

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
 Data File : BP009621.D
 Acq On : 30 Mar 2022 16:33
 Operator : CG/JU
 Sample : N2150-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 362

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-BP031722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009621.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.346	394	401	425	rBV	3014586	5294381	49.61%	5.681%
2	6.928	660	670	691	rBV	2942004	5493244	51.47%	5.894%
3	7.734	800	807	817	rBV	754040	1329011	12.45%	1.426%
4	8.893	996	1004	1028	rVB	1883862	3491402	32.71%	3.746%
5	10.528	1274	1282	1298	rBV	1134003	2116486	19.83%	2.271%
6	13.004	1695	1703	1717	rBV	3909894	6235508	58.43%	6.690%
7	14.104	1884	1890	1900	rBV	156944	279242	2.62%	0.300%
8	14.387	1931	1938	1945	rBV	1339505	2125200	19.91%	2.280%
9	15.887	2184	2193	2203	rBV	3467646	5409578	50.69%	5.804%
10	17.151	2401	2408	2412	rBV	1632743	2557870	23.97%	2.744%
11	17.192	2412	2415	2421	rVB	659029	927712	8.69%	0.995%
12	17.287	2426	2431	2437	rVB	200552	311024	2.91%	0.334%
13	17.563	2474	2478	2487	rBV	73775	130680	1.22%	0.140%
14	18.028	2553	2557	2559	rBV	150407	183601	1.72%	0.197%
15	18.063	2559	2563	2572	rVB2	525332	927546	8.69%	0.995%
16	18.216	2583	2589	2593	rBV2	287264	529294	4.96%	0.568%
17	18.251	2593	2595	2602	rVB	155356	191663	1.80%	0.206%
18	18.345	2606	2611	2619	rBV6	123406	240413	2.25%	0.258%
19	18.516	2636	2640	2644	rBV	118675	151614	1.42%	0.163%
20	18.557	2644	2647	2652	rVB2	101898	145208	1.36%	0.156%
21	18.904	2700	2706	2707	rBV	297042	460444	4.31%	0.494%
22	19.057	2728	2732	2739	rBV	259308	440867	4.13%	0.473%
23	19.175	2747	2752	2760	rBV	2924756	4161564	38.99%	4.465%
24	19.275	2766	2769	2771	rBV	104780	128404	1.20%	0.138%
25	19.416	2790	2793	2796	rVB	125845	149165	1.40%	0.160%
26	19.528	2803	2812	2821	rBV	3227795	5603758	52.51%	6.013%
27	19.604	2822	2825	2832	rVB2	183002	311546	2.92%	0.334%
28	19.733	2840	2847	2852	rBV	8124591	10672539	100.00%	11.451%
29	19.851	2862	2867	2874	rBV2	268075	626732	5.87%	0.672%
30	20.022	2886	2896	2903	rVB	549020	1295465	12.14%	1.390%
31	20.116	2908	2912	2916	rBV	381999	514454	4.82%	0.552%
32	20.175	2918	2922	2926	rVV2	286665	398775	3.74%	0.428%
33	20.310	2942	2945	2949	rBV	274049	322845	3.03%	0.346%
34	20.363	2950	2954	2958	rVV2	310246	456094	4.27%	0.489%
35	20.757	3018	3021	3027	rVB	277190	410695	3.85%	0.441%
36	20.957	3052	3055	3057	rBV	208361	219885	2.06%	0.236%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009621.D
Acq On : 30 Mar 2022 16:33
Operator : CG/JU
Sample : N2150-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
362

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.992	3057	3061	3068	rVB2	1198906	1829705	17.14%	1.963%
38	21.269	3101	3108	3112	rBV2	3095679	6099024	57.15%	6.544%
39	21.304	3112	3114	3122	rVB	1611089	1912610	17.92%	2.052%
40	21.386	3123	3128	3133	rBV	5392393	7511135	70.38%	8.059%
41	22.927	3384	3390	3395	rBV	1785658	4108436	38.50%	4.408%
42	23.439	3472	3477	3486	rVB	793774	1633649	15.31%	1.753%
43	23.539	3489	3494	3502	rVB	1085029	2270782	21.28%	2.436%
44	23.645	3506	3512	3519	rBV2	1688488	3592528	33.66%	3.855%

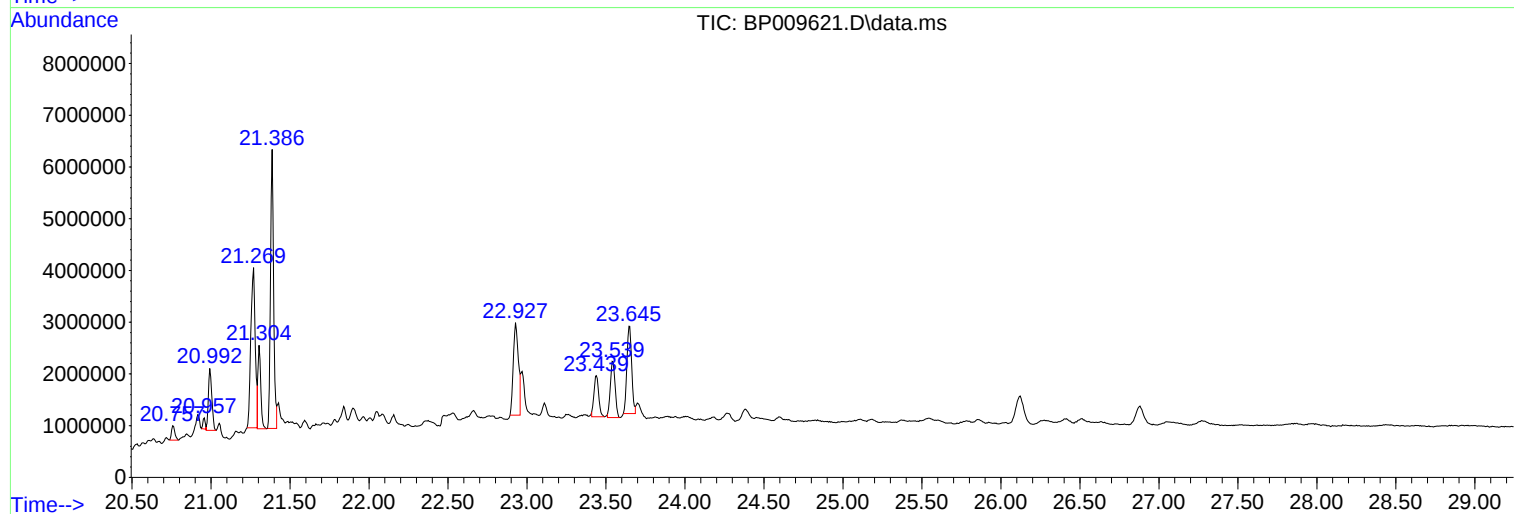
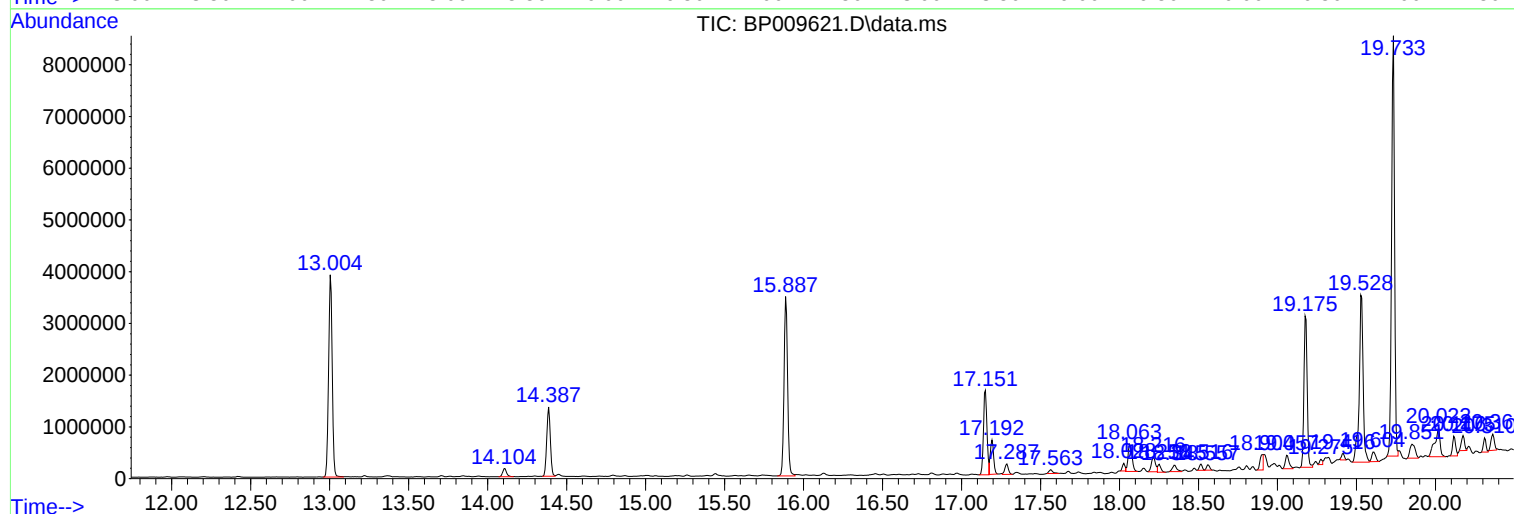
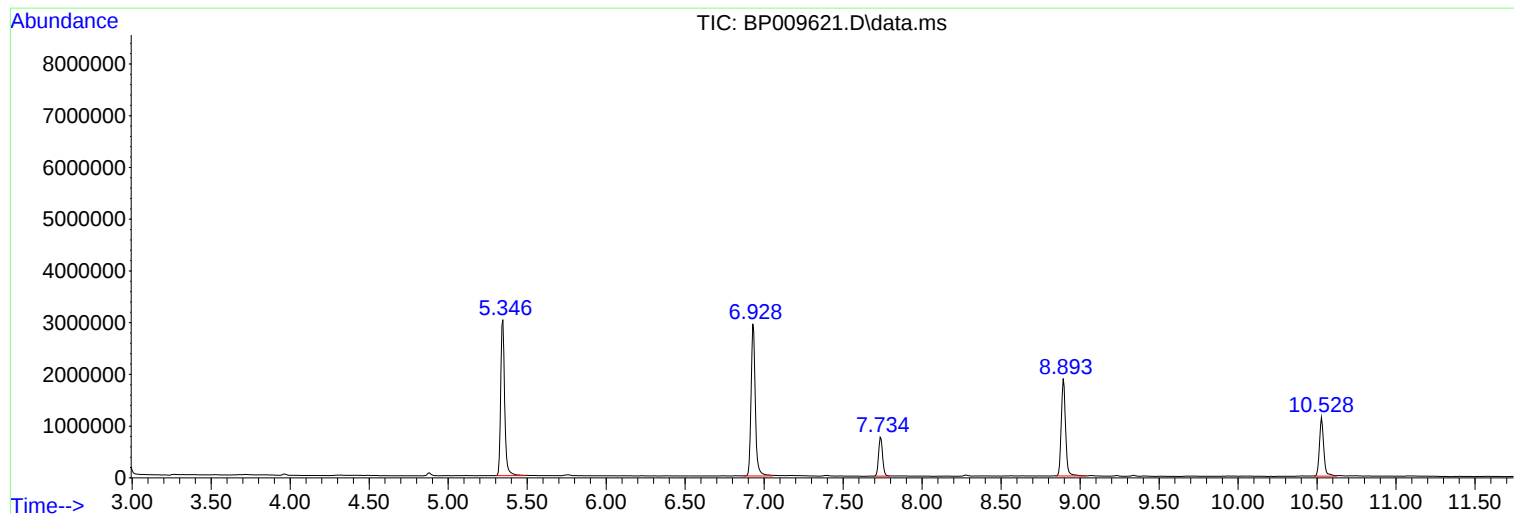
Sum of corrected areas: 93201778

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009621.D
Acq On : 30 Mar 2022 16:33
Operator : CG/JU
Sample : N2150-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
362

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009621.D
Acq On : 30 Mar 2022 16:33
Operator : CG/JU
Sample : N2150-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
362

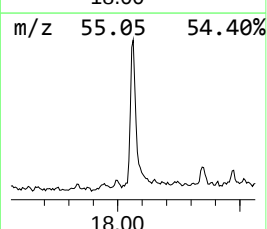
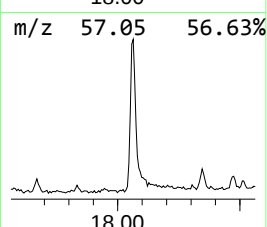
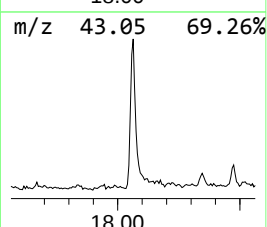
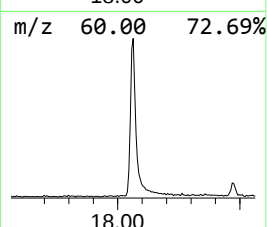
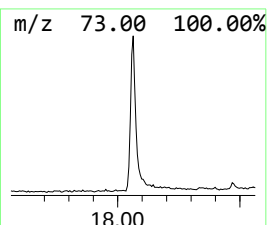
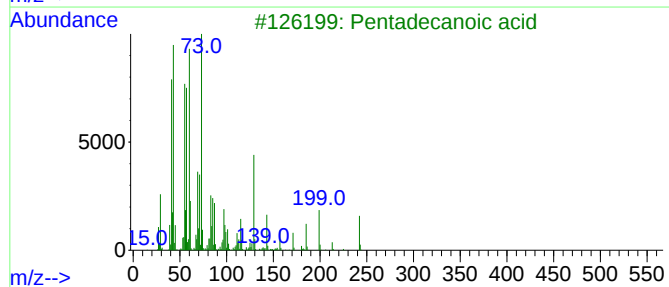
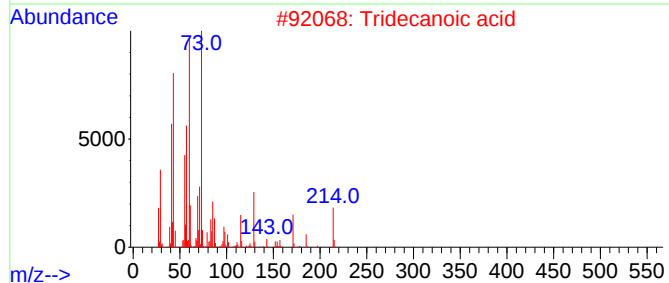
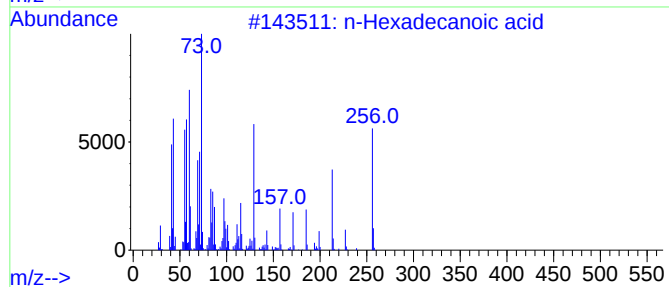
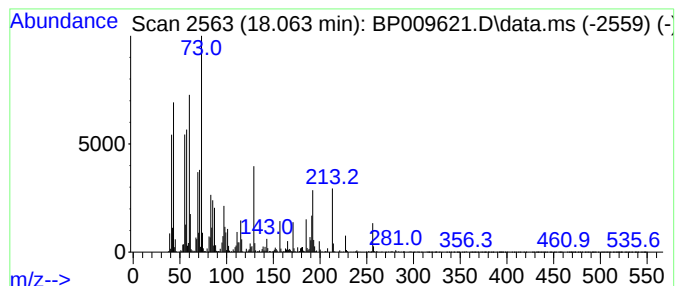
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	7.25 ng	927546	Phenanthrene-d10	17.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	70
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4		Octadecanoic acid	284	C18H36O2	000057-11-4	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009621.D
Acq On : 30 Mar 2022 16:33
Operator : CG/JU
Sample : N2150-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
362

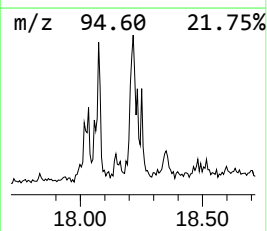
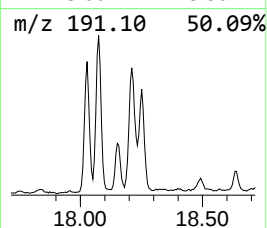
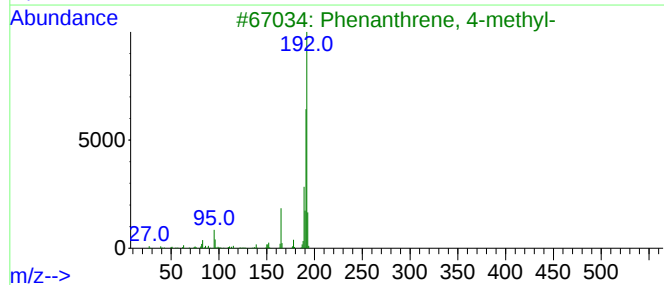
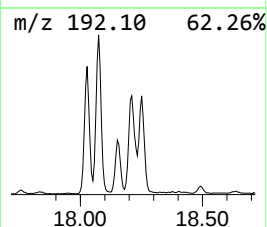
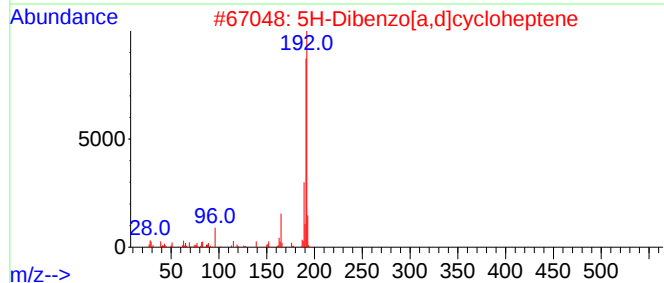
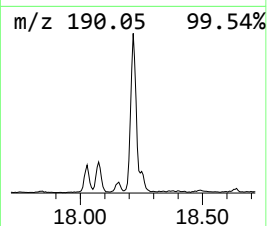
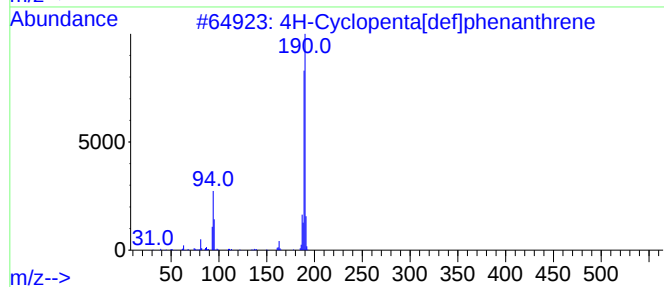
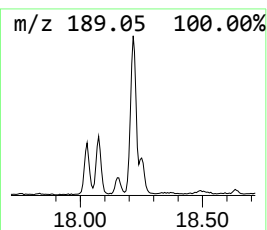
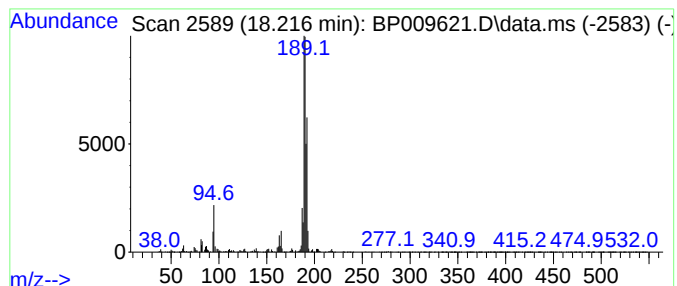
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	4.14 ng	529294	Phenanthrene-d10	17.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009621.D
Acq On : 30 Mar 2022 16:33
Operator : CG/JU
Sample : N2150-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
362

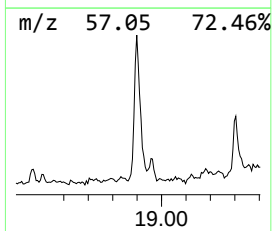
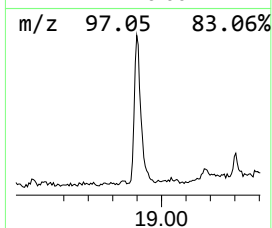
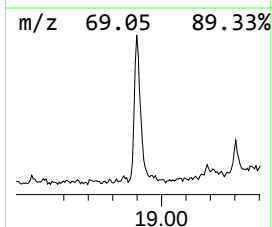
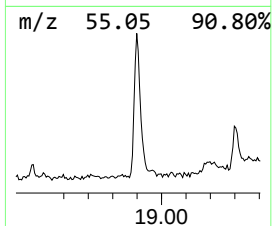
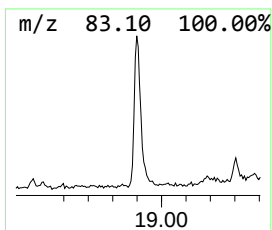
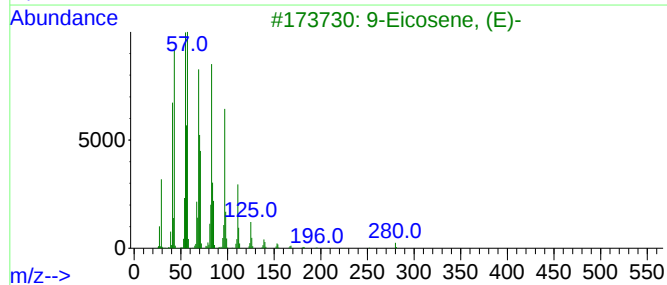
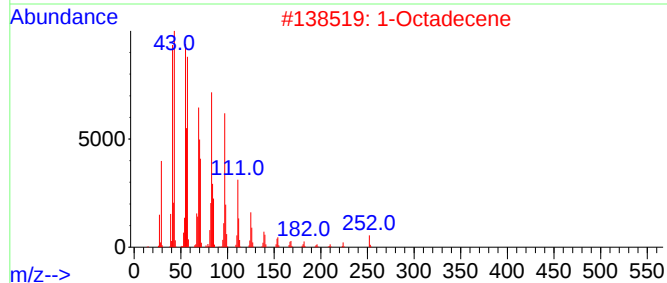
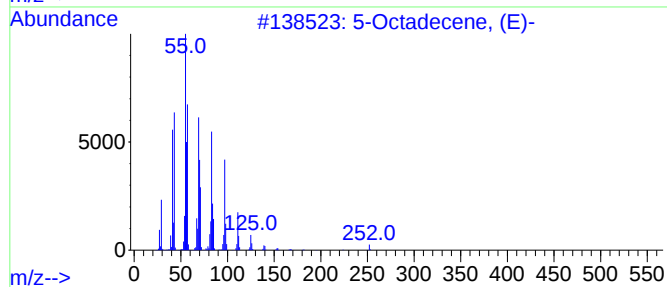
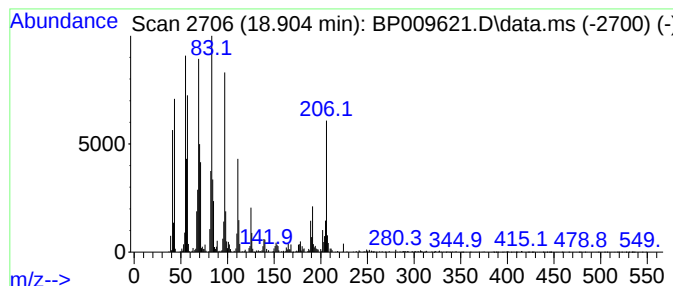
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 5-Octadecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.904	3.60 ng	460444	Phenanthrene-d10	17.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octadecene, (E)-	252	C18H36	007206-21-5	98
2		1-Octadecene	252	C18H36	000112-88-9	96
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	95
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009621.D
Acq On : 30 Mar 2022 16:33
Operator : CG/JU
Sample : N2150-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
362

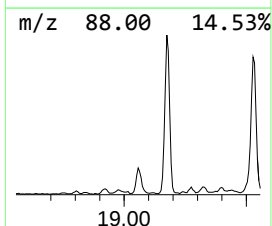
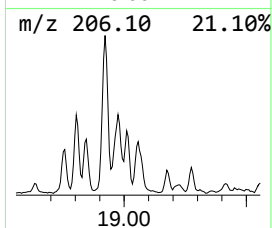
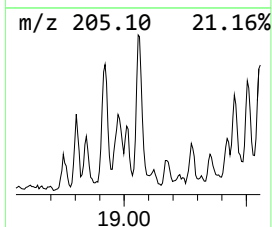
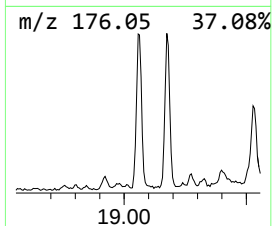
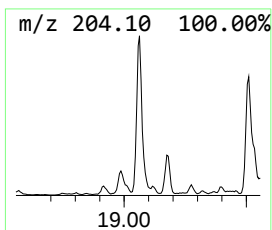
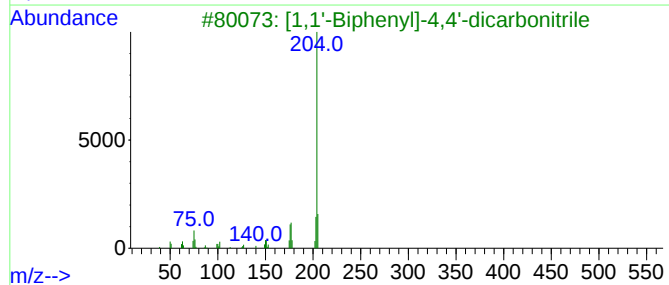
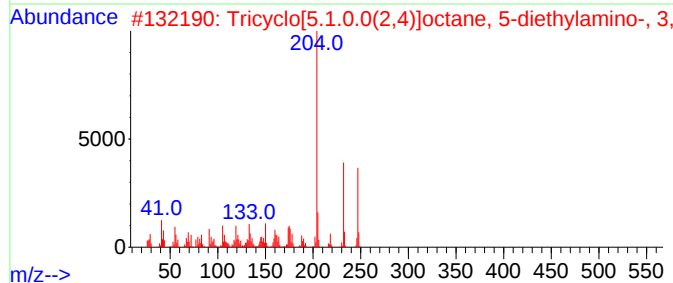
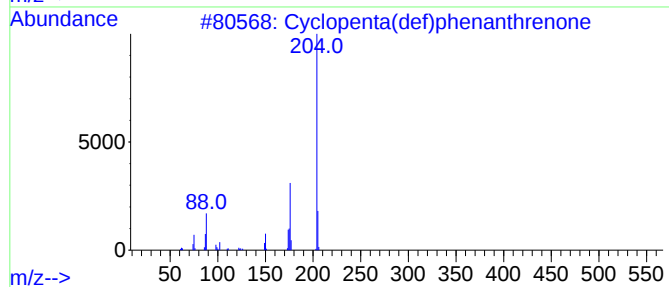
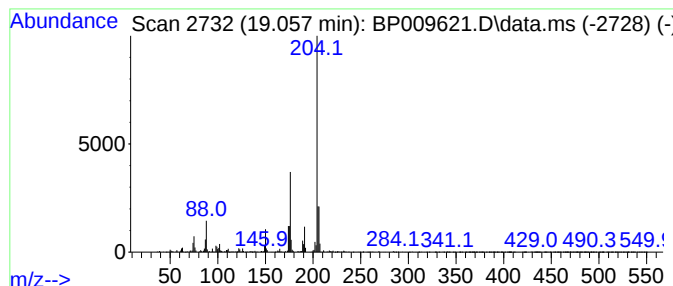
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	3.45 ng	440867	Phenanthrene-d10	17.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2			Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	50
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009621.D
Acq On : 30 Mar 2022 16:33
Operator : CG/JU
Sample : N2150-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
362

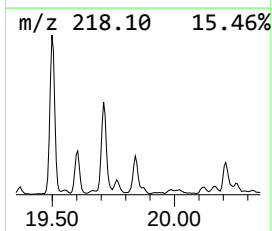
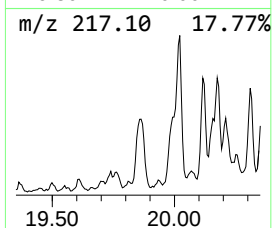
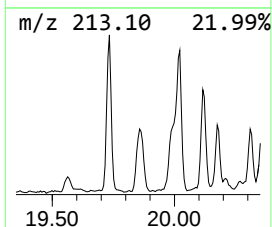
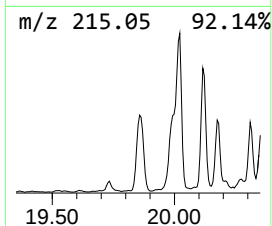
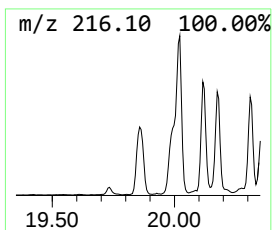
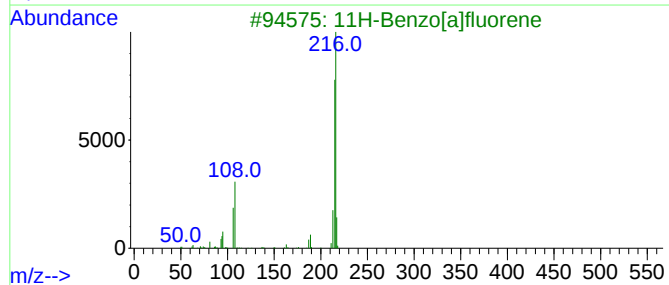
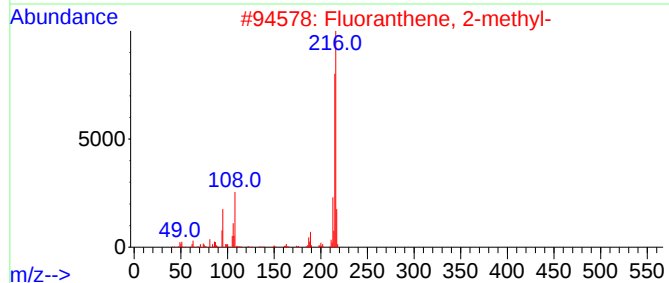
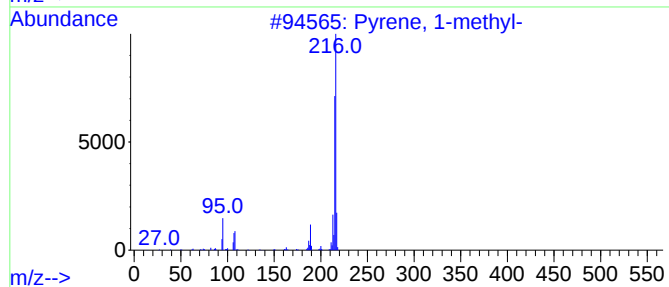
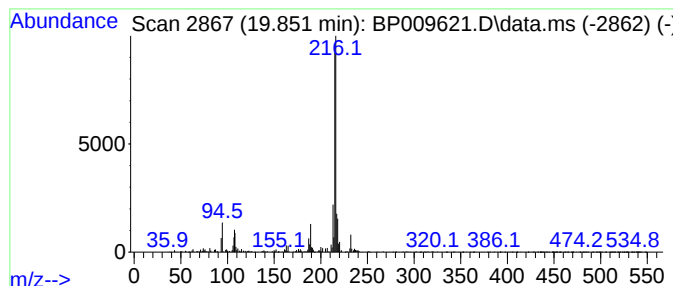
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.851	2.06 ng	626732	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009621.D
Acq On : 30 Mar 2022 16:33
Operator : CG/JU
Sample : N2150-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
362

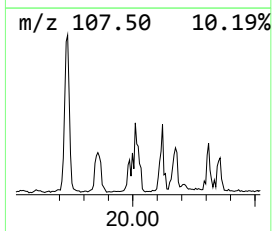
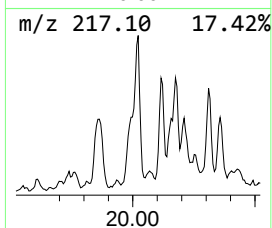
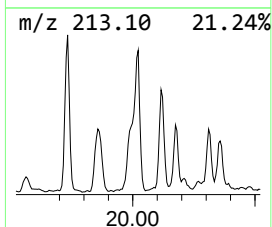
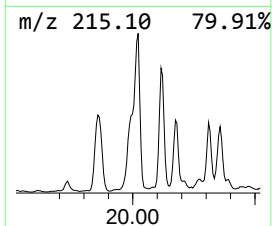
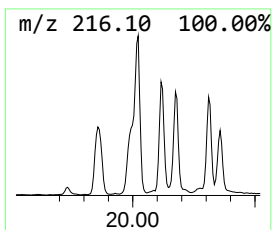
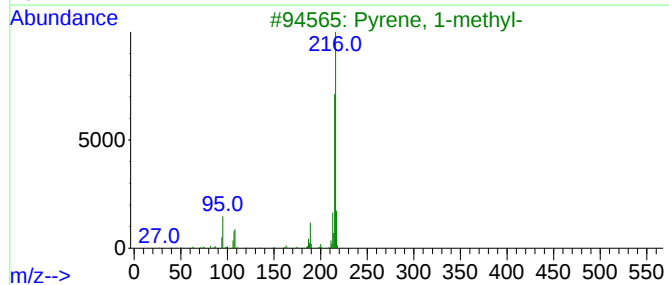
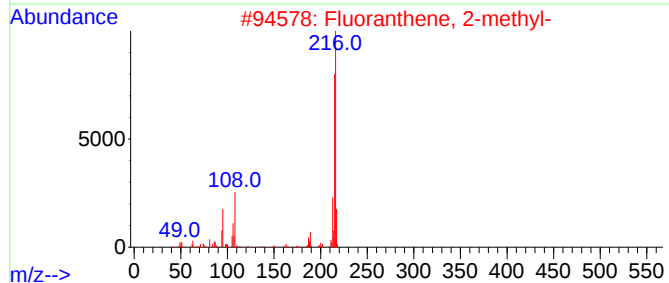
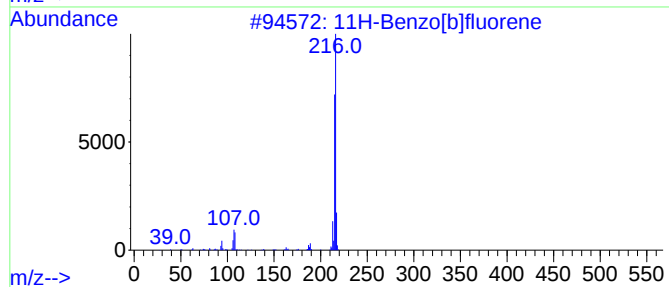
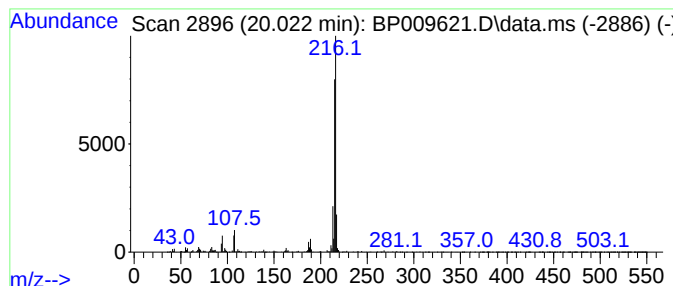
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.022	4.25 ng	1295470	Chrysene-d12	21.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009621.D
Acq On : 30 Mar 2022 16:33
Operator : CG/JU
Sample : N2150-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
362

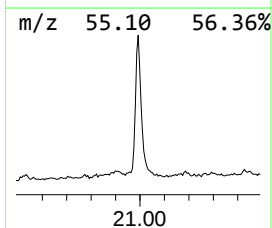
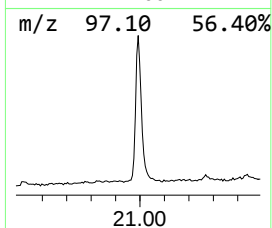
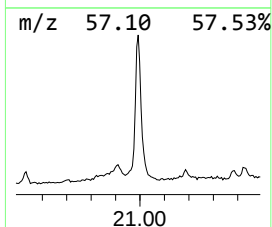
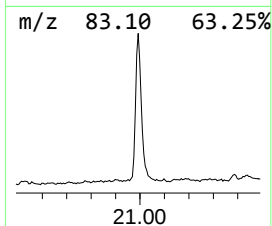
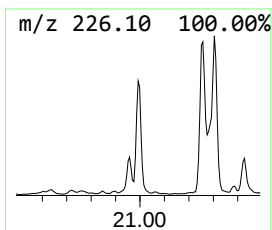
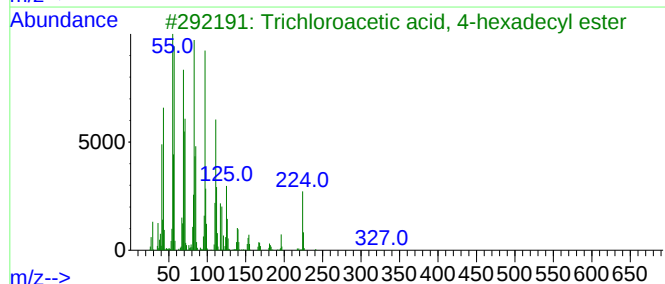
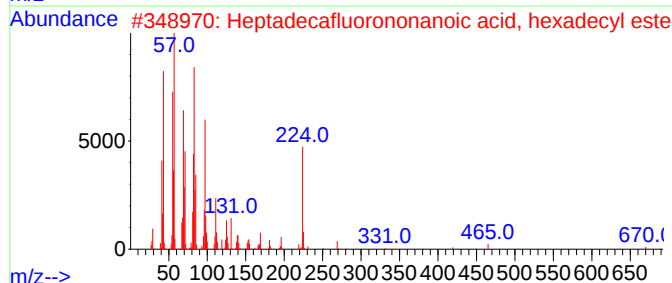
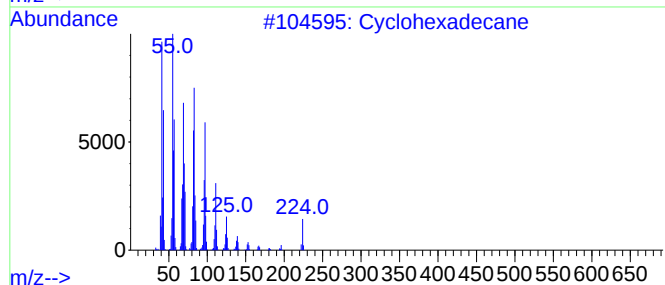
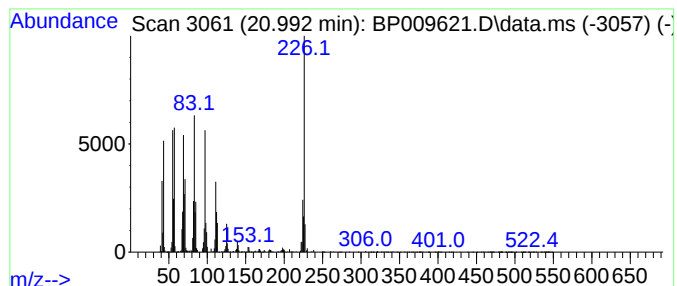
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown20.992 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	6.00 ng	1829710	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	43
2			Heptadecafluorononanoic acid, he...	688	C25H33F17O2	1000356-03-2	43
3			Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	43
4			Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	38
5			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009621.D
Acq On : 30 Mar 2022 16:33
Operator : CG/JU
Sample : N2150-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
362

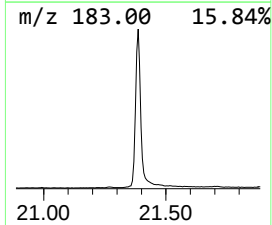
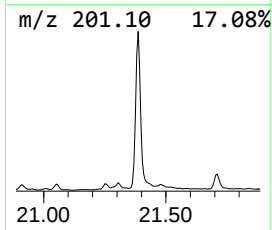
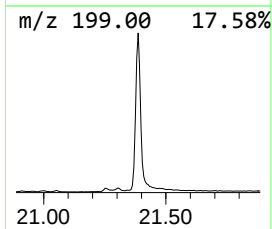
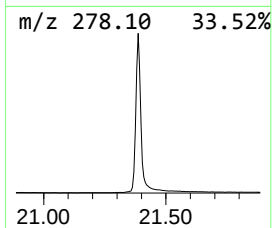
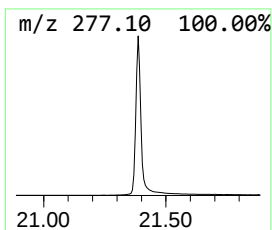
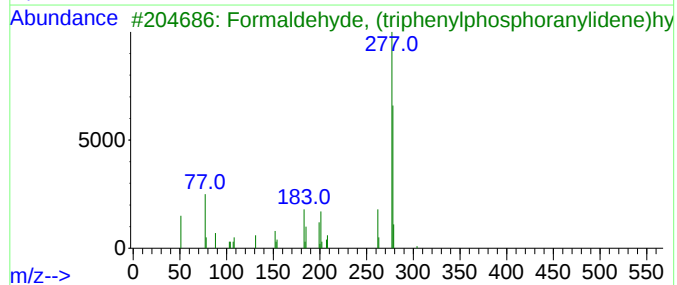
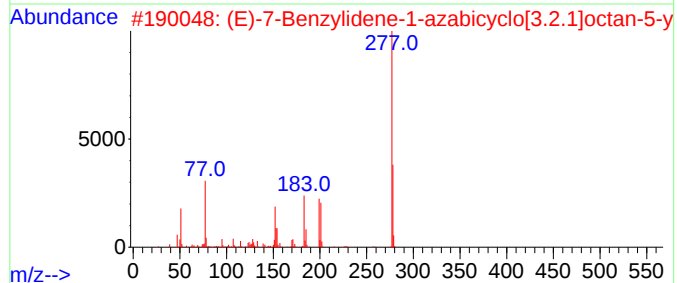
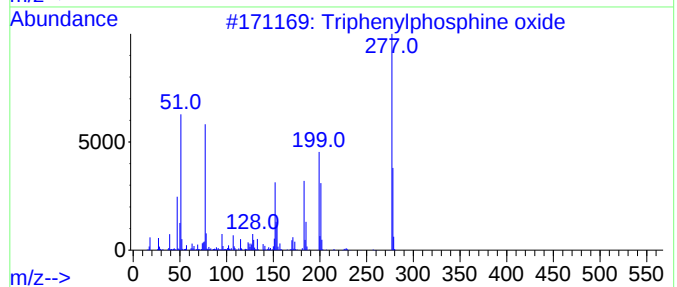
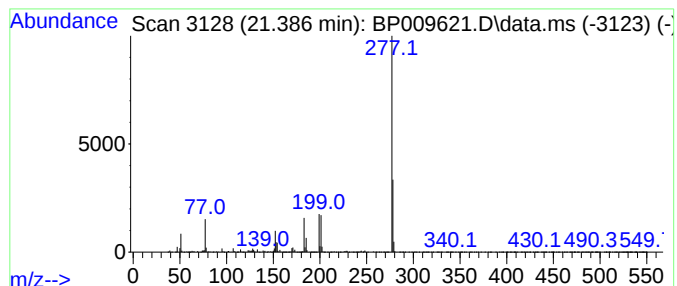
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.386	24.63 ng	7511140	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	91
3			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4			Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	36
5			5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009621.D
Acq On : 30 Mar 2022 16:33
Operator : CG/JU
Sample : N2150-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
362

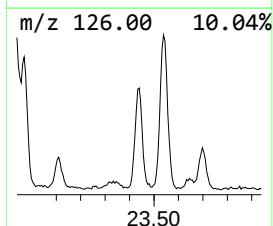
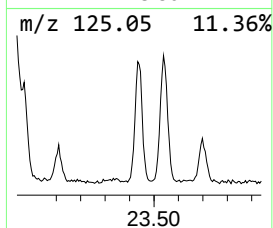
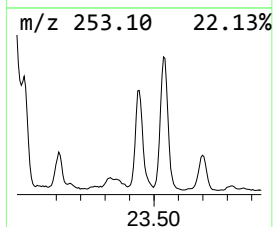
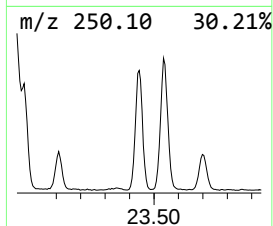
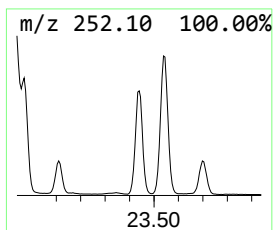
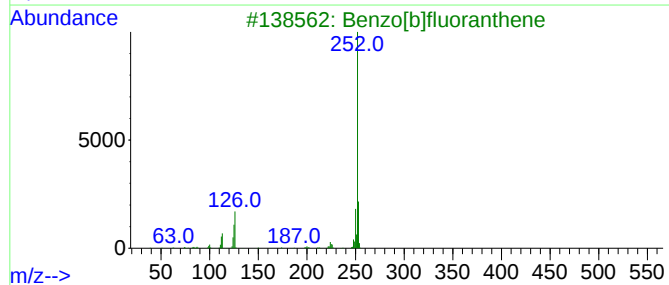
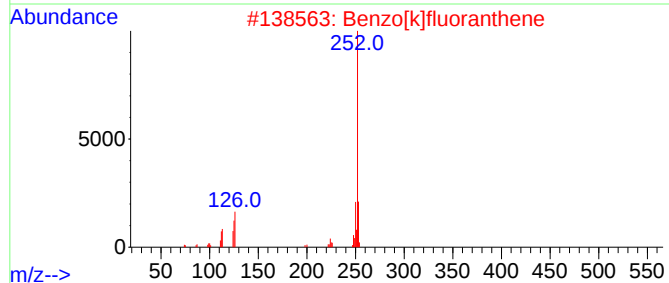
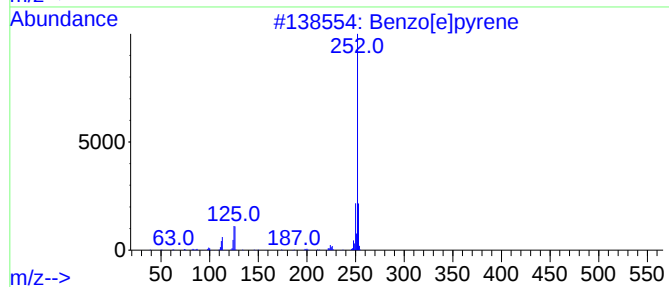
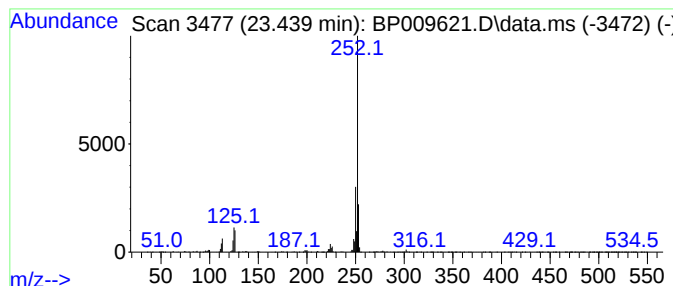
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.439	9.09 ng	1633650	Perylene-d12	23.651

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			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4			Perylene	252	C20H12	000198-55-0	96
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
 Data File : BP009621.D
 Acq On : 30 Mar 2022 16:33
 Operator : CG/JU
 Sample : N2150-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 362

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.063	7.3	ng	927546	4	17.151	2557870	20.0
4H-Cyclopenta[d]...	18.216	4.1	ng	529294	4	17.151	2557870	20.0
5-Octadecene, (E)-	18.904	3.6	ng	460444	4	17.151	2557870	20.0
Cyclopenta(def)...	19.057	3.5	ng	440867	4	17.151	2557870	20.0
Pyrene, 1-methyl-	19.851	2.1	ng	626732	5	21.269	6099020	20.0
11H-Benzo[b]flu...	20.022	4.3	ng	1295470	5	21.269	6099020	20.0
unknown20.992	20.992	6.0	ng	1829710	5	21.269	6099020	20.0
Triphenylphosph...	21.386	24.6	ng	7511140	5	21.269	6099020	20.0
Benzo[e]pyrene	23.439	9.1	ng	1633650	6	23.651	3592530	20.0