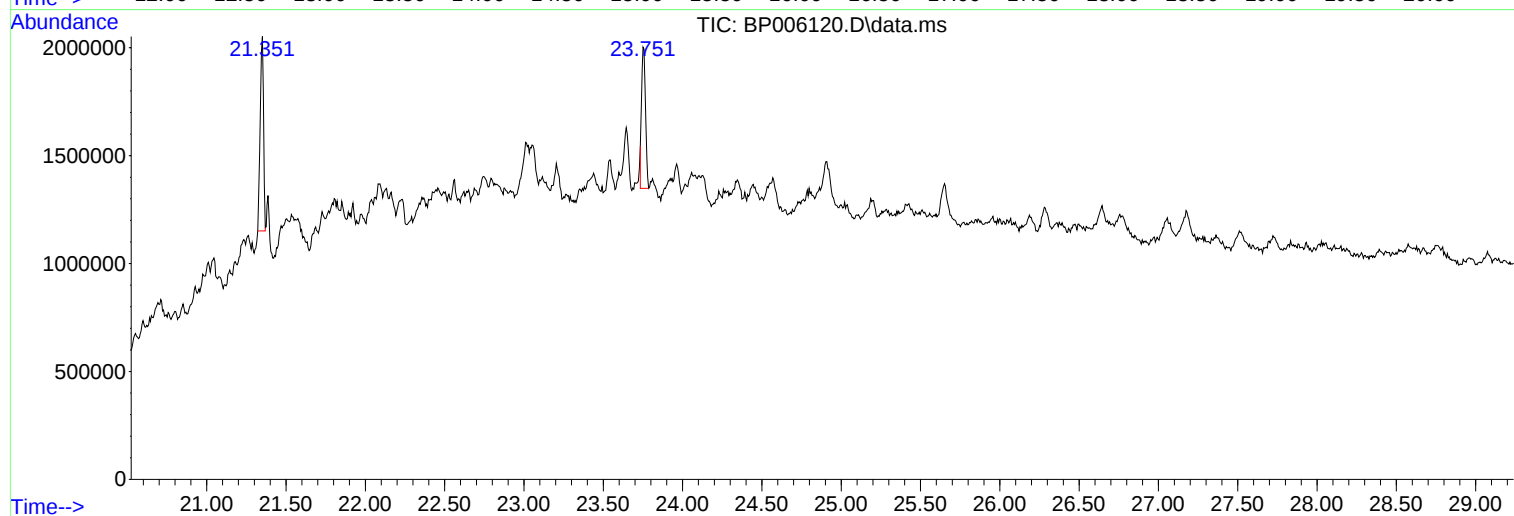
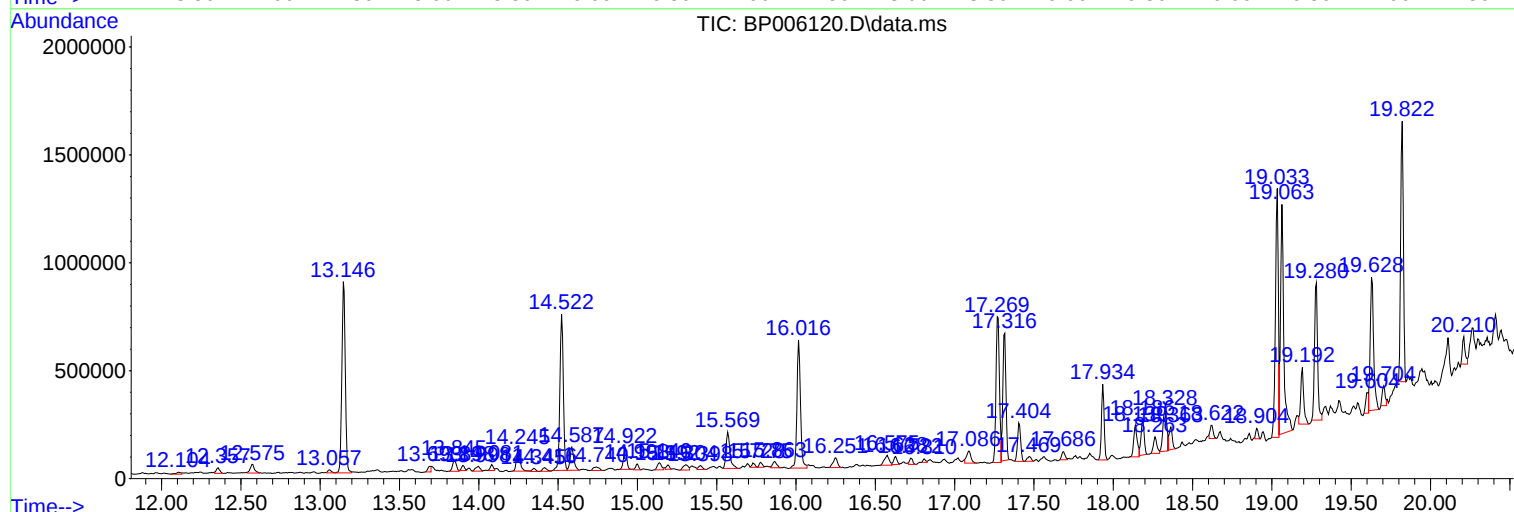
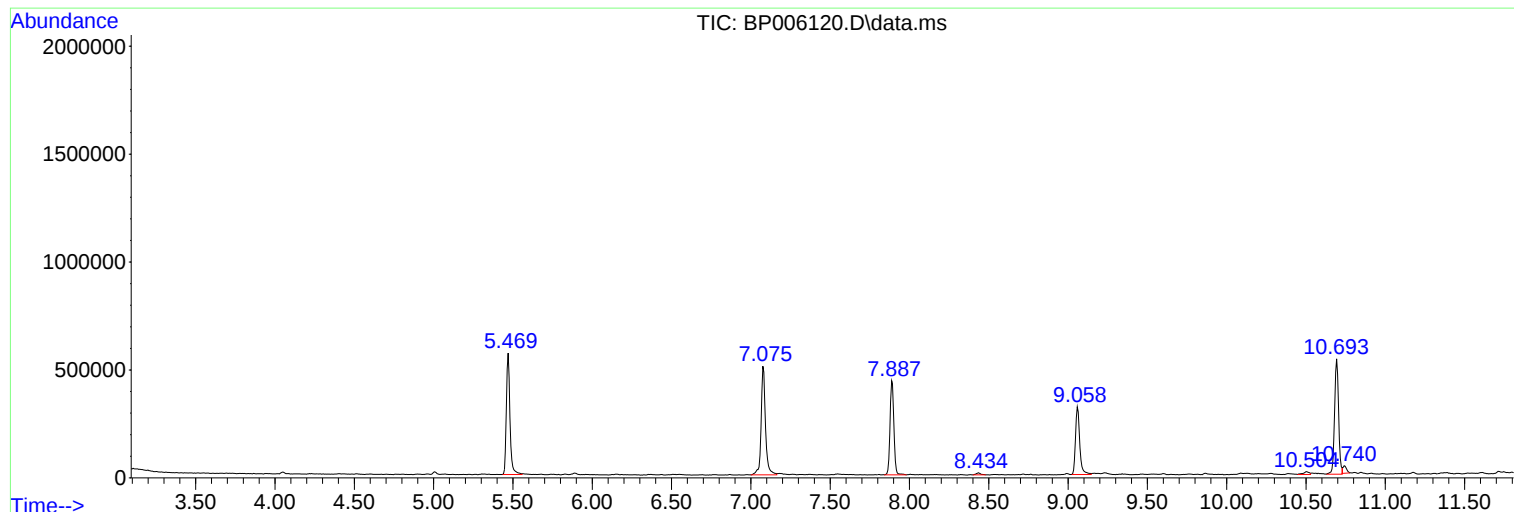
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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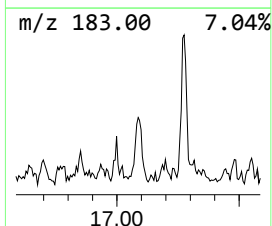
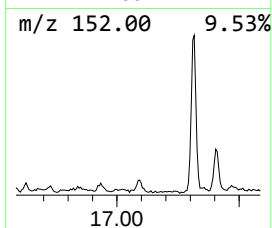
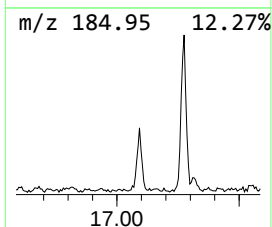
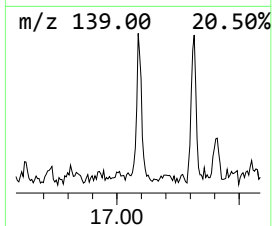
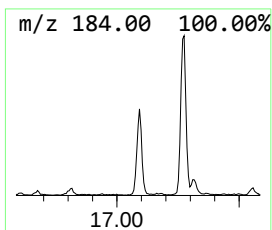
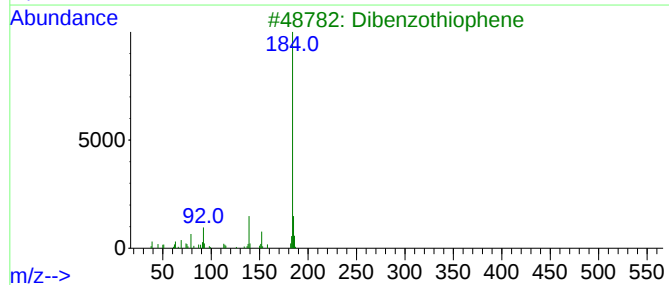
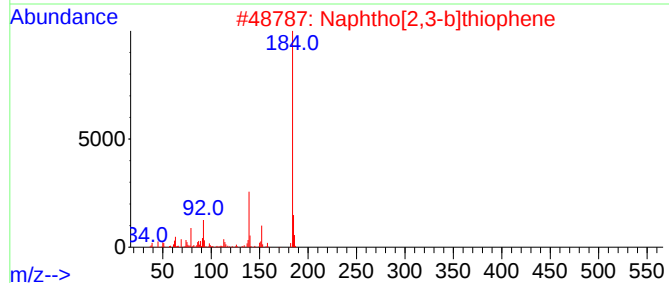
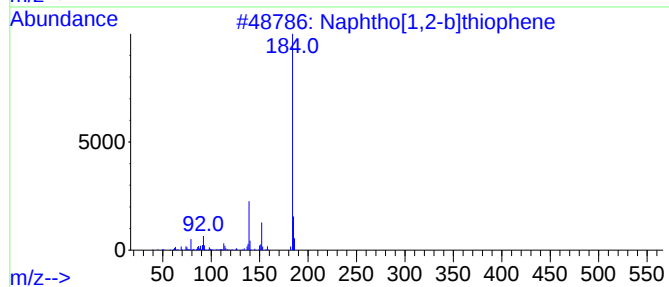
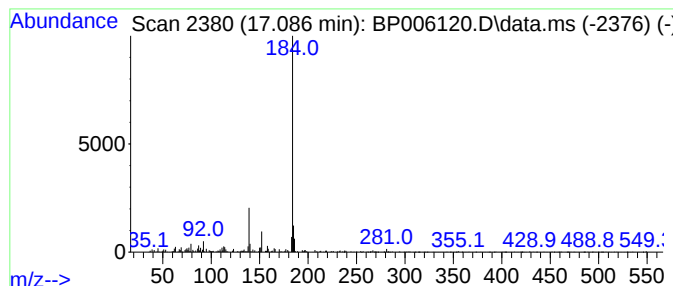
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphtho[1,2-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.087	2.07 ng	105610	Phenanthrene-d10	17.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
2			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3			Dibenzothiophene	184	C12H8S	000132-65-0	91
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



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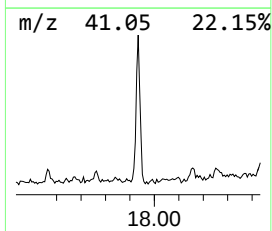
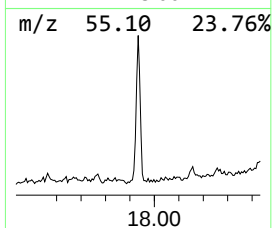
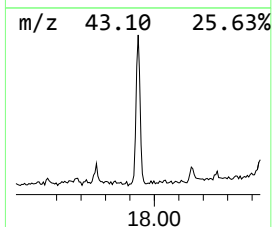
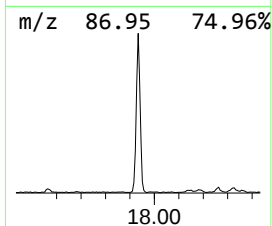
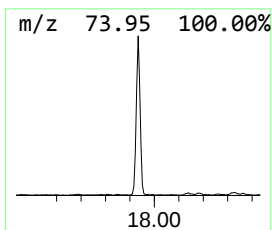
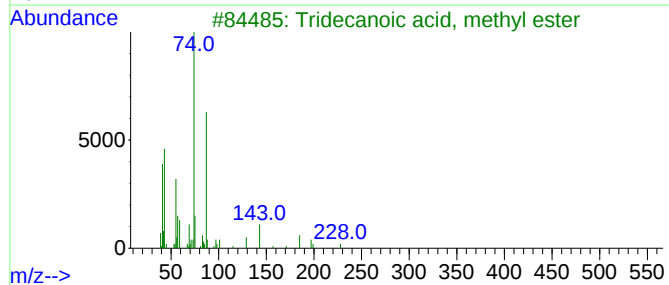
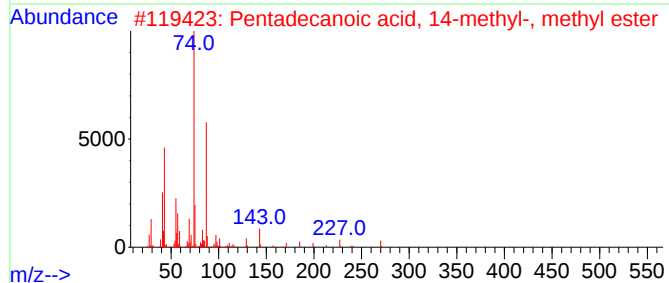
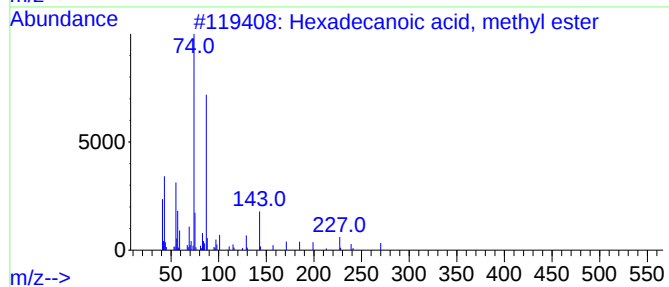
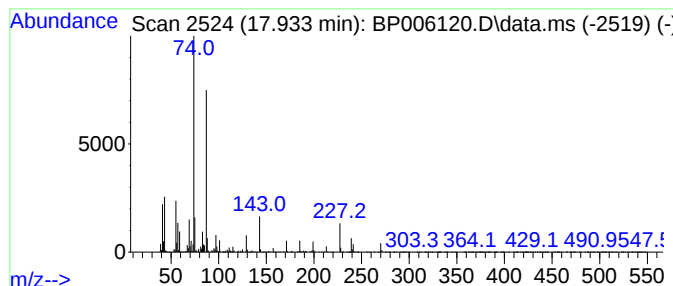
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	7.90 ng	402029	Phenanthrene-d10	17.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5			Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83



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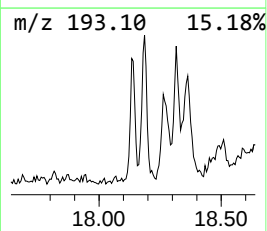
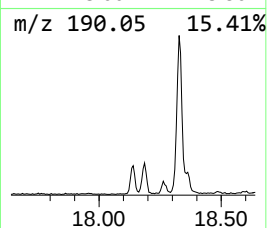
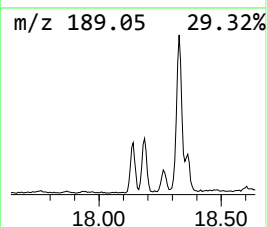
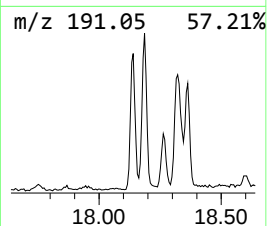
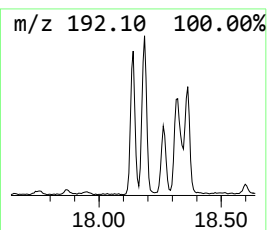
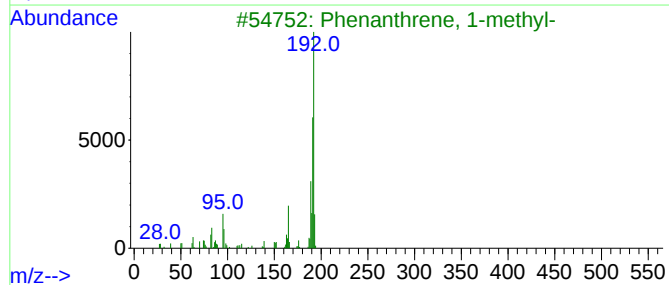
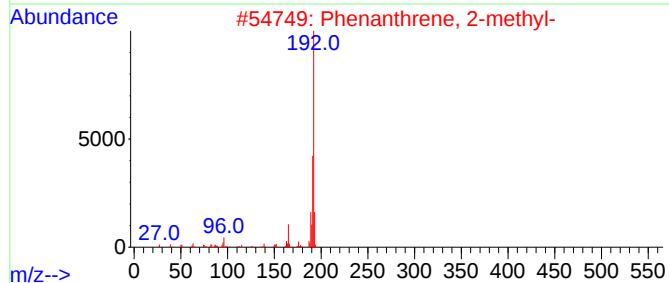
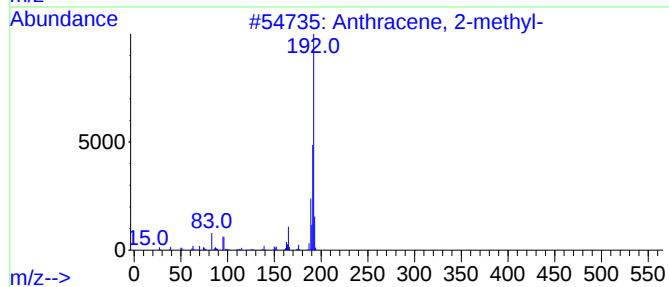
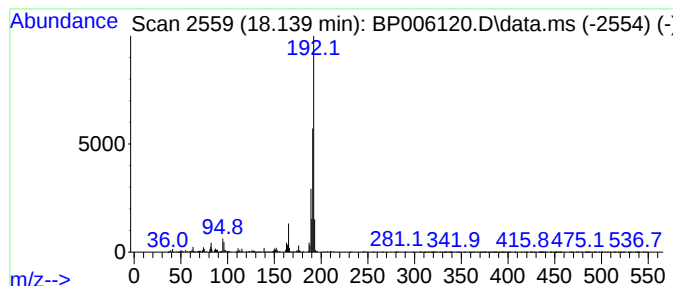
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	4.51 ng	229802	Phenanthrene-d10	17.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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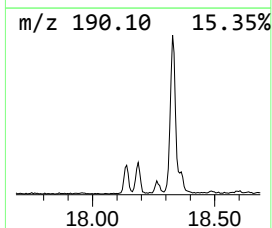
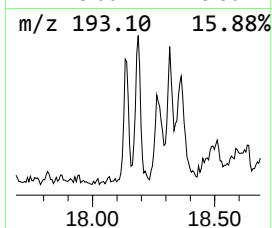
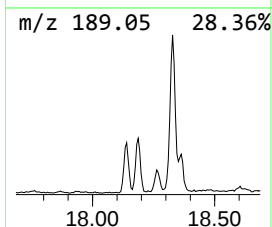
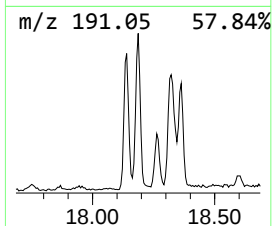
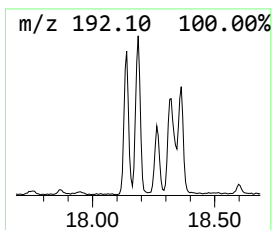
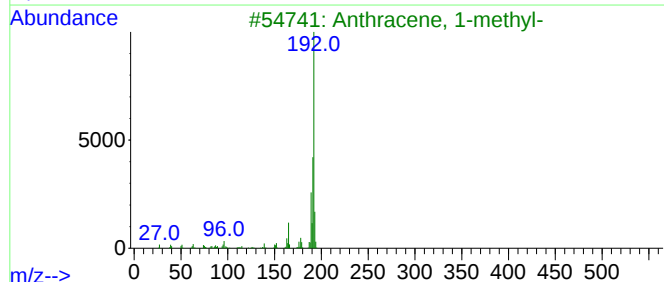
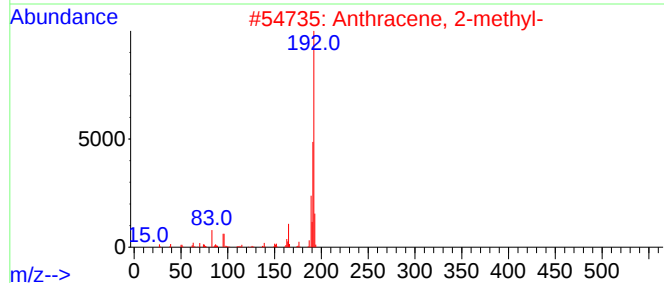
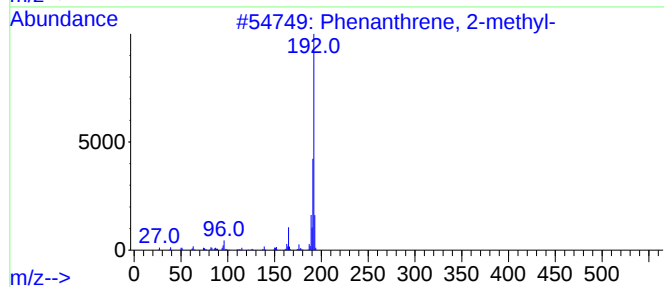
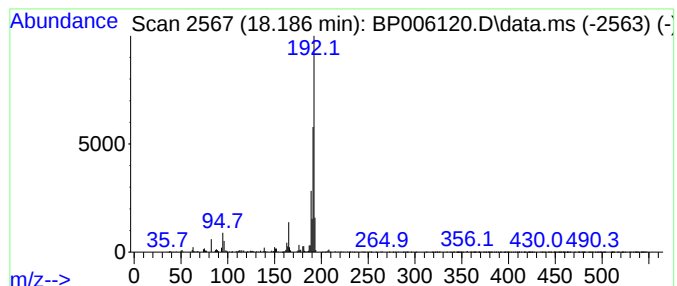
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Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	4.28 ng	217954	Phenanthrene-d10	17.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006120.D
Acq On : 30 Jun 2021 22:14
Operator : CG/JU
Sample : M2891-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-062821

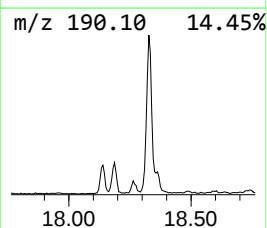
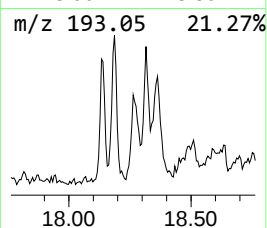
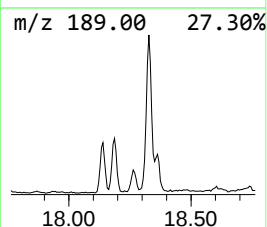
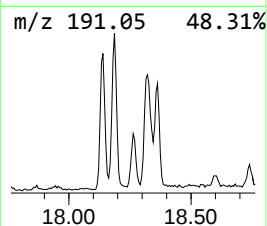
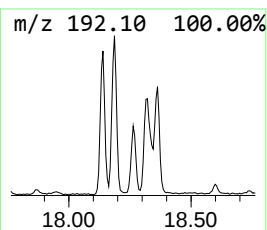
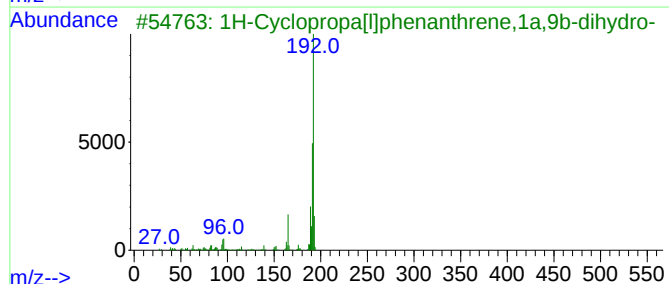
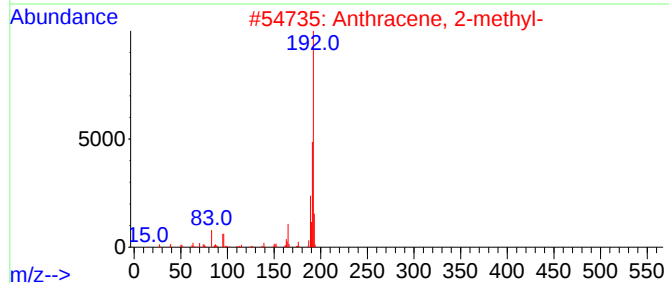
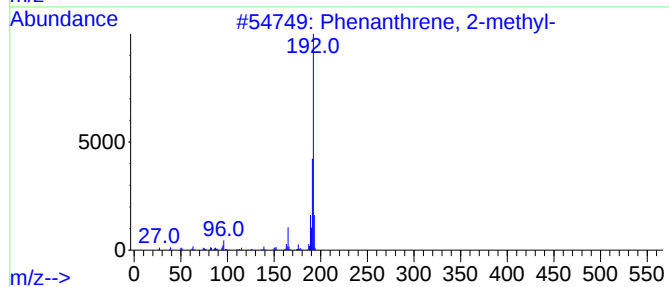
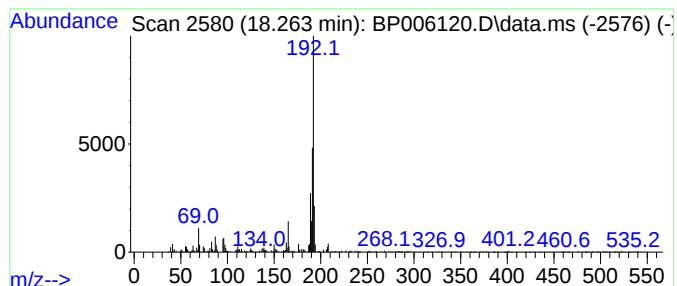
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	2.33 ng	118343	Phenanthrene-d10	17.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006120.D
Acq On : 30 Jun 2021 22:14
Operator : CG/JU
Sample : M2891-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-062821

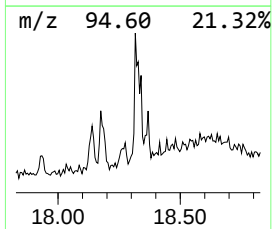
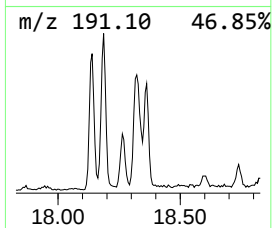
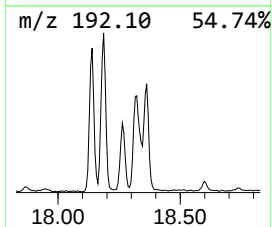
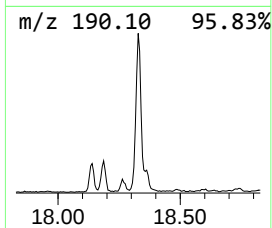
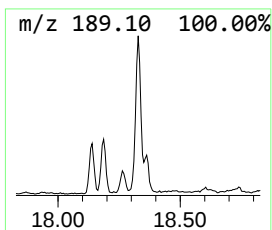
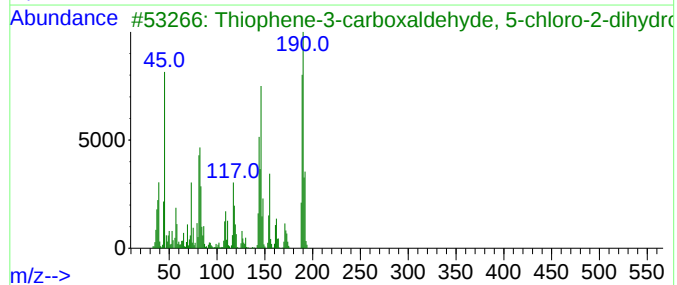
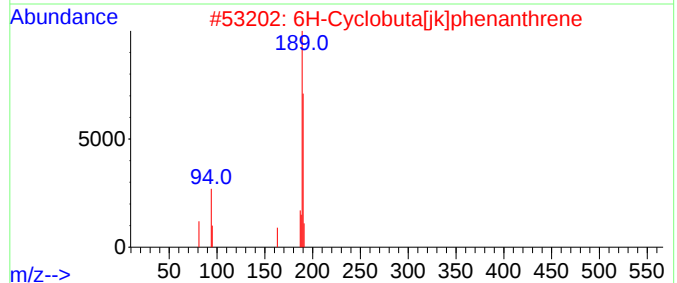
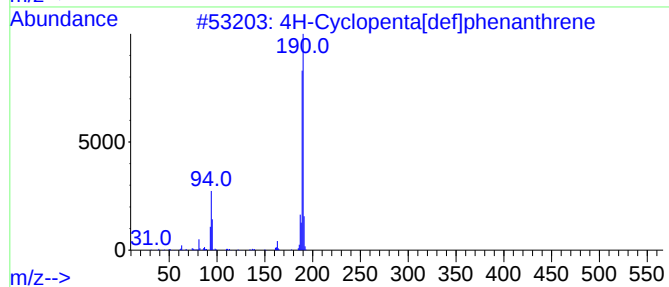
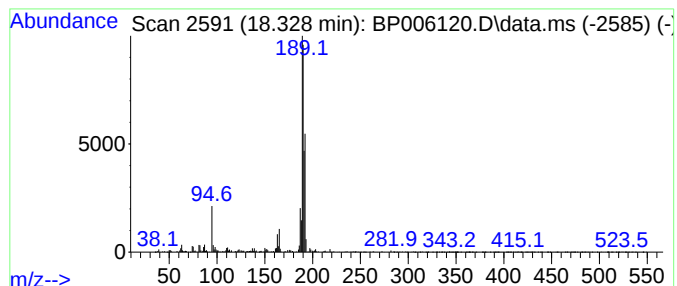
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	6.77 ng	344807	Phenanthrene-d10	17.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5			Methyl diselenide	190	C2H6Se2	007101-31-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006120.D
Acq On : 30 Jun 2021 22:14
Operator : CG/JU
Sample : M2891-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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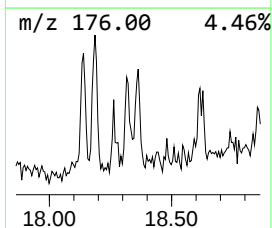
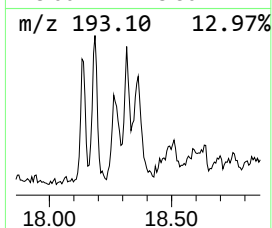
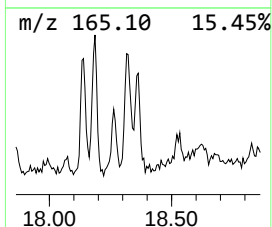
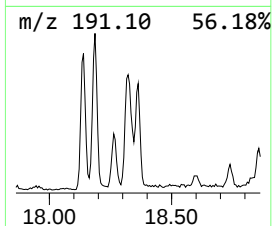
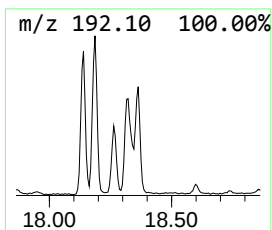
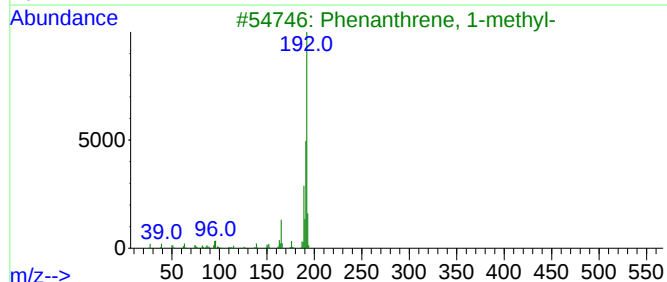
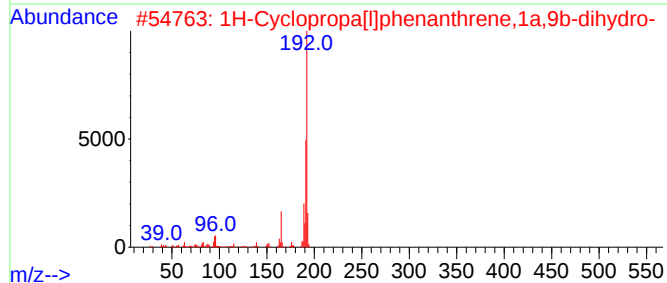
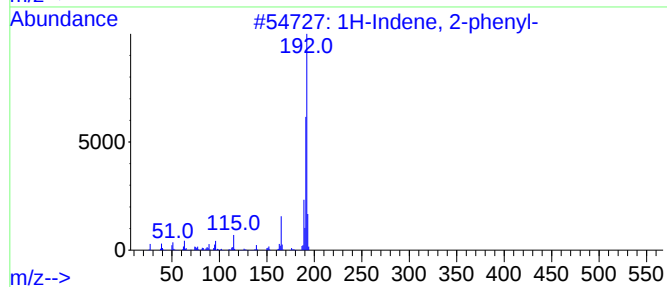
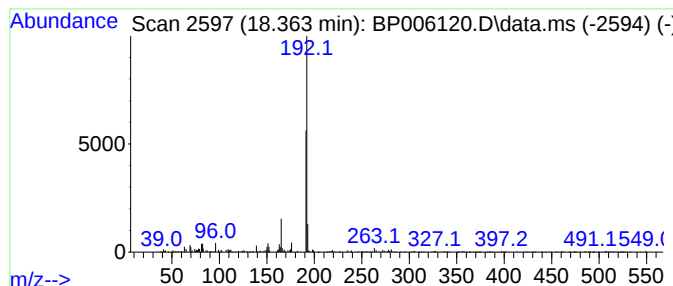
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	2.75 ng	140040	Phenanthrene-d10	17.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006120.D
Acq On : 30 Jun 2021 22:14
Operator : CG/JU
Sample : M2891-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

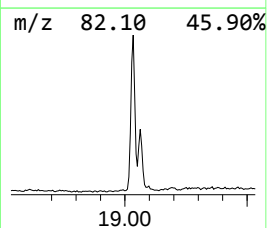
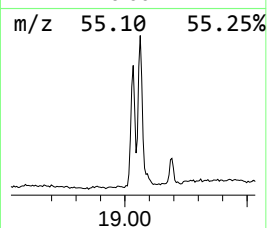
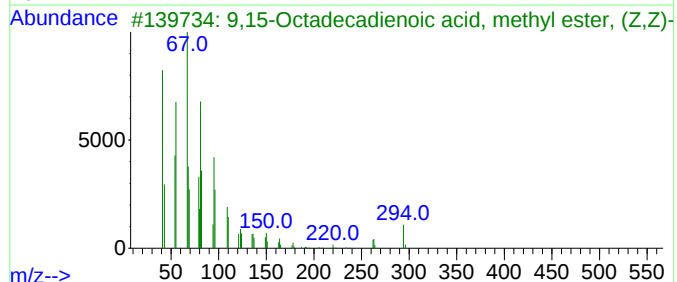
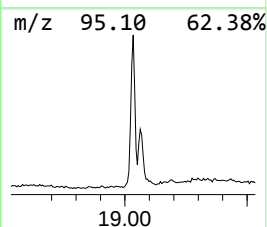
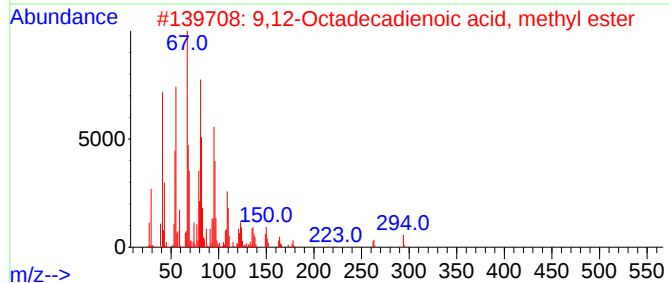
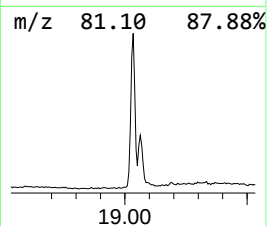
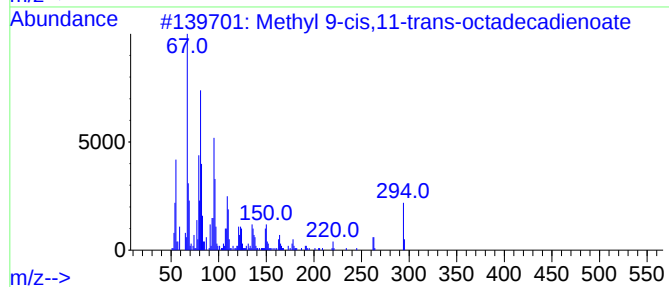
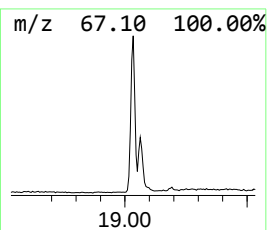
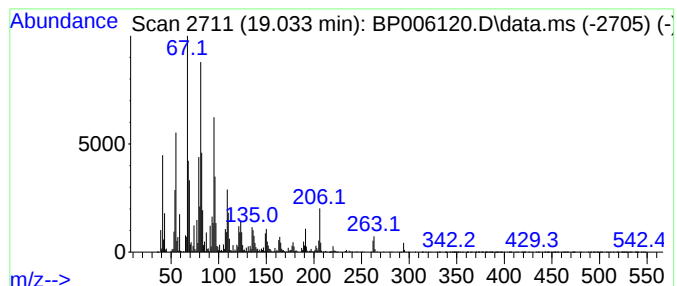
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Methyl 9-cis,11-trans-octad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.034	28.81 ng	1466300	Phenanthrene-d10	17.269	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006120.D
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Operator : CG/JU
Sample : M2891-01 2X
Misc :
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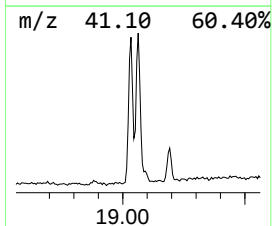
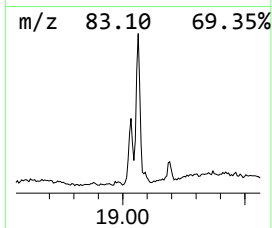
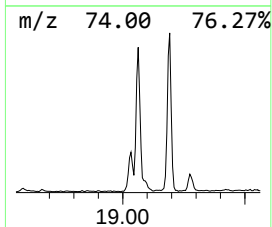
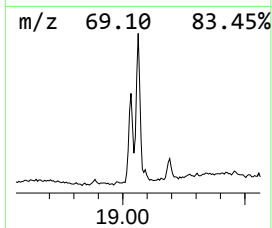
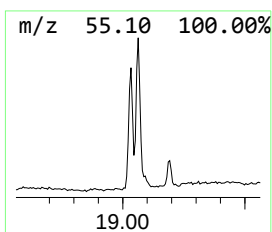
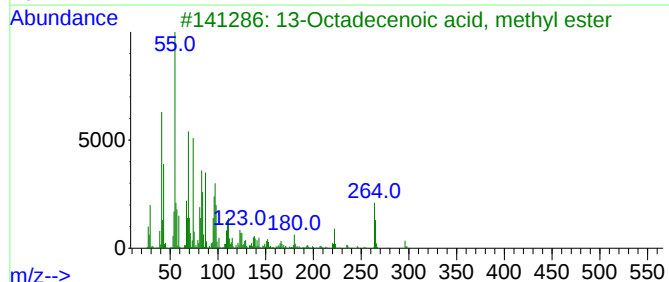
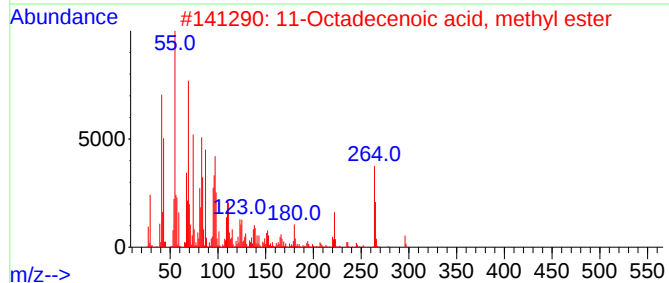
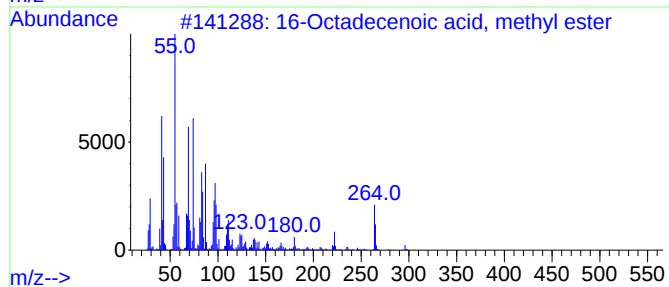
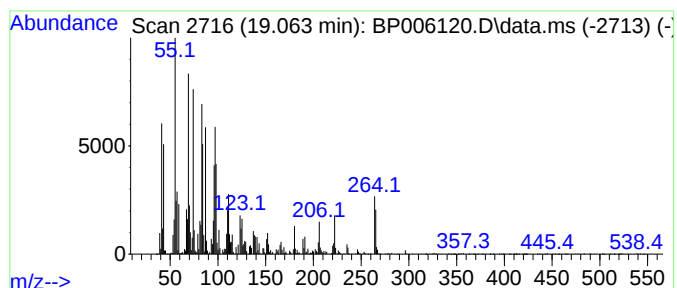
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 16-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.063	29.29 ng	1491070	Phenanthrene-d10	17.269		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
2		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006120.D
Acq On : 30 Jun 2021 22:14
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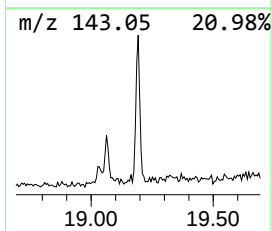
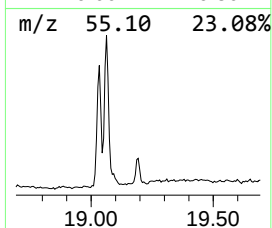
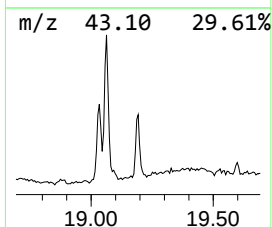
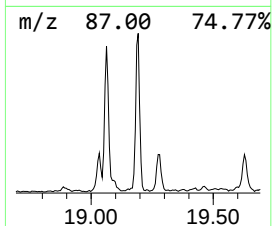
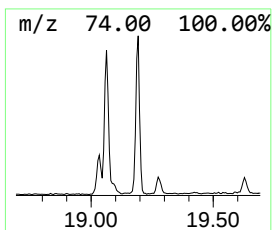
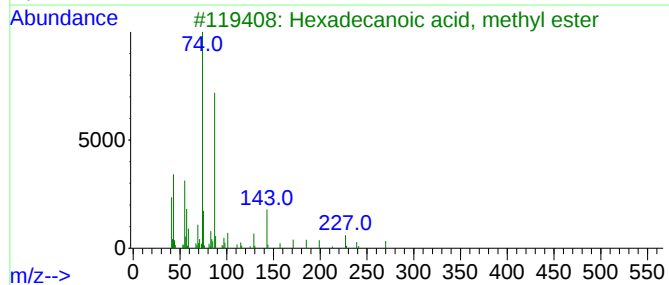
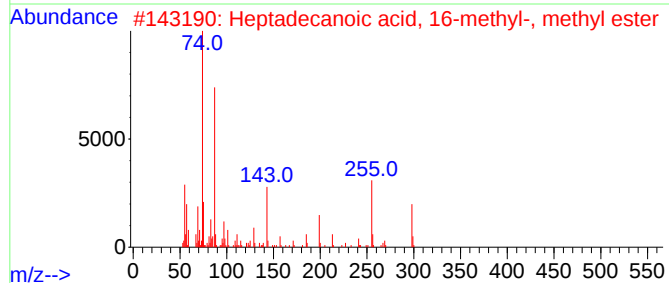
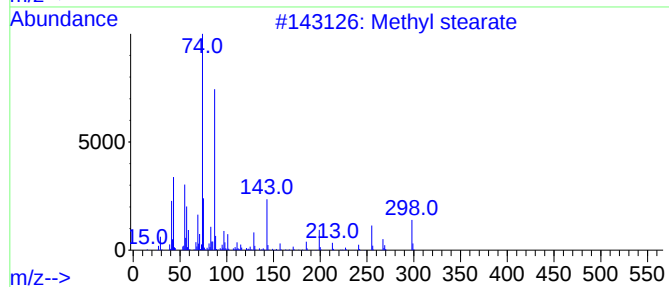
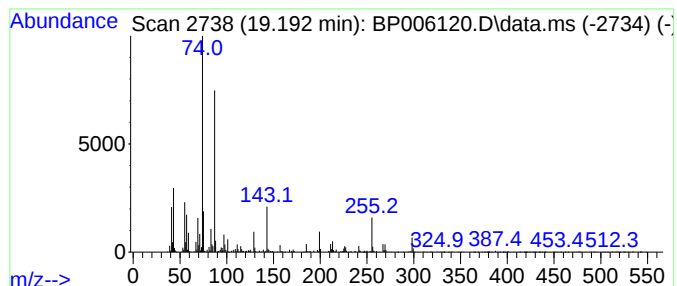
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	6.64 ng	338020	Phenanthrene-d10	17.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
5			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006120.D
Acq On : 30 Jun 2021 22:14
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-062821

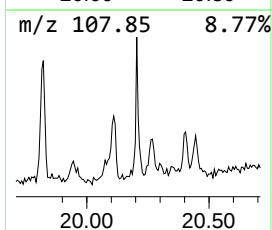
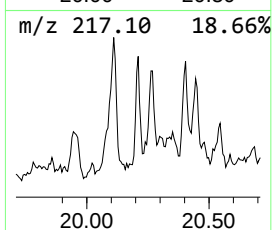
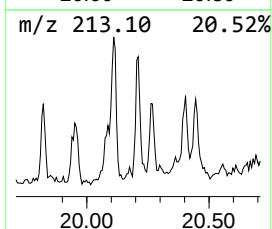
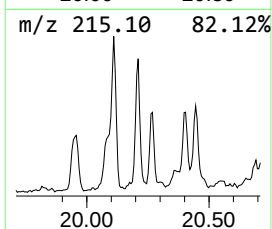
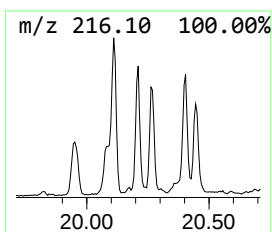
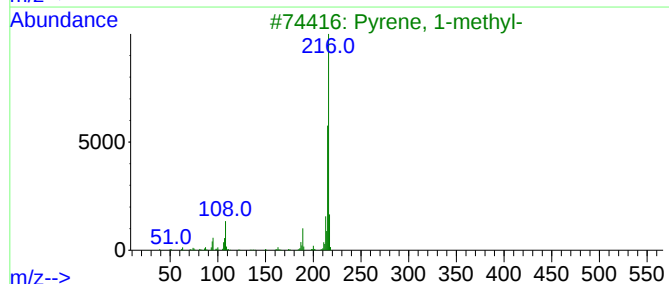
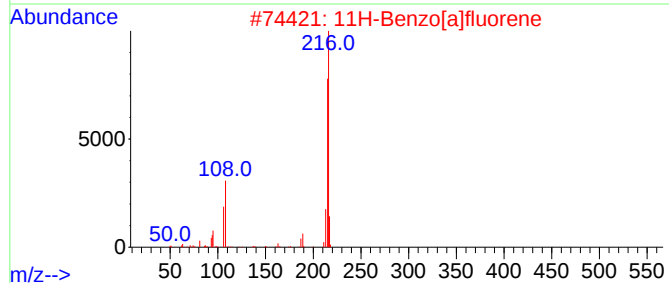
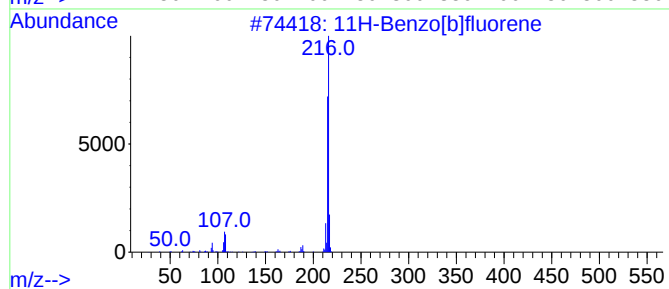
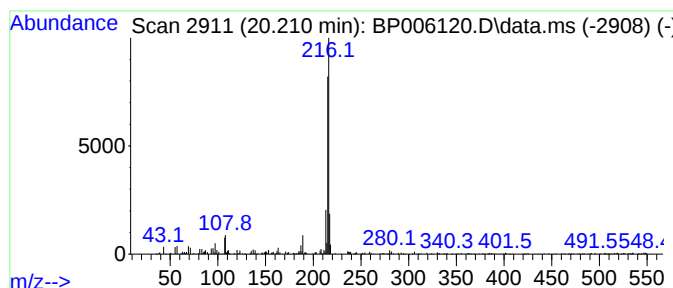
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.210	2.34 ng	153991	Chrysene-d12	21.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4			Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	50
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006120.D
Acq On : 30 Jun 2021 22:14
Operator : CG/JU
Sample : M2891-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-062821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.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
Naphtho[1,2-b]t...	17.087	2.1	ng	105610	4	17.269	1018010	20.0
Hexadecanoic ac...	17.933	7.9	ng	402029	4	17.269	1018010	20.0
Anthracene, 2-m...	18.139	4.5	ng	229802	4	17.269	1018010	20.0
Phenanthrene, 2...	18.186	4.3	ng	217954	4	17.269	1018010	20.0
1H-Cyclopropa[1...	18.263	2.3	ng	118343	4	17.269	1018010	20.0
4H-Cyclopenta[d...	18.328	6.8	ng	344807	4	17.269	1018010	20.0
1H-Indene, 2-ph...	18.363	2.8	ng	140040	4	17.269	1018010	20.0
Methyl 9-cis,11...	19.034	28.8	ng	1466300	4	17.269	1018010	20.0
16-Octadecenoic...	19.063	29.3	ng	1491070	4	17.269	1018010	20.0
Methyl stearate	19.192	6.6	ng	338020	4	17.269	1018010	20.0
11H-Benzo[b]flu...	20.210	2.3	ng	153991	5	21.351	1318810	20.0