

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009415.D
 Acq On : 16 Mar 2022 00:42
 Operator : CG/JU
 Sample : N1894-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP1(0-10)

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-BP030522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009415.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	408	414	428	rVB	1651995	2850128	5.50%	1.321%
2	7.010	677	684	701	rBV	1511021	2915444	5.63%	1.352%
3	7.810	813	820	830	rBV	1334562	2285286	4.41%	1.060%
4	8.963	1009	1016	1029	rBV	1022193	1920262	3.71%	0.890%
5	10.604	1286	1295	1310	rBV	1719834	3280890	6.33%	1.521%
6	13.075	1708	1715	1728	rBV	2998914	4746544	9.16%	2.201%
7	14.175	1896	1902	1912	rVB	460664	757528	1.46%	0.351%
8	14.451	1943	1949	1956	rBV	2702310	4409975	8.51%	2.045%
9	15.951	2198	2204	2212	rBV	2568729	4057785	7.83%	1.881%
10	17.216	2413	2419	2423	rBV	3430725	5380471	10.39%	2.495%
11	17.257	2423	2426	2433	rVV	1844897	2671570	5.16%	1.239%
12	17.351	2437	2442	2447	rVB	787694	1188269	2.29%	0.551%
13	17.628	2482	2489	2499	rBV	382311	762886	1.47%	0.354%
14	18.127	2570	2574	2582	rVB2	1413292	2376074	4.59%	1.102%
15	18.280	2594	2600	2603	rBV2	452322	836105	1.61%	0.388%
16	19.116	2738	2742	2749	rVB	399723	596932	1.15%	0.277%
17	19.239	2757	2763	2770	rBV	5140922	7578361	14.63%	3.514%
18	19.363	2780	2784	2792	rVB2	726463	1535628	2.96%	0.712%
19	19.592	2814	2823	2831	rBV	4522023	7275179	14.05%	3.373%
20	19.792	2852	2857	2861	rVB	4862250	6219293	12.01%	2.883%
21	20.474	2970	2973	2977	rVB	602492	678265	1.31%	0.314%
22	20.810	3027	3030	3037	rVB	733167	1008784	1.95%	0.468%
23	20.951	3050	3054	3061	rBV3	1534720	2684422	5.18%	1.245%
24	21.021	3062	3066	3067	rBV2	604312	828013	1.60%	0.384%
25	21.104	3077	3080	3084	rBV	734266	917077	1.77%	0.425%
26	21.251	3100	3105	3111	rVB2	37255343	51798506	100.00%	24.015%
27	21.327	3111	3118	3122	rBV2	5641086	11234634	21.69%	5.209%
28	21.363	3122	3124	3129	rVB	2229745	2492682	4.81%	1.156%
29	21.451	3135	3139	3147	rBV2	2503013	5149567	9.94%	2.387%
30	21.651	3169	3173	3179	rVB2	1135141	1662930	3.21%	0.771%
31	21.786	3191	3196	3201	rVB	2874775	4214975	8.14%	1.954%
32	21.845	3201	3206	3210	rBV	2263853	3167360	6.11%	1.468%
33	22.180	3258	3263	3278	rVB	6232153	10114684	19.53%	4.689%
34	22.621	3335	3338	3345	rVB	1030371	1526448	2.95%	0.708%
35	22.792	3361	3367	3375	rVB	4687629	8843832	17.07%	4.100%
36	22.886	3379	3383	3392	rVB	1984994	3511791	6.78%	1.628%

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ClientSampleId :
TP1(0-10)

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	23.010	3398	3404	3423	rVB	2495107	8426210	16.27%	3.907%
38	23.280	3444	3450	3451	rBV	3726515	5990130	11.56%	2.777%
39	23.533	3489	3493	3502	rVB	1430136	2964674	5.72%	1.374%
40	23.639	3505	3511	3519	rVB2	2407900	5377485	10.38%	2.493%
41	23.745	3523	3529	3535	rBV3	3044084	6620706	12.78%	3.070%
42	24.027	3573	3577	3581	rBV	1355588	2547868	4.92%	1.181%
43	24.715	3687	3694	3708	rVB	4069170	10286322	19.86%	4.769%

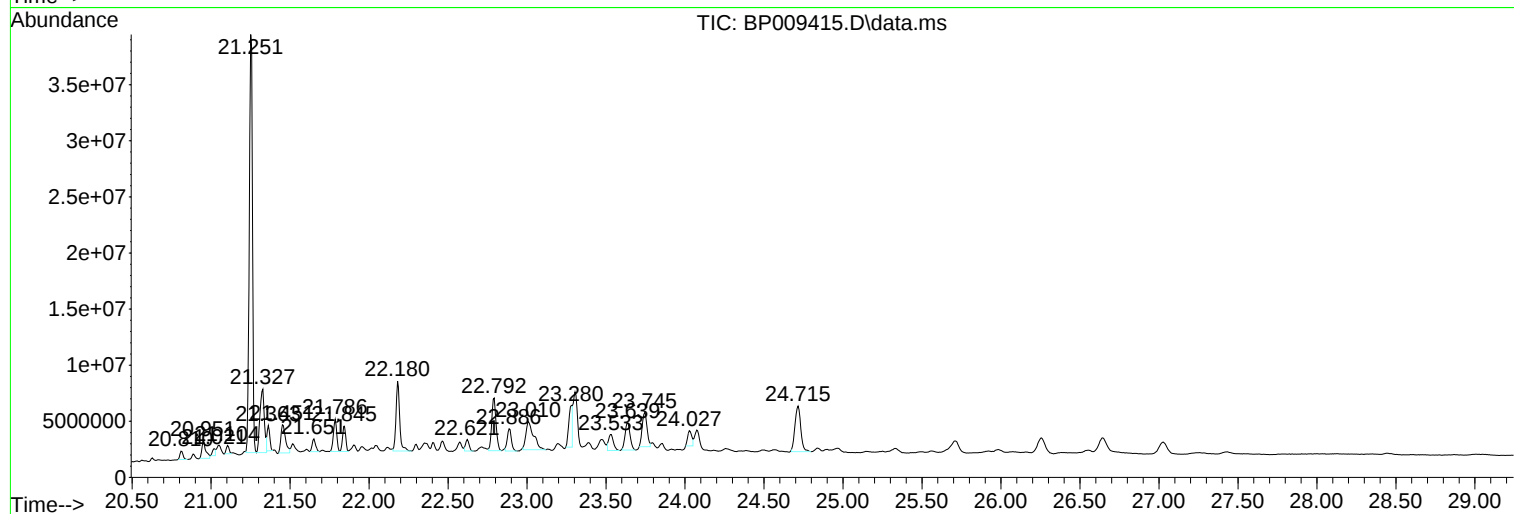
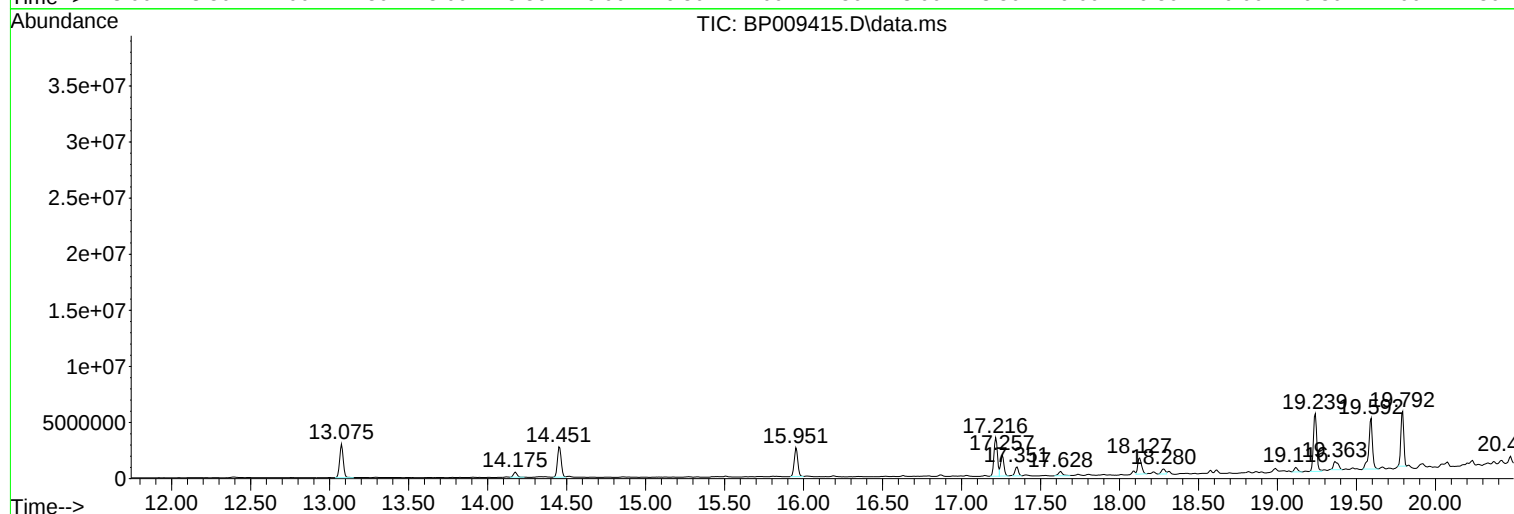
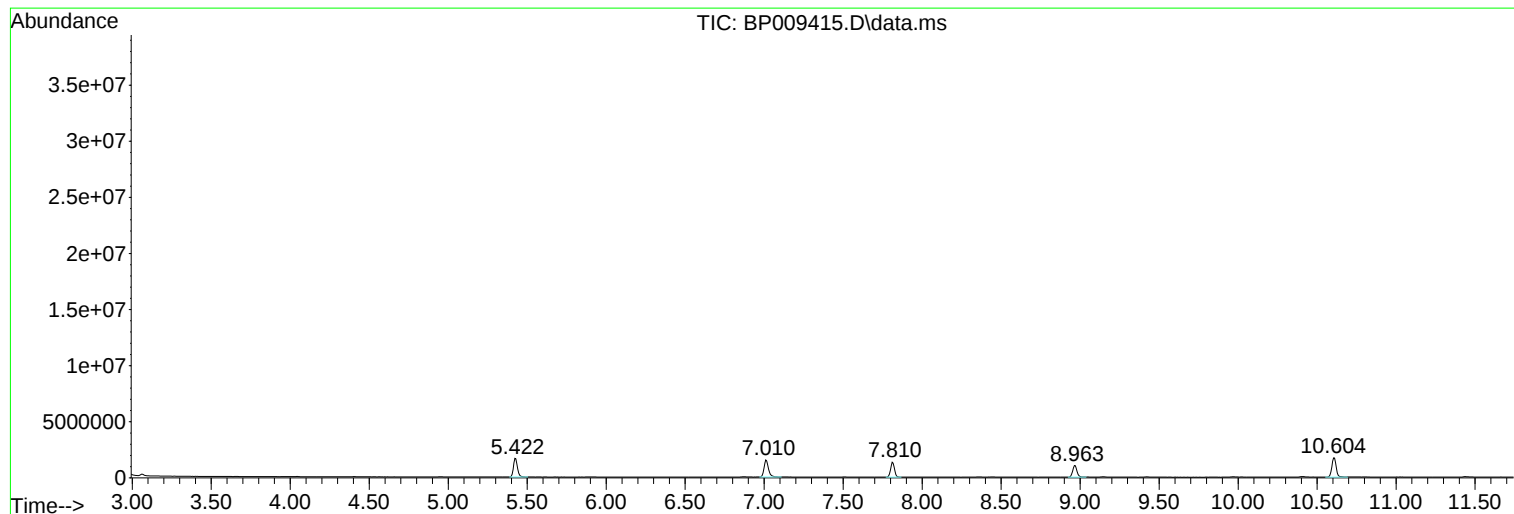
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

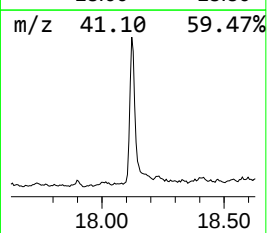
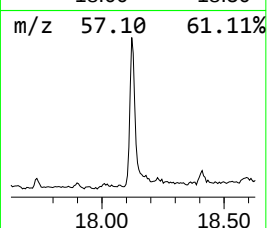
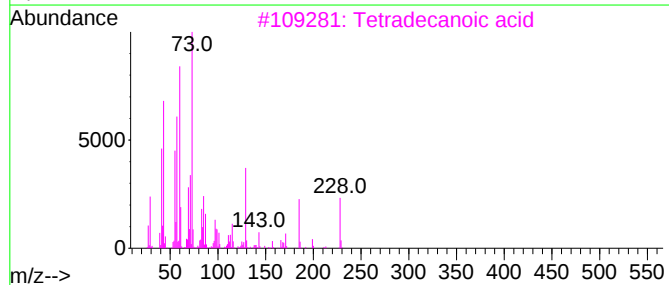
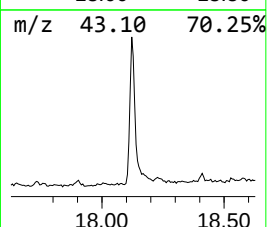
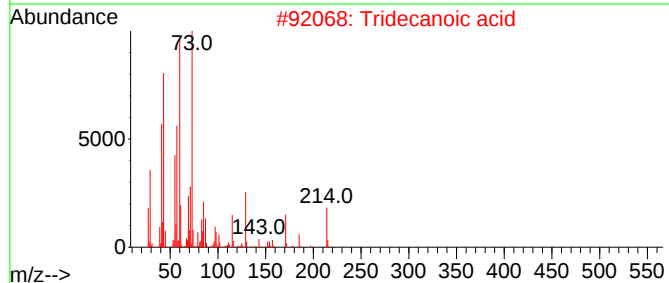
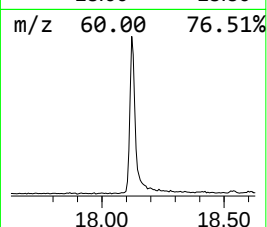
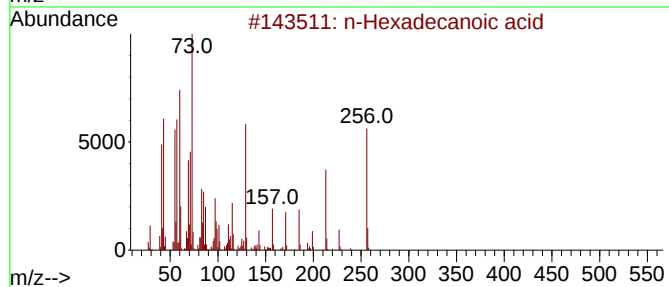
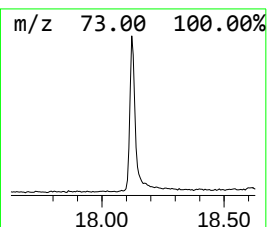
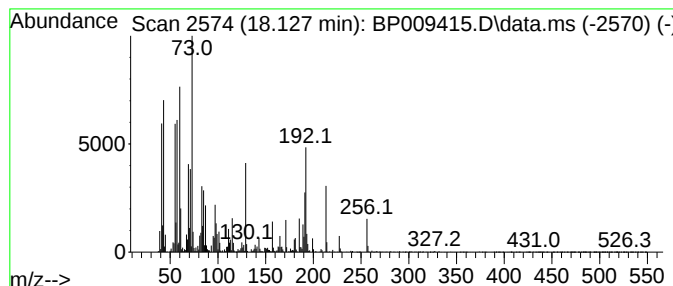
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	8.83 ng	2376070	Phenanthrene-d10	17.216

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	86
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4			Octadecanoic acid	284	C18H36O2	000057-11-4	70
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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Misc :
ALS Vial : 19 Sample Multiplier: 1

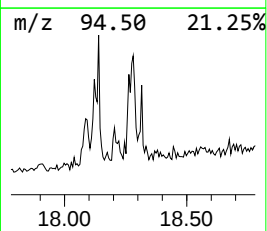
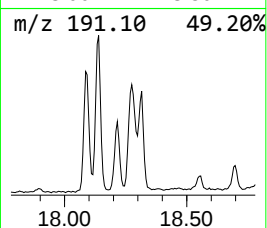
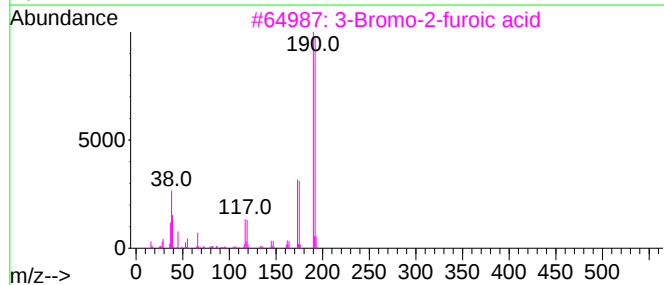
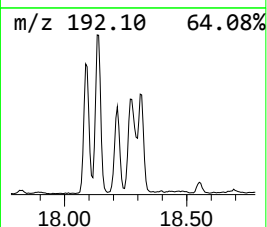
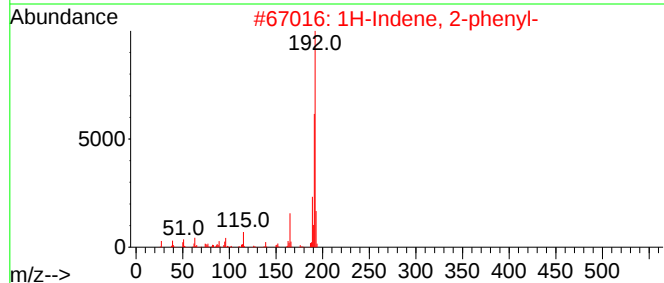
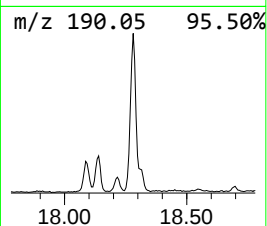
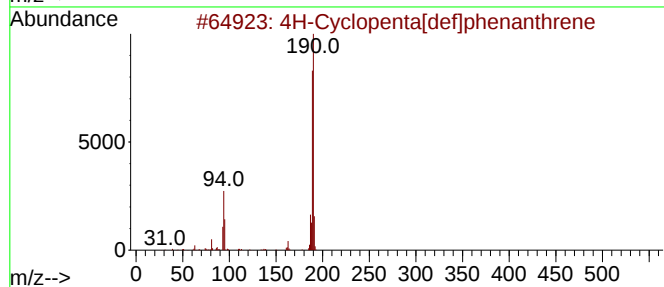
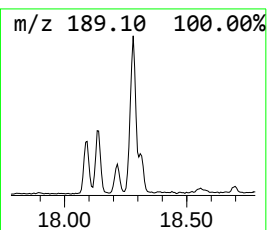
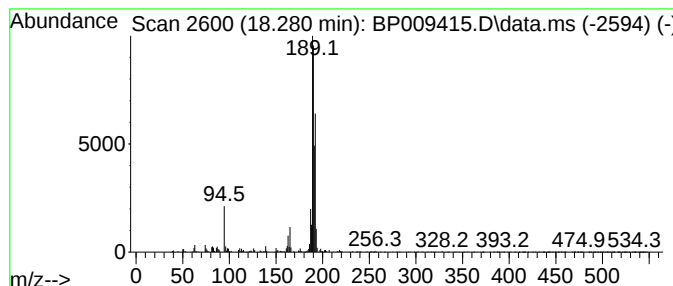
Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.280	3.11 ng	836105	Phenanthrene-d10	17.216	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22



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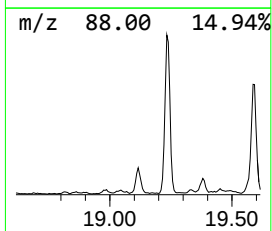
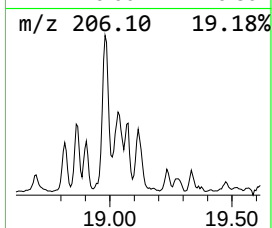
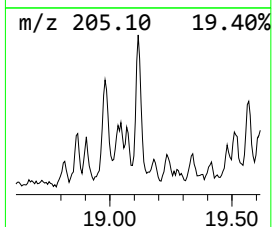
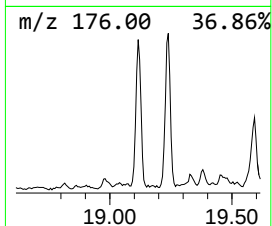
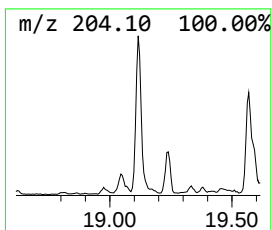
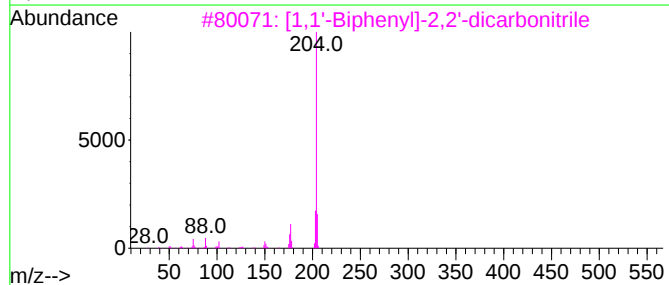
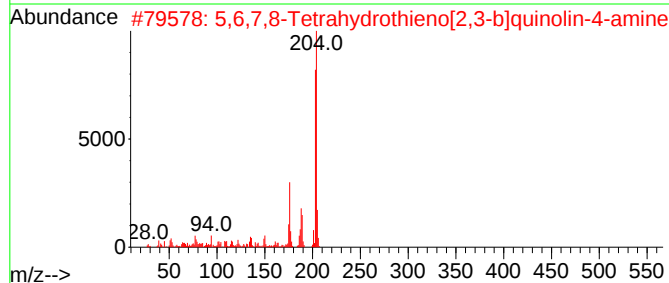
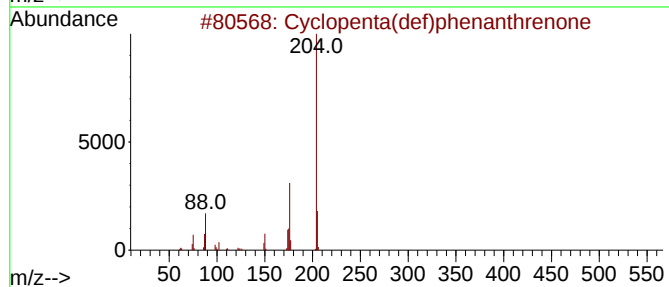
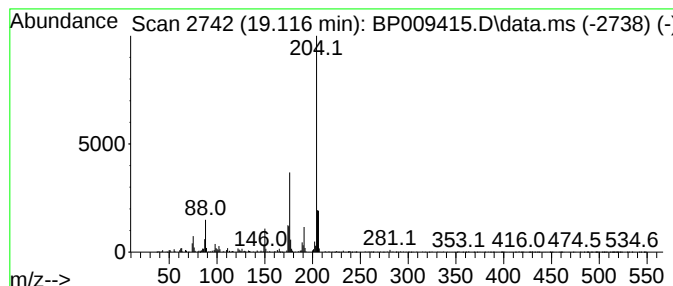
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.116	2.22 ng	596932	Phenanthrene-d10	17.216	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46



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ClientSampleId :
TP1(0-10)

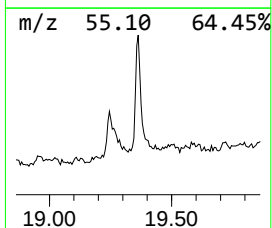
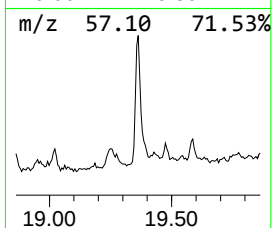
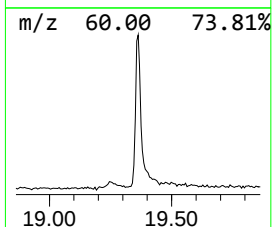
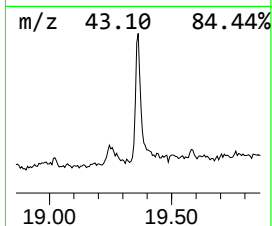
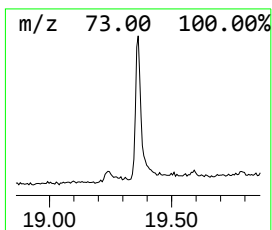
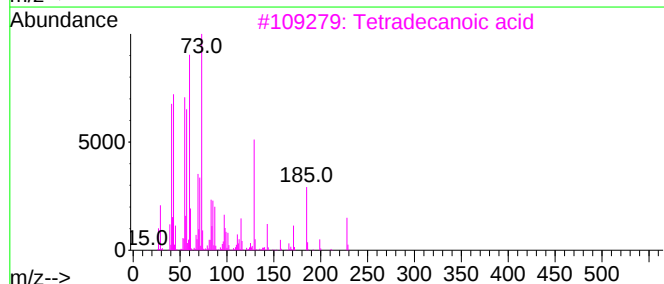
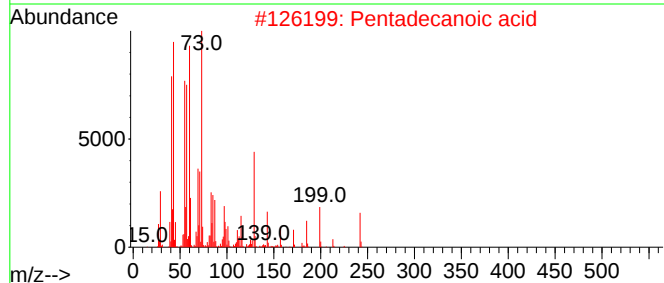
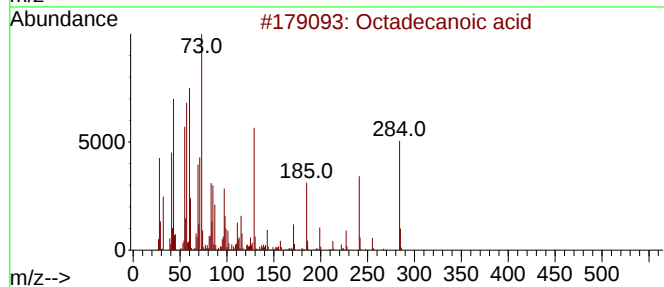
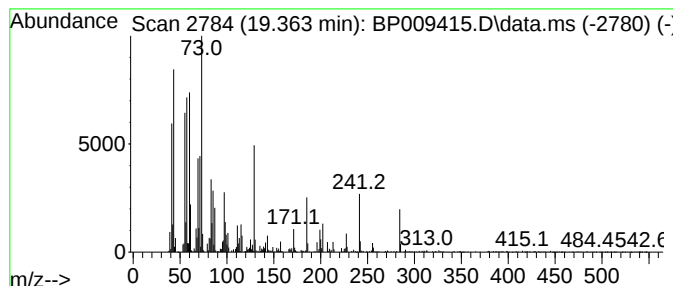
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	2.73 ng	1535630	Chrysene-d12	21.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



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TP1(0-10)

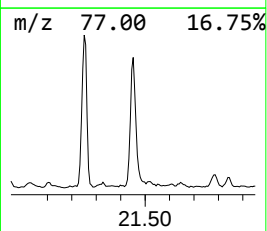
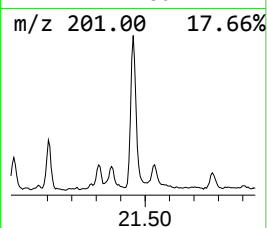
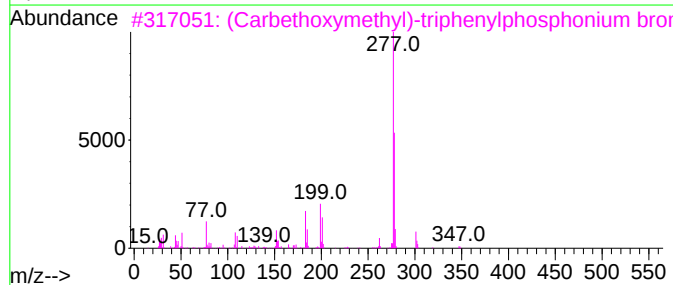
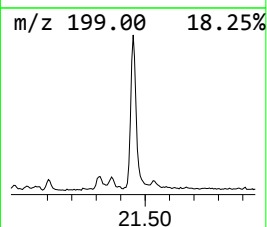
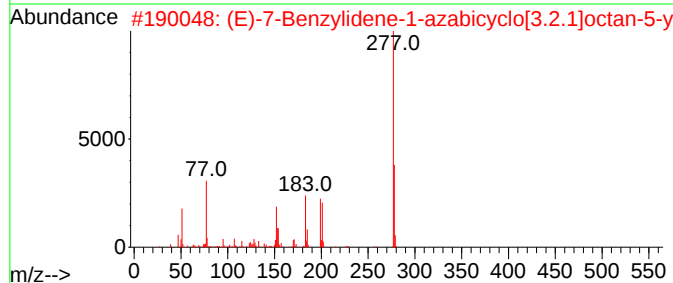
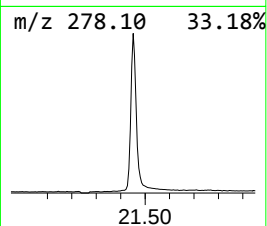
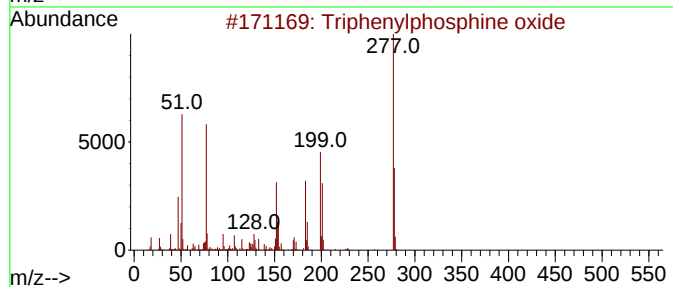
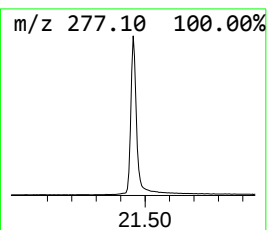
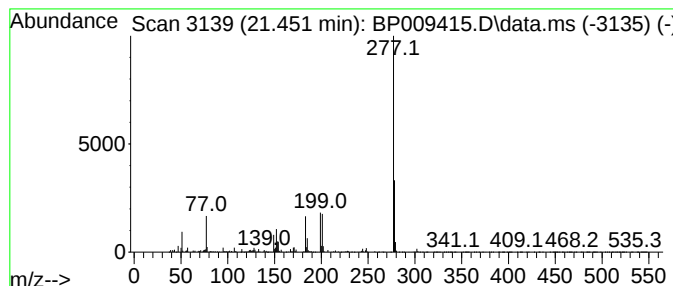
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.451	9.17 ng	5149570	Chrysene-d12	21.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	91
3			(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
4			3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	38
5			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009415.D
Acq On : 16 Mar 2022 00:42
Operator : CG/JU
Sample : N1894-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

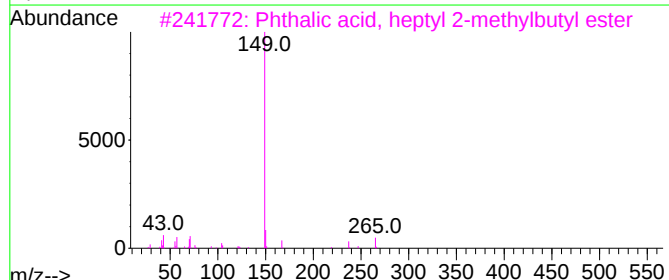
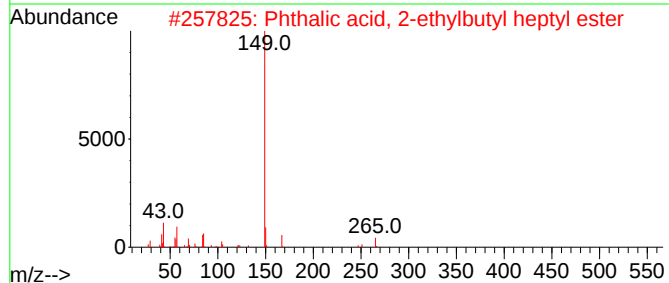
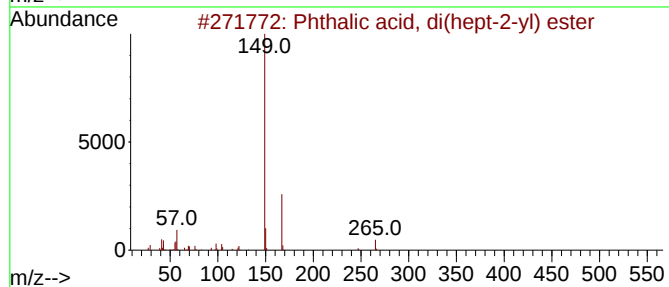
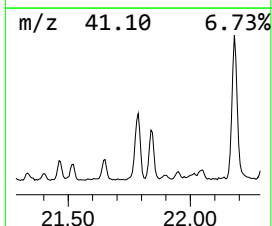
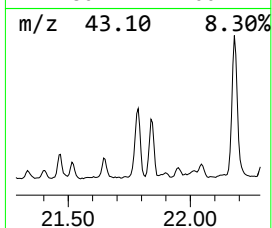
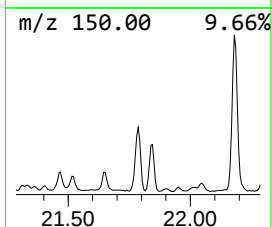
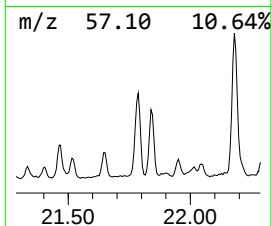
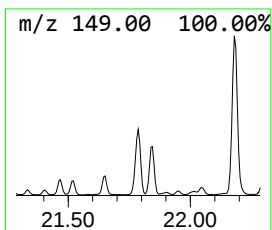
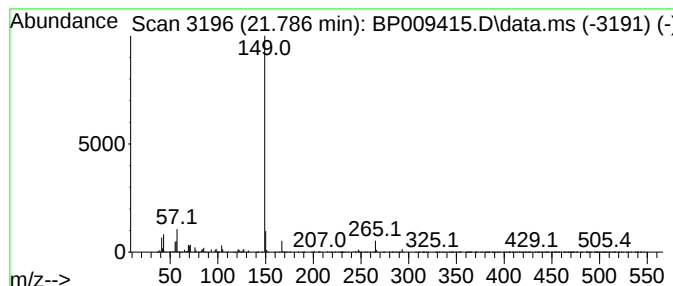
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phthalic acid, di(hept-2-yl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.786	7.50 ng	4214980	Chrysene-d12	21.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	87
2			Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	86
3			Phthalic acid, heptyl 2-methylbu...	334	C20H30O4	1010322-81-5	86
4			Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	86
5			1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009415.D
Acq On : 16 Mar 2022 00:42
Operator : CG/JU
Sample : N1894-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

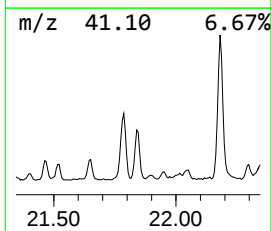
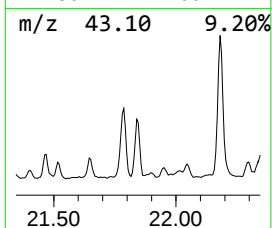
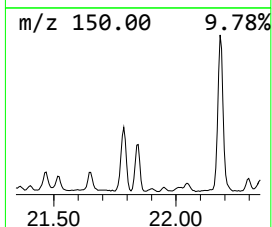
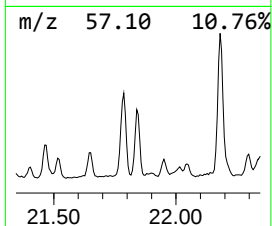
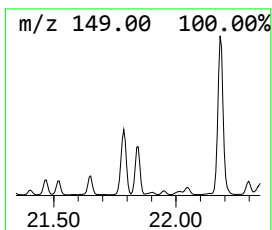
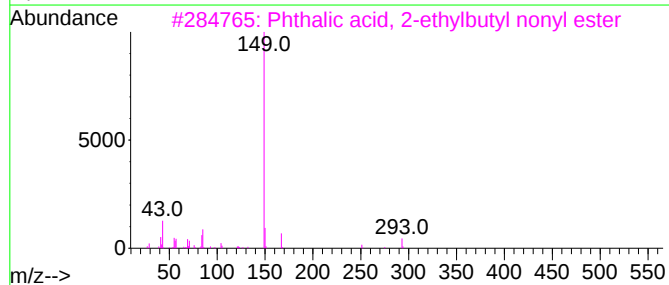
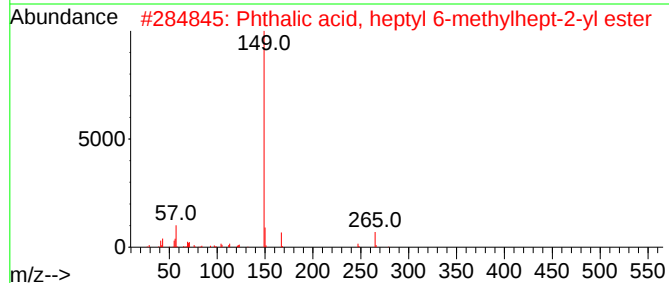
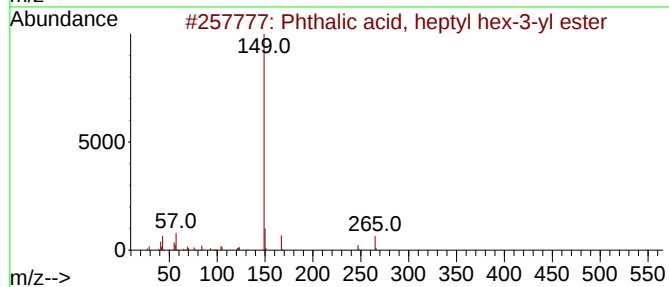
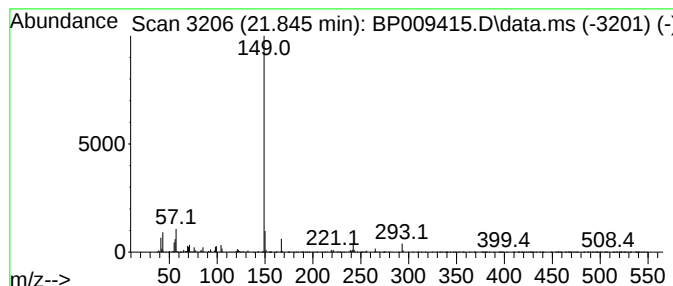
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phthalic acid, heptyl hex-3... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.845	5.64 ng	3167360	Chrysene-d12	21.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, heptyl hex-3-yl e...	348	C21H32O4	1000356-95-8	80
2			Phthalic acid, heptyl 6-methylhe...	376	C23H36O4	1000377-96-1	80
3			Phthalic acid, 2-ethylbutyl nony...	376	C23H36O4	1000356-89-4	80
4			Phthalic acid, heptyl hept-2-yl ...	362	C22H34O4	1000356-97-4	80
5			Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009415.D
Acq On : 16 Mar 2022 00:42
Operator : CG/JU
Sample : N1894-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

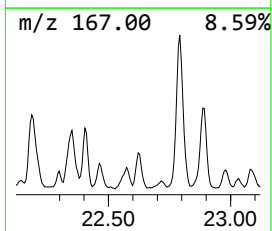
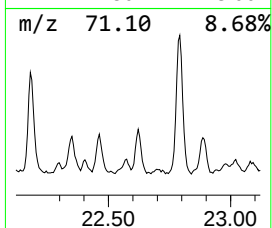
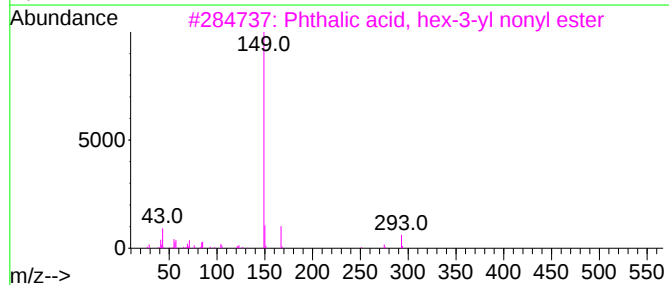
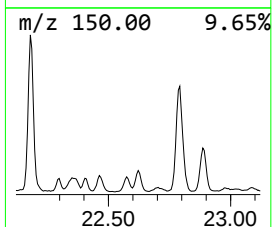
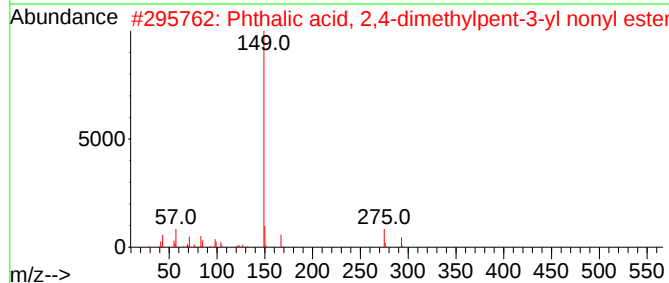
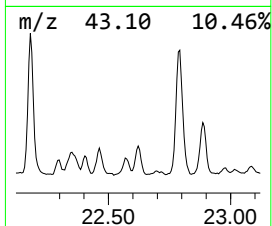
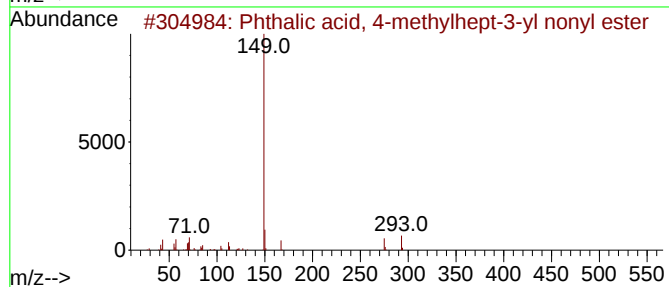
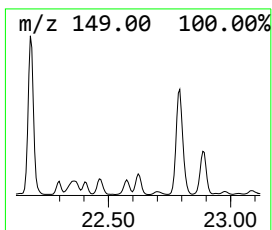
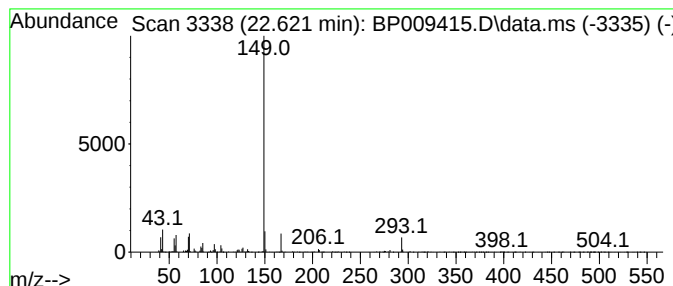
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phthalic acid, 4-methylhept... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.621	4.61 ng	1526450	Perylene-d12	23.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, 4-methylhept-3-yl...	404	C25H40O4	1000377-94-4	86
2			Phthalic acid, 2,4-dimethylpent...	390	C24H38O4	1000356-84-8	86
3			Phthalic acid, hex-3-yl nonyl ester	376	C23H36O4	1000356-96-0	86
4			Phthalic acid, 4-methylhept-3-yl...	488	C31H52O4	1000377-95-0	80
5			Phthalic acid, 2-methylpent-3-yl...	376	C23H36O4	1000356-91-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009415.D
Acq On : 16 Mar 2022 00:42
Operator : CG/JU
Sample : N1894-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

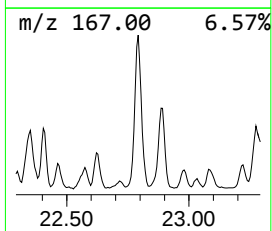
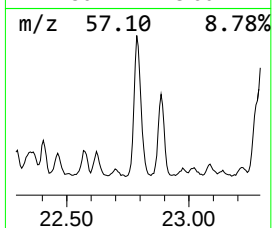
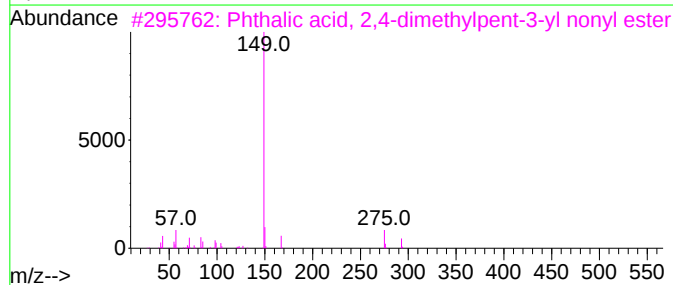
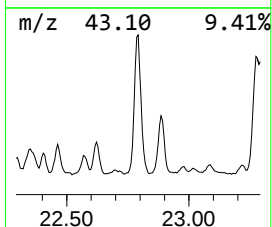
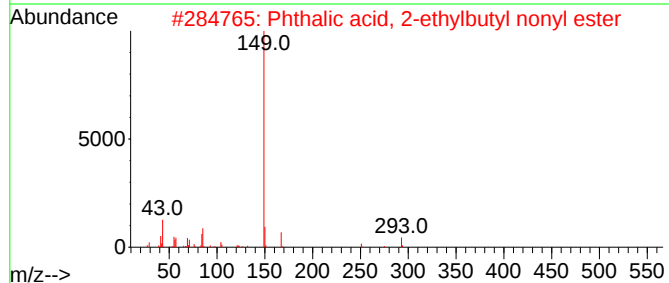
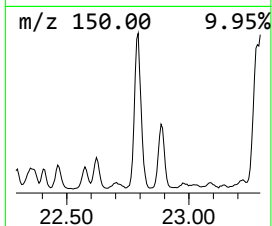
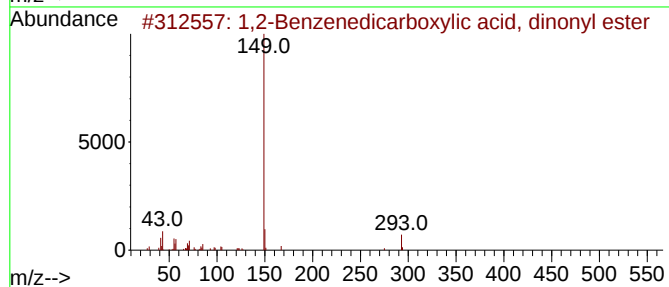
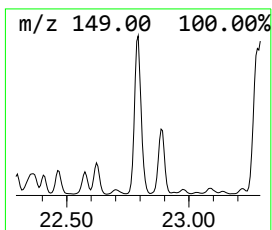
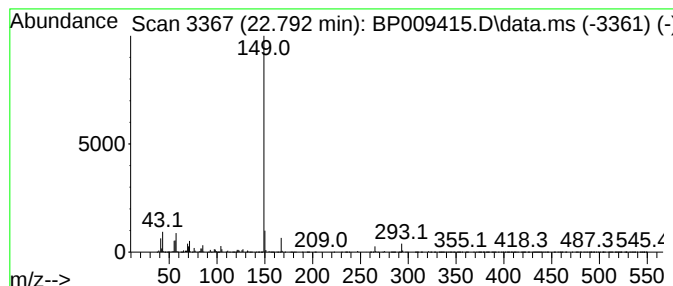
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,2-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.792	26.72 ng	8843830	Perylene-d12	23.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	87
2			Phthalic acid, 2-ethylbutyl nony...	376	C23H36O4	1000356-89-4	86
3			Phthalic acid, 2,4-dimethylpent-...	390	C24H38O4	1000356-84-8	86
4			Phthalic acid, decyl nonyl ester	432	C27H44O4	1000308-89-8	86
5			Phthalic acid, hept-3-yl octyl e...	376	C23H36O4	1000356-99-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009415.D
Acq On : 16 Mar 2022 00:42
Operator : CG/JU
Sample : N1894-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

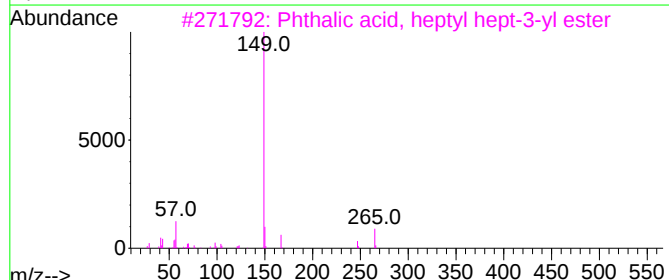
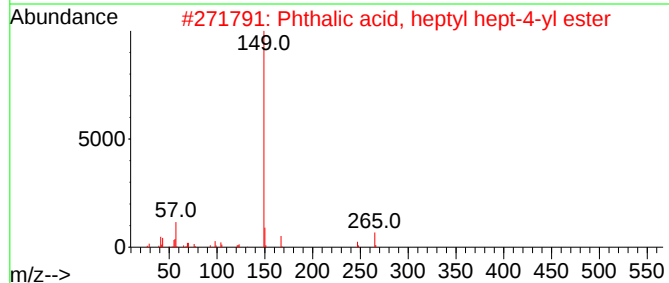
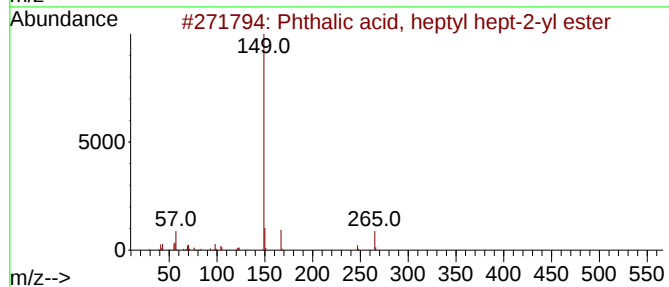
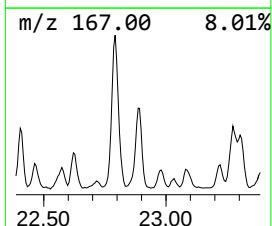
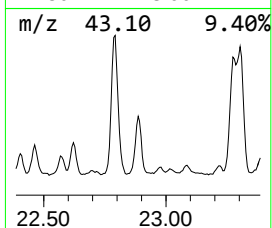
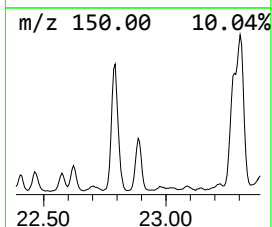
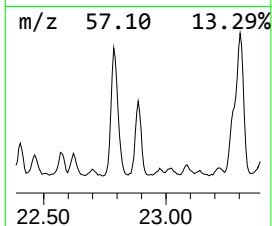
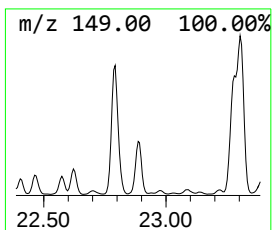
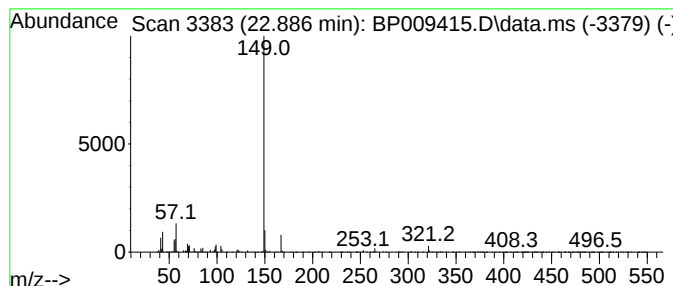
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phthalic acid, heptyl hept-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.886	10.61 ng	3511790	Perylene-d12	23.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, heptyl hept-2-yl ...	362	C22H34O4	1000356-97-4	83
2			Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	80
3			Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	80
4			Phthalic acid, heptyl 6-methylhe...	376	C23H36O4	1000377-96-1	80
5			Phthalic acid, hept-2-yl octyl e...	376	C23H36O4	1000356-97-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009415.D
Acq On : 16 Mar 2022 00:42
Operator : CG/JU
Sample : N1894-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

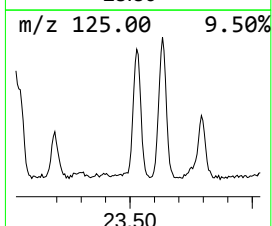
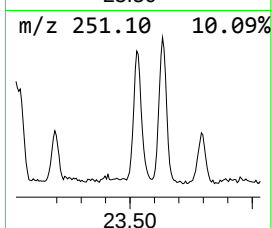
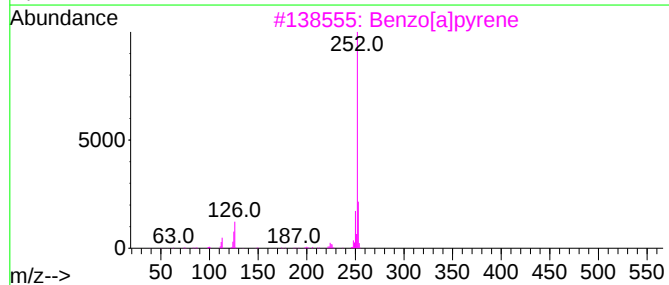
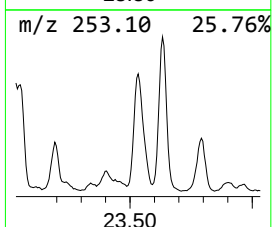
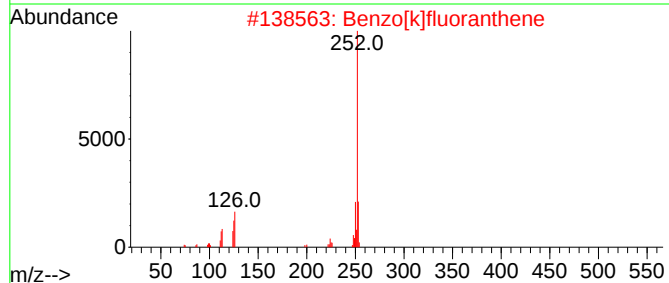
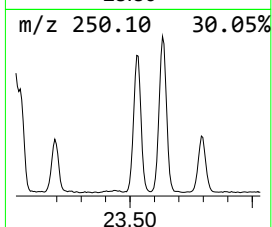
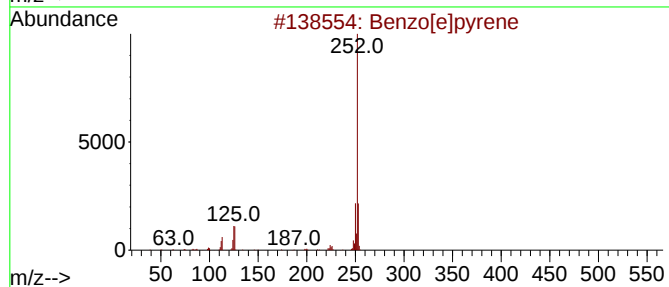
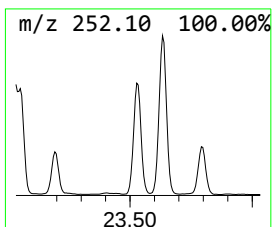
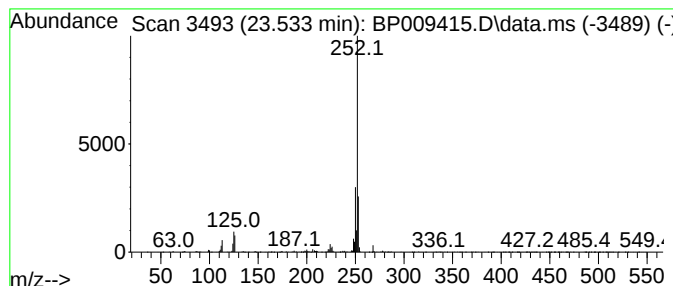
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.533	8.96 ng	2964670	Perylene-d12	23.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009415.D
Acq On : 16 Mar 2022 00:42
Operator : CG/JU
Sample : N1894-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP1(0-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.128	8.8	ng	2376070	4	17.216	5380470	20.0
4H-Cyclopenta[d]...	18.280	3.1	ng	836105	4	17.216	5380470	20.0
Cyclopenta(def)...	19.116	2.2	ng	596932	4	17.216	5380470	20.0
Octadecanoic acid	19.363	2.7	ng	1535630	5	21.327	11234600	20.0
Triphenylphosph...	21.451	9.2	ng	5149570	5	21.327	11234600	20.0
Phthalic acid, ...	21.786	7.5	ng	4214980	5	21.327	11234600	20.0
Phthalic acid, ...	21.845	5.6	ng	3167360	5	21.327	11234600	20.0
Phthalic acid, ...	22.621	4.6	ng	1526450	6	23.745	6620710	20.0
1,2-Benzenedica...	22.792	26.7	ng	8843830	6	23.745	6620710	20.0
Phthalic acid, ...	22.886	10.6	ng	3511790	6	23.745	6620710	20.0
Benzo[e]pyrene	23.533	9.0	ng	2964670	6	23.745	6620710	20.0