

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
 Data File : BP008370.D
 Acq On : 11 Dec 2021 16:11
 Operator : CG/JU
 Sample : M5018-29
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP5

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-BP112521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	317	322	333	rVB	297560	410561	8.54%	1.524%
2	5.352	395	402	420	rBV	1375126	2113990	44.00%	7.849%
3	6.946	666	673	696	rBV	1301842	2271245	47.27%	8.433%
4	7.752	803	810	816	rBV	226936	356913	7.43%	1.325%
5	8.916	1000	1008	1028	rBV	819340	1463783	30.46%	5.435%
6	10.551	1278	1286	1297	rBV	244628	451355	9.39%	1.676%
7	13.022	1699	1706	1724	rBV	1880902	2908510	60.53%	10.799%
8	14.410	1935	1942	1951	rBV	388163	605231	12.60%	2.247%
9	15.910	2189	2197	2216	rBV	1602124	2462710	51.25%	9.144%
10	17.169	2405	2411	2416	rBV	494091	756790	15.75%	2.810%
11	17.216	2416	2419	2426	rVB	60593	93075	1.94%	0.346%
12	18.075	2558	2565	2573	rBV2	224073	342381	7.13%	1.271%
13	19.192	2750	2755	2763	rBV	237501	331783	6.90%	1.232%
14	19.310	2772	2775	2785	rBV2	63866	88149	1.83%	0.327%
15	19.545	2807	2815	2824	rBV	214613	390920	8.14%	1.451%
16	19.622	2824	2828	2833	rVV2	52432	78539	1.63%	0.292%
17	19.745	2843	2849	2854	rBV	4009732	4805061	100.00%	17.841%
18	20.027	2895	2897	2905	rVB2	70295	113160	2.36%	0.420%
19	20.186	2921	2924	2928	rVB	80918	99092	2.06%	0.368%
20	20.322	2944	2947	2952	rBV	88670	120556	2.51%	0.448%
21	20.369	2952	2955	2958	rVV	83347	106473	2.22%	0.395%
22	20.404	2958	2961	2969	rVB	93371	132540	2.76%	0.492%
23	20.769	3019	3023	3028	rVB	123378	165453	3.44%	0.614%
24	20.857	3034	3038	3042	rVB	156895	196973	4.10%	0.731%
25	20.904	3042	3046	3049	rBV	196663	271634	5.65%	1.009%
26	20.939	3049	3052	3057	rVV4	150848	214655	4.47%	0.797%
27	20.992	3057	3061	3071	rVV3	517258	989674	20.60%	3.675%
28	21.069	3071	3074	3078	rVB	109753	148511	3.09%	0.551%
29	21.274	3103	3109	3113	rBV2	803172	1339021	27.87%	4.972%
30	21.316	3113	3116	3119	rVB	206630	242249	5.04%	0.899%
31	21.386	3125	3128	3133	rBV2	225882	313357	6.52%	1.163%
32	21.827	3200	3203	3204	rBV2	124560	132904	2.77%	0.493%
33	21.910	3213	3217	3222	rVB2	172845	268387	5.59%	0.997%
34	22.386	3294	3298	3302	rBV2	171235	346111	7.20%	1.285%
35	22.480	3311	3314	3318	rBV	141827	207994	4.33%	0.772%
36	22.933	3387	3391	3396	rBV2	184153	291753	6.07%	1.083%

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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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	23.551	3492	3496	3506	rVB2	234196	449863	9.36%	1.670%
38	23.657	3508	3514	3520	rVV2	433279	851125	17.71%	3.160%

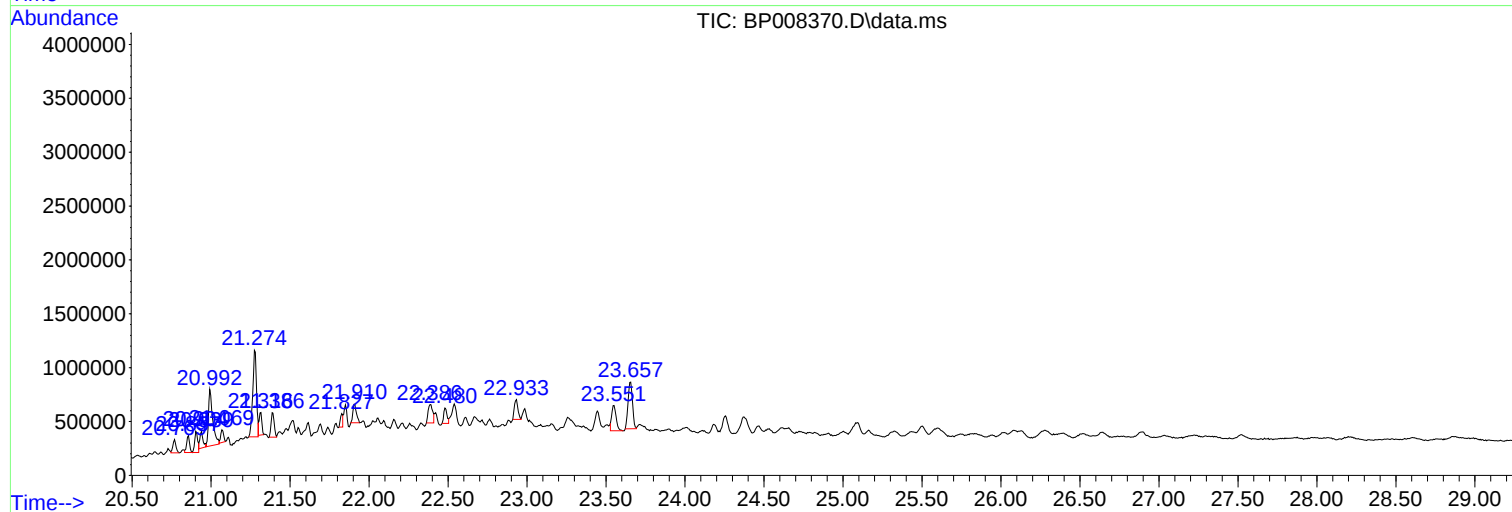
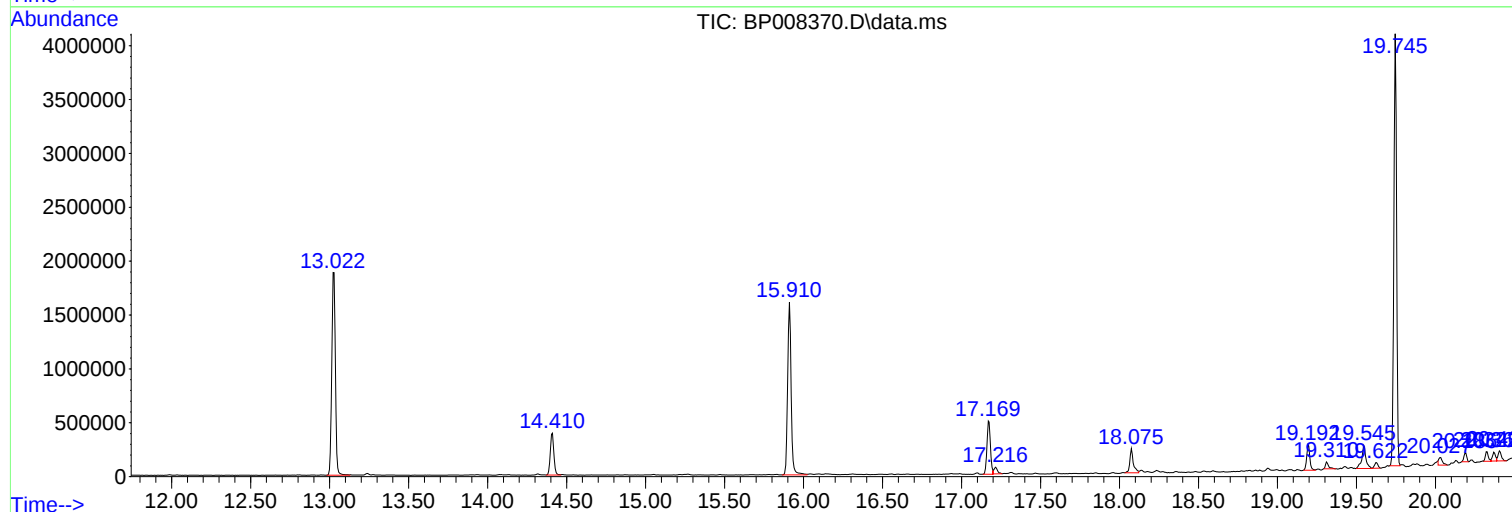
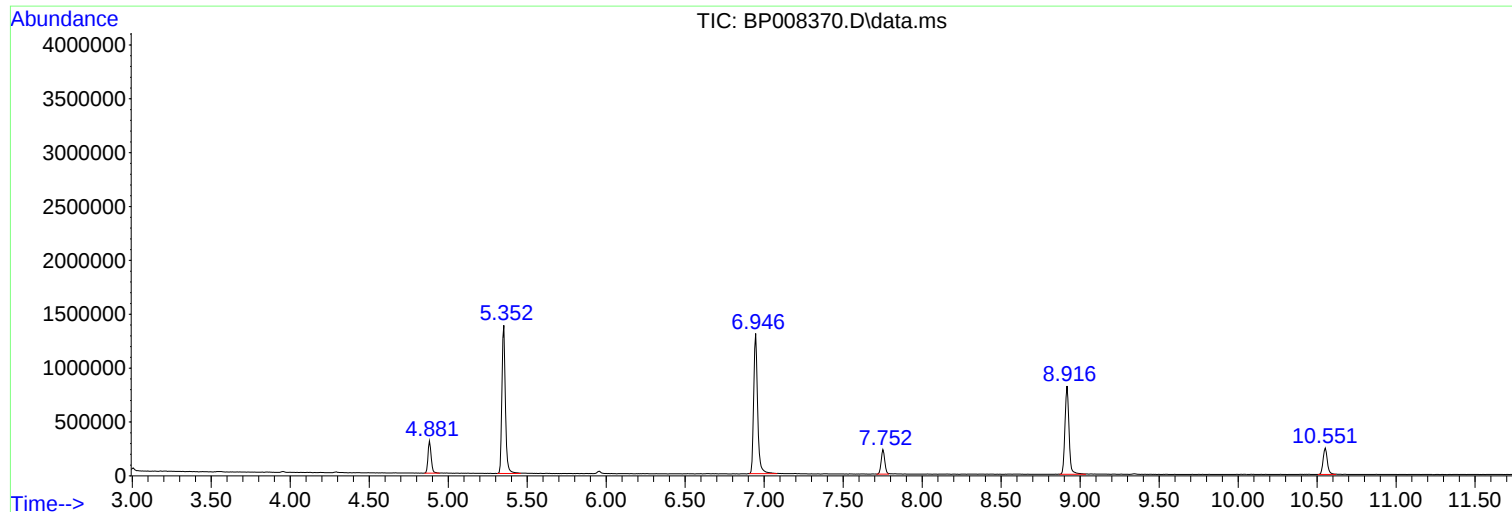
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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BNA_P
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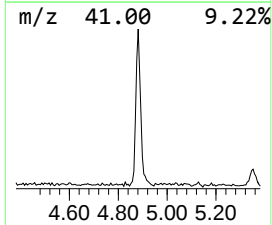
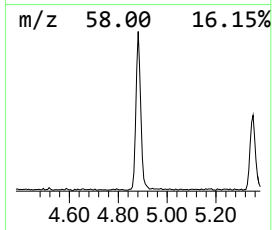
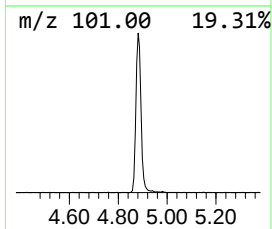
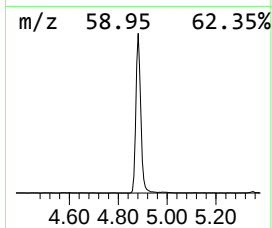
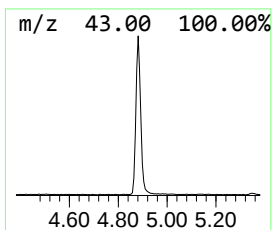
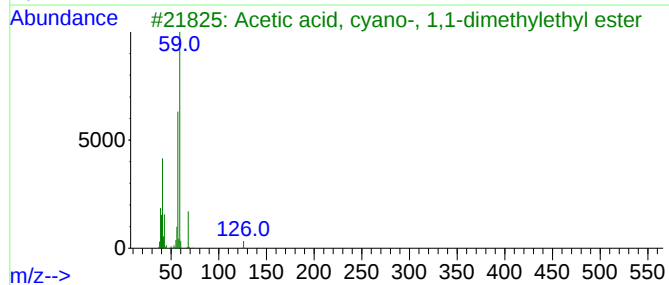
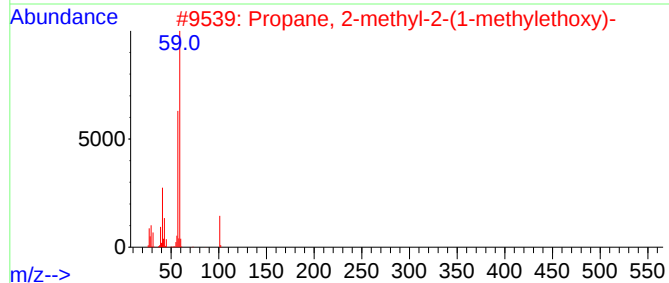
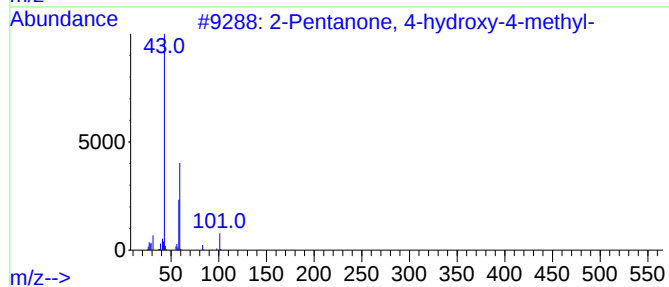
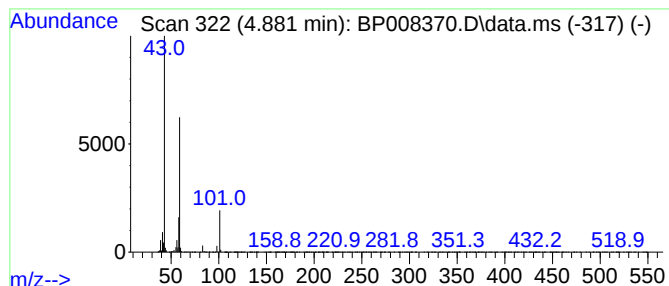
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	23.01 ng	410561	1,4-Dichlorobenzene-d4	7.752

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28	
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23	
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	



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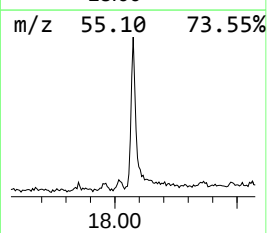
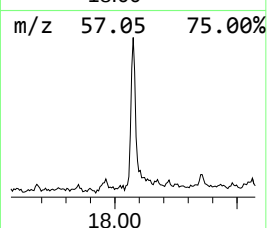
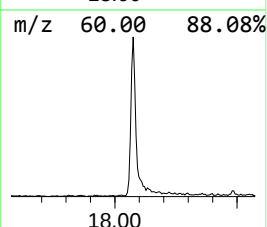
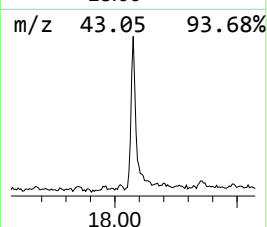
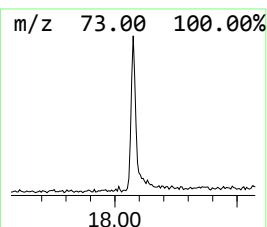
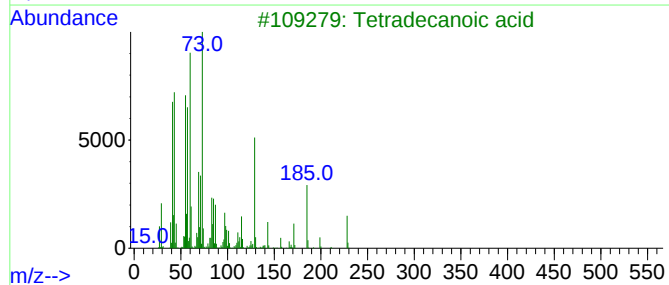
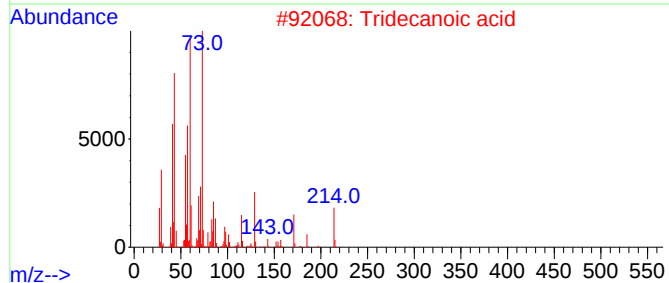
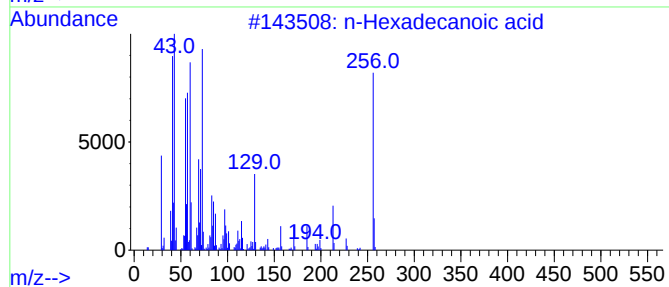
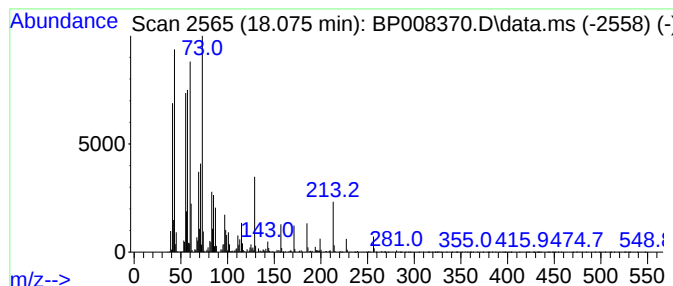
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	9.05 ng	342381	Phenanthrene-d10	17.169

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	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Dodecanoic acid	200	C12H24O2	000143-07-7	68



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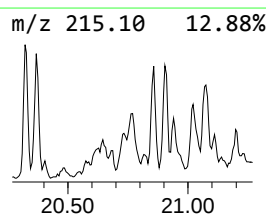
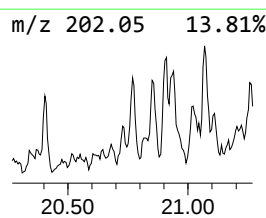
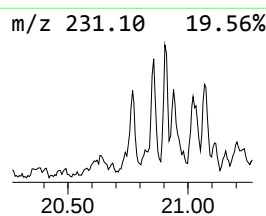
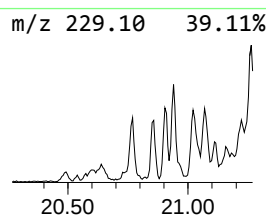
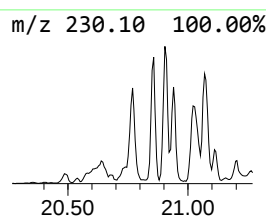
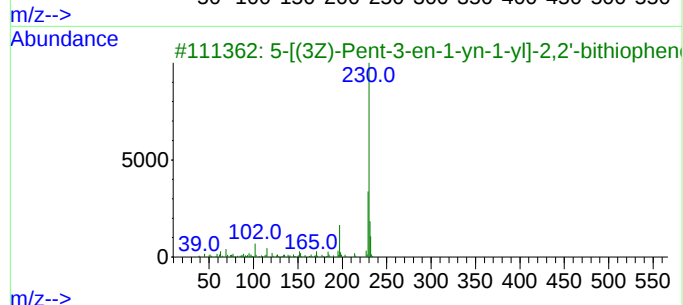
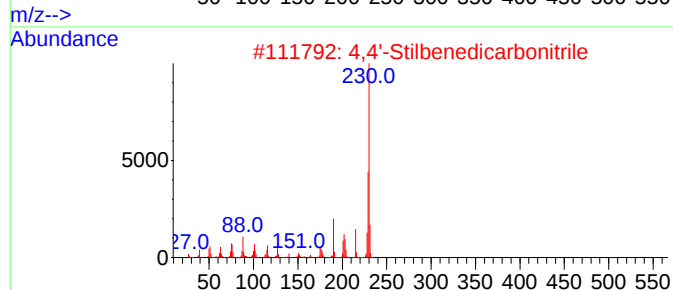
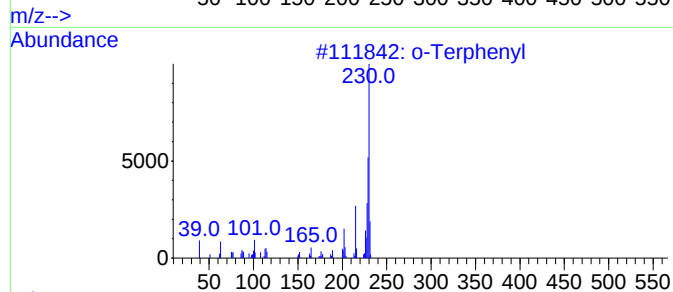
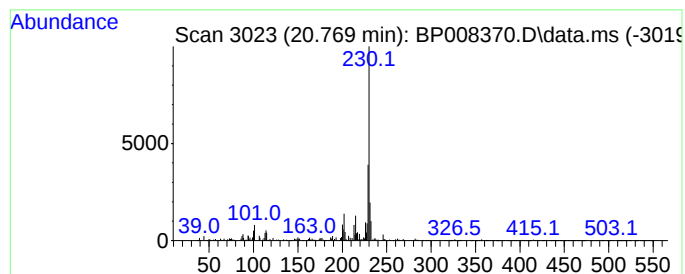
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4,4'-Stilbenedicarbonitrile Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.769	2.47 ng	165453	Chrysene-d12	21.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Terphenyl	230	C18H14	000084-15-1	87
2			4,4'-Stilbenedicarbonitrile	230	C16H10N2	006292-62-2	72
3			5-[(3Z)-Pent-3-en-1-yn-1-yl]-2,2...	230	C13H10S2	1000415-02-3	72
4			1H-isoindole, 1-(1H-isoindol-1-y...	230	C16H10N2	1000396-37-4	64
5			Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	64



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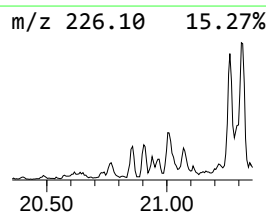
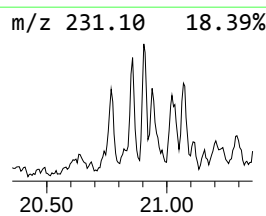
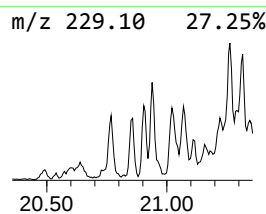
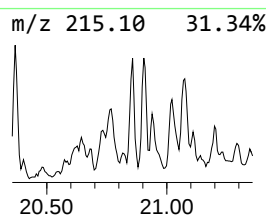
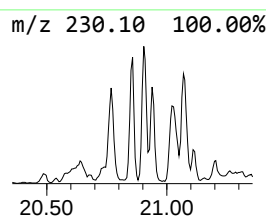
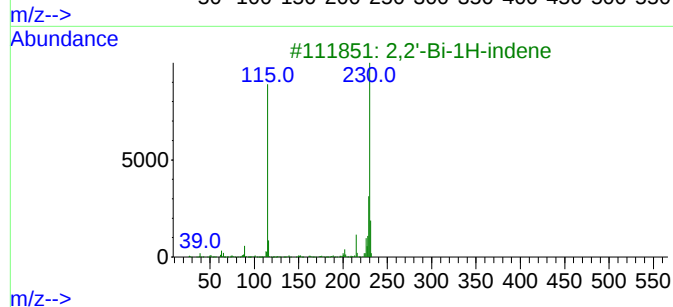
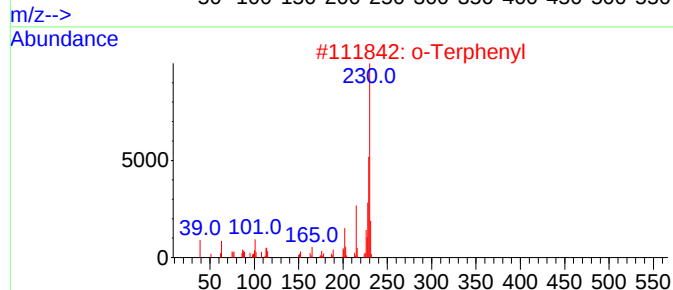
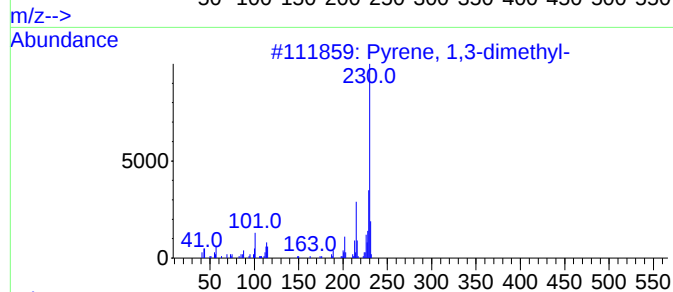
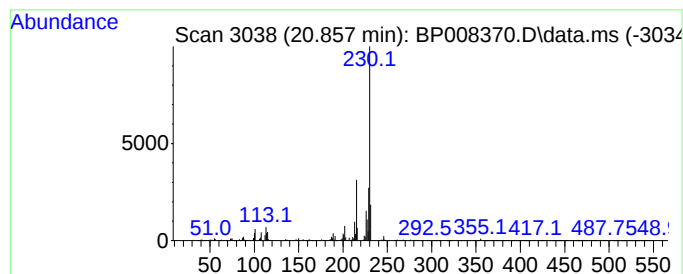
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Pyrene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.857	2.94 ng	196973	Chrysene-d12	21.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	96
2			o-Terphenyl	230	C18H14	000084-15-1	70
3			2,2'-Bi-1H-indene	230	C18H14	000787-61-1	64
4			m-Terphenyl	230	C18H14	000092-06-8	62
5			Naphthalene, 2-styryl-	230	C18H14	002039-70-5	62



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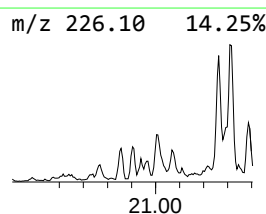
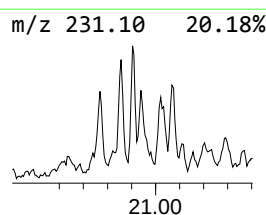
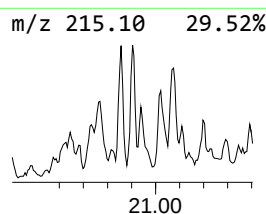
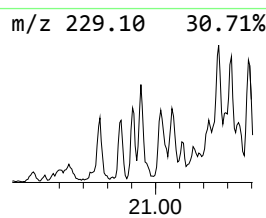
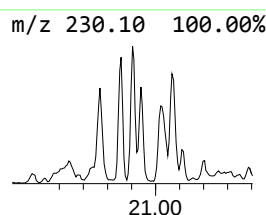
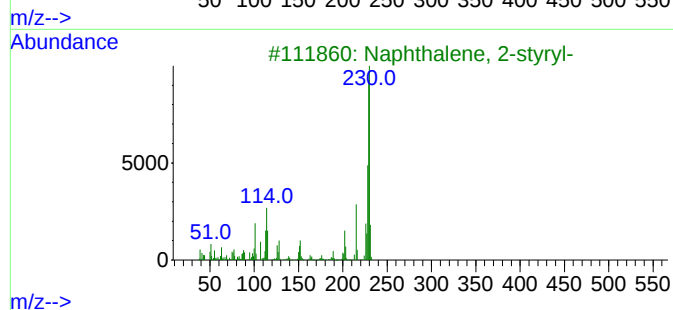
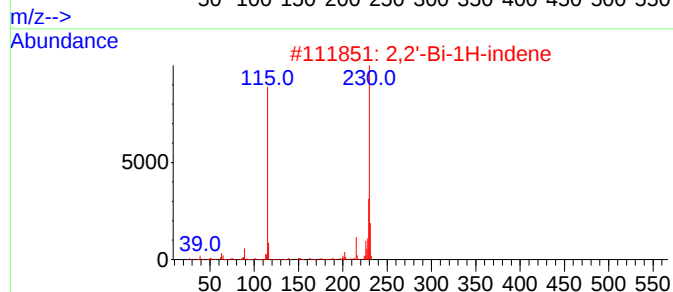
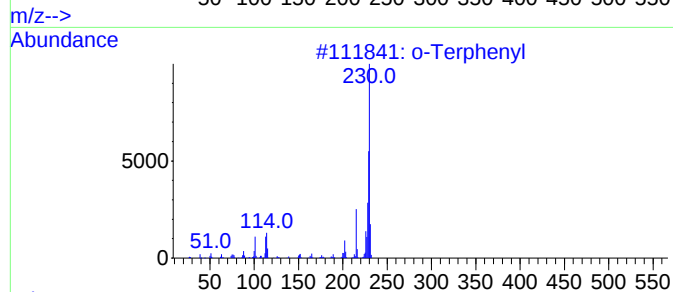
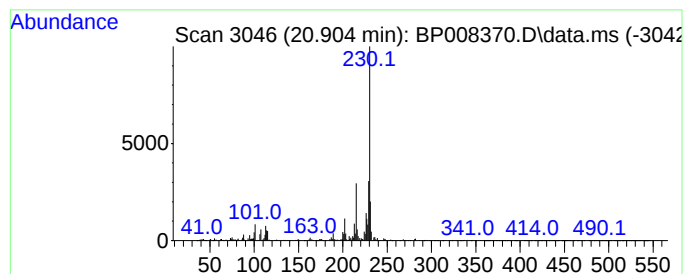
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 o-Terphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.904	4.06 ng	271634	Chrysene-d12	21.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Terphenyl	230	C18H14	000084-15-1	89
2			2,2'-Bi-1H-indene	230	C18H14	000787-61-1	83
3			Naphthalene, 2-styryl-	230	C18H14	002039-70-5	76
4			Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	74
5			m-Terphenyl	230	C18H14	000092-06-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
Data File : BP008370.D
Acq On : 11 Dec 2021 16:11
Operator : CG/JU
Sample : M5018-29
Misc :
ALS Vial : 8 Sample Multiplier: 1

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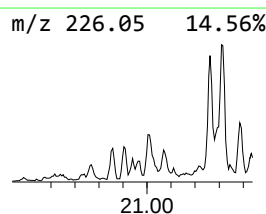
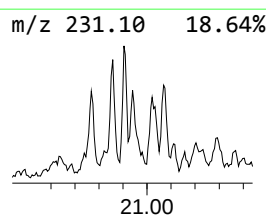
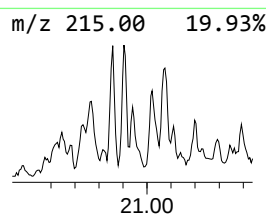
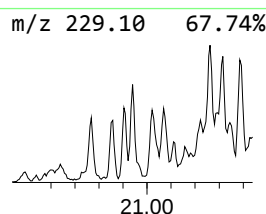
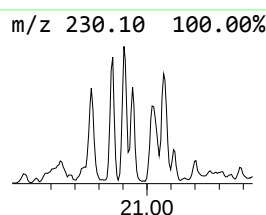
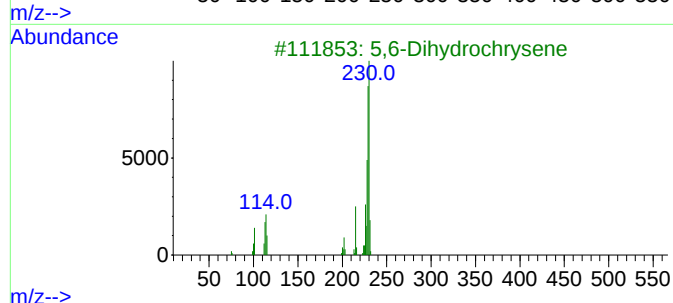
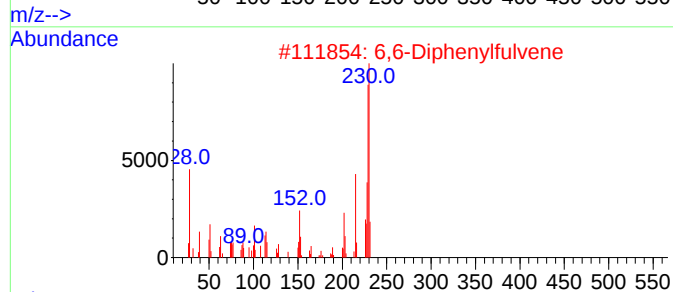
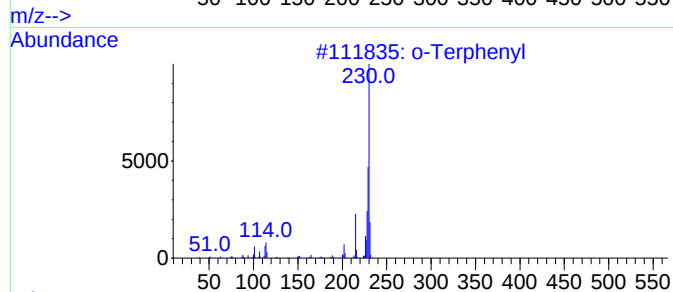
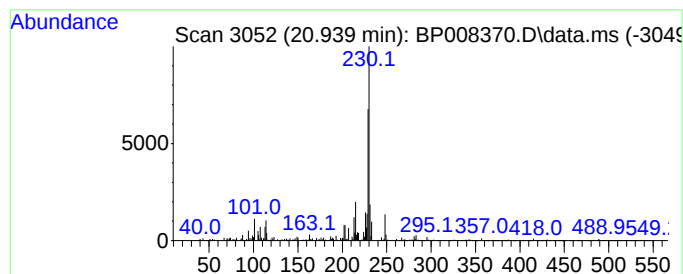
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 6,6-Diphenylfulvene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.939	3.21 ng	214655	Chrysene-d12	21.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Terphenyl	230	C18H14	000084-15-1	83
2			6,6-Diphenylfulvene	230	C18H14	002175-90-8	68
3			5,6-Dihydrochrysene	230	C18H14	002091-92-1	64
4			Pyrene, 1,9-dimethyl-	230	C18H14	074298-70-7	60
5			benzonitrile, 2-(3-isoquinoliny)-	230	C16H10N2	1000401-00-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
Data File : BP008370.D
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Misc :
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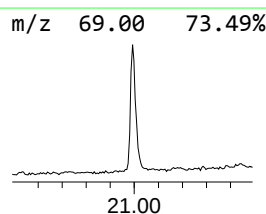
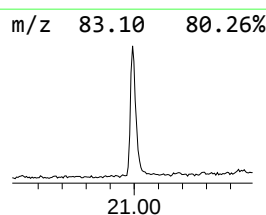
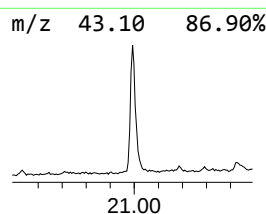
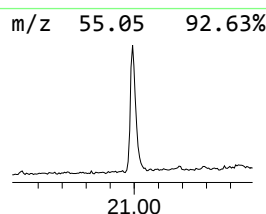
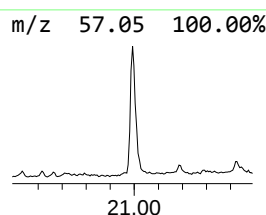
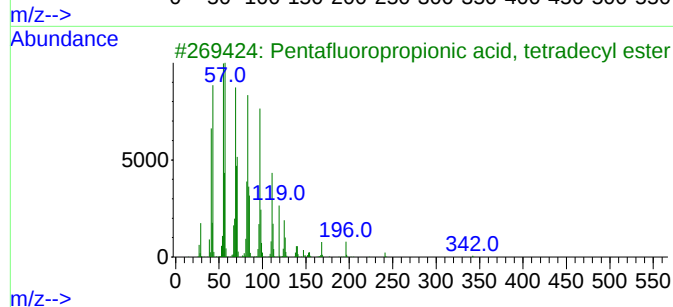
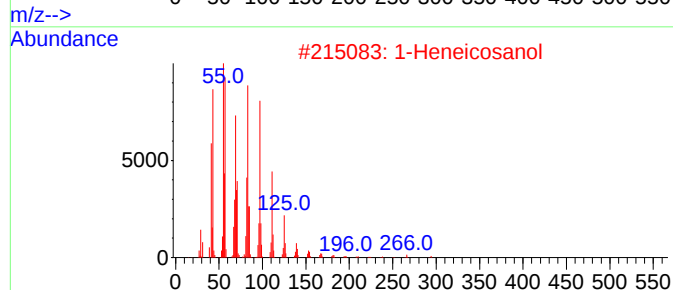
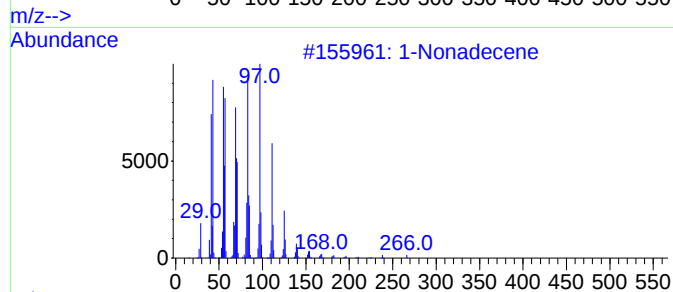
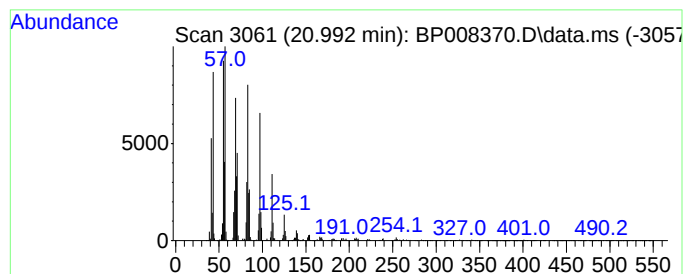
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	14.78 ng	989674	Chrysene-d12	21.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	96
2			1-Heneicosanol	312	C21H44O	015594-90-8	94
3			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
4			1-Hexacosene	364	C26H52	018835-33-1	94
5			Cyclotetracosane	336	C24H48	000297-03-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
Data File : BP008370.D
Acq On : 11 Dec 2021 16:11
Operator : CG/JU
Sample : M5018-29
Misc :
ALS Vial : 8 Sample Multiplier: 1

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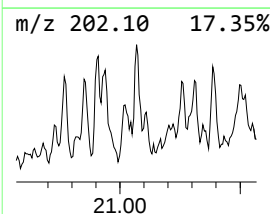
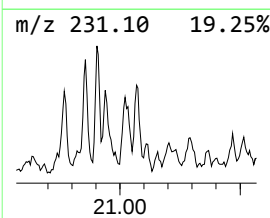
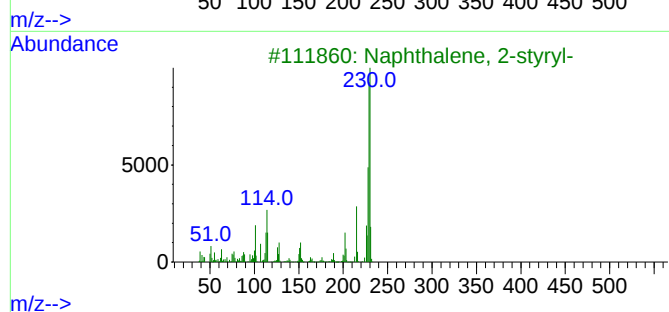
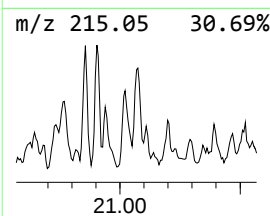
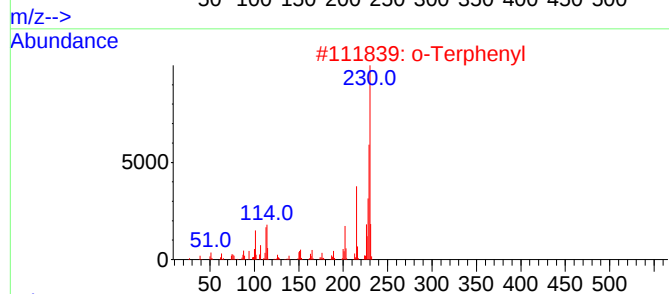
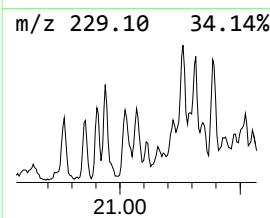
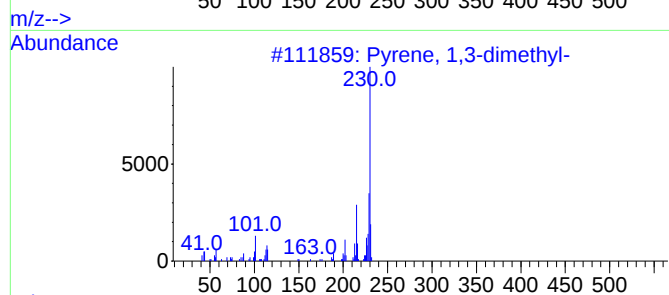
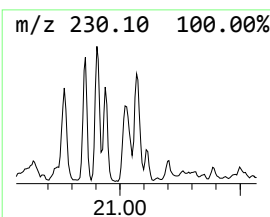
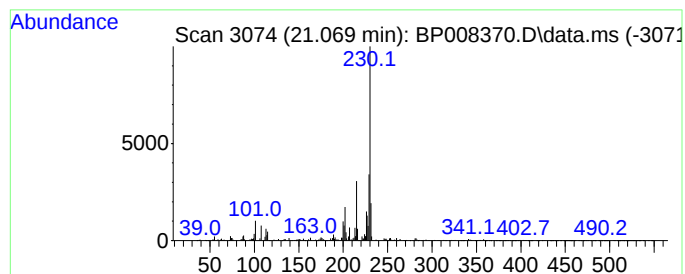
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-styryl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.069	2.22 ng	148511	Chrysene-d12	21.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	90
2			o-Terphenyl	230	C18H14	000084-15-1	90
3			Naphthalene, 2-styryl-	230	C18H14	002039-70-5	81
4			6,6-Diphenylfulvene	230	C18H14	002175-90-8	81
5			2,2'-Bi-1H-indene	230	C18H14	000787-61-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
Data File : BP008370.D
Acq On : 11 Dec 2021 16:11
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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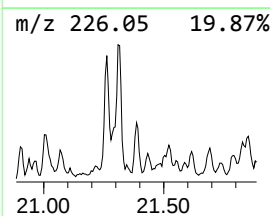
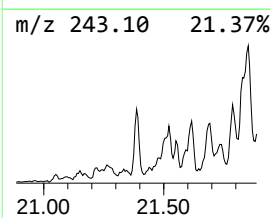
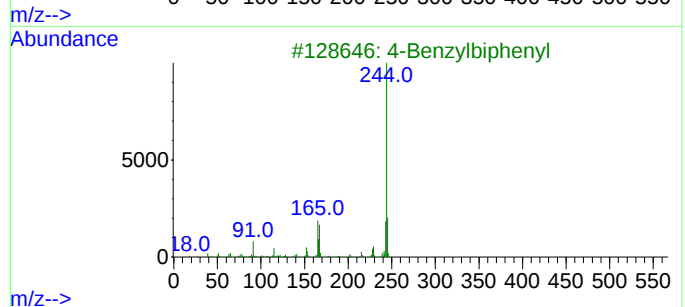
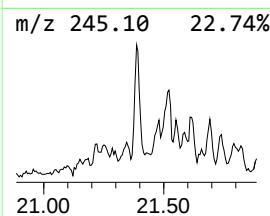
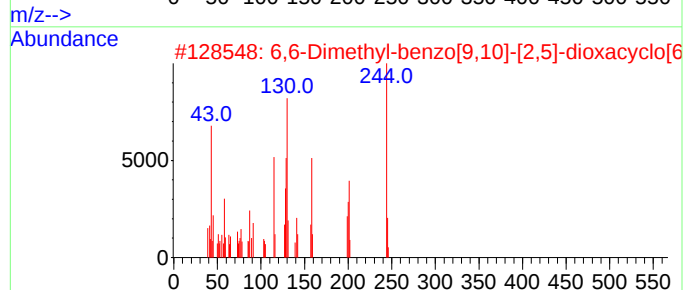
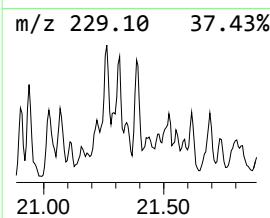
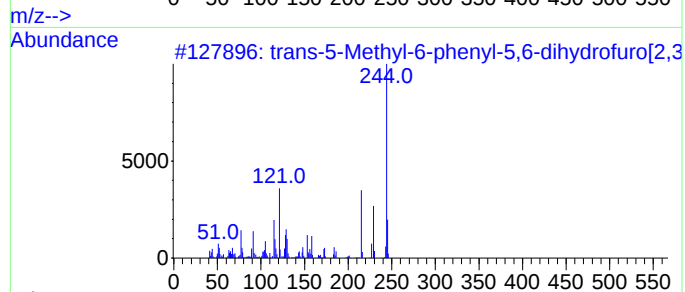
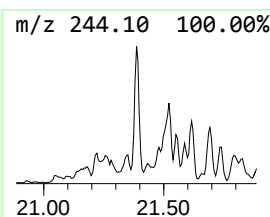
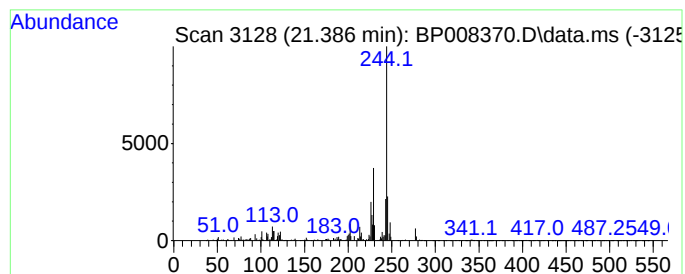
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 trans-5-Methyl-6-phenyl-5,6... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.386	4.68 ng	313357	Chrysene-d12	21.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-5-Methyl-6-phenyl-5,6-dihy...	244	C13H12N2O3	1000212-27-9	53
2			6,6-Dimethyl-benzo[9,10]-[2,5]-d...	244	C16H20O2	1000065-23-4	50
3			4-Benzylbiphenyl	244	C19H16	000613-42-3	50
4			2-N,2-N,4-N,4-N,8-Pentamethylqui...	244	C14H20N4	1392408-76-2	47
5			Pyrido[2,3-b]indole, 2-phenyl-	244	C17H12N2	064677-58-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
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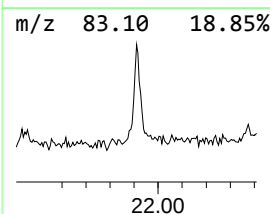
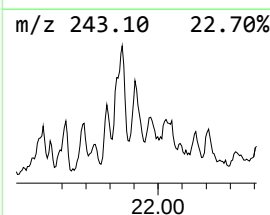
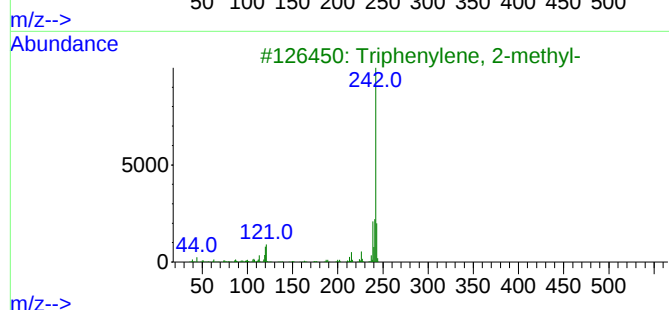
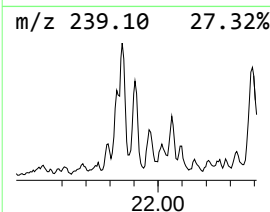
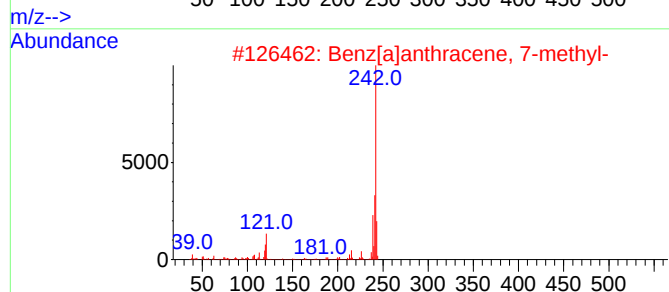
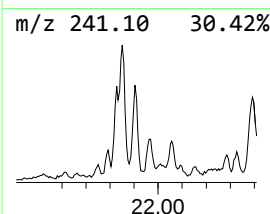
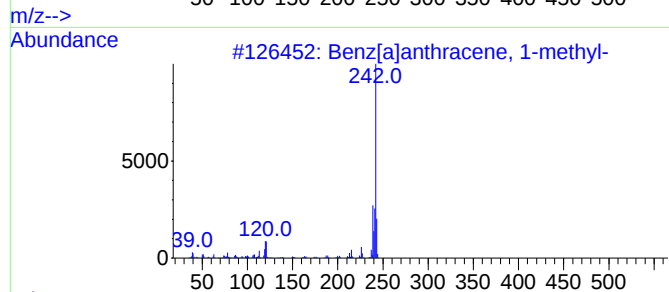
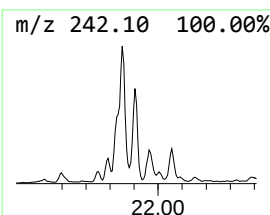
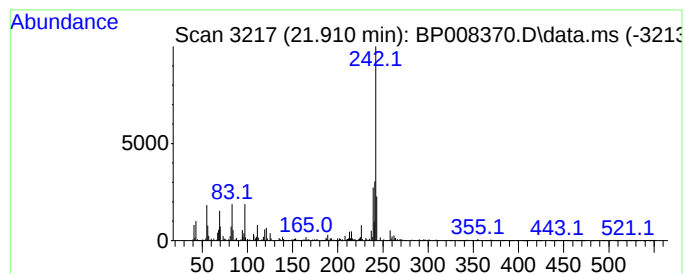
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benz[a]anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.910	4.01 ng	268387	Chrysene-d12	21.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	91
2			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
3			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
4			Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	76
5			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
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Misc :
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ClientSampleId :
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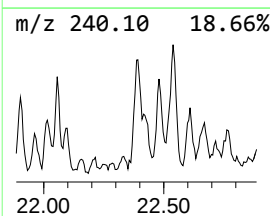
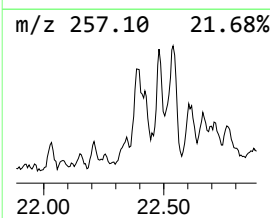
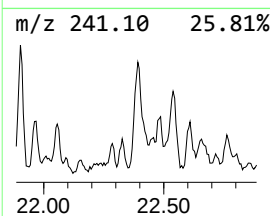
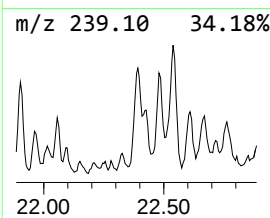
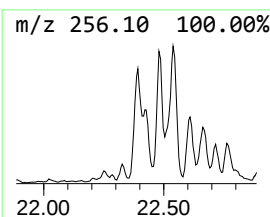
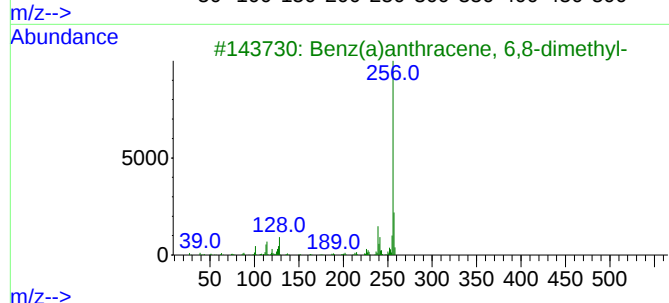
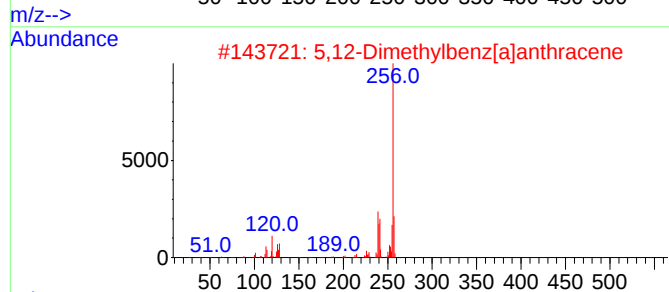
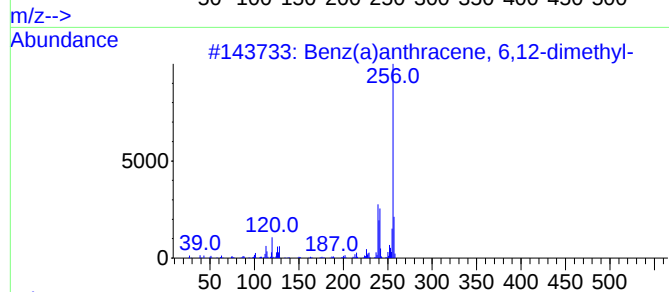
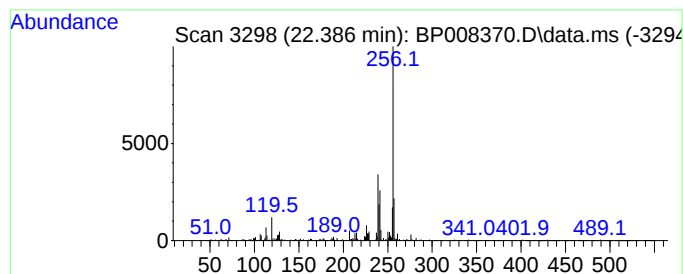
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benz(a)anthracene, 6,12-dim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.386	5.17 ng	346111	Chrysene-d12	21.280

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	94
2		5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	94
3		Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	93
4		Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	91
5		Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
Data File : BP008370.D
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Sample : M5018-29
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP5

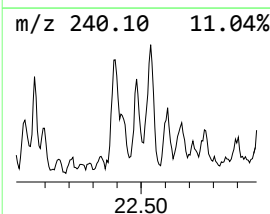
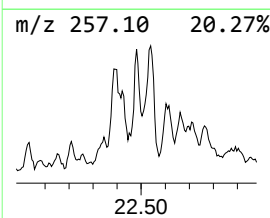
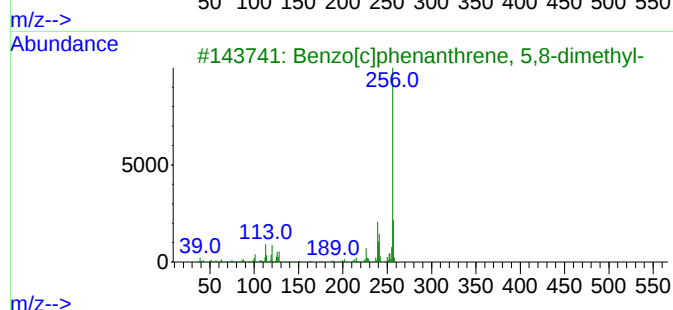
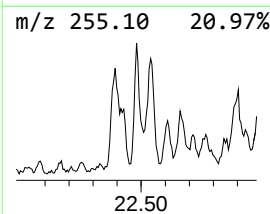
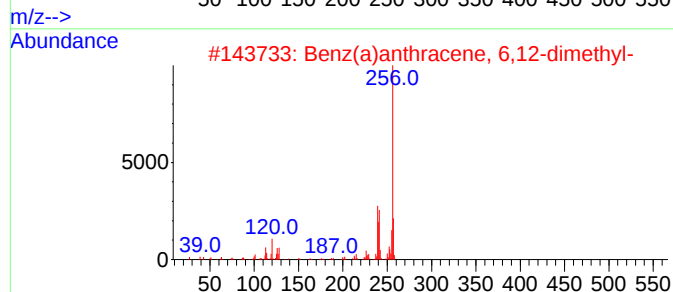
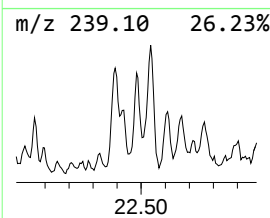
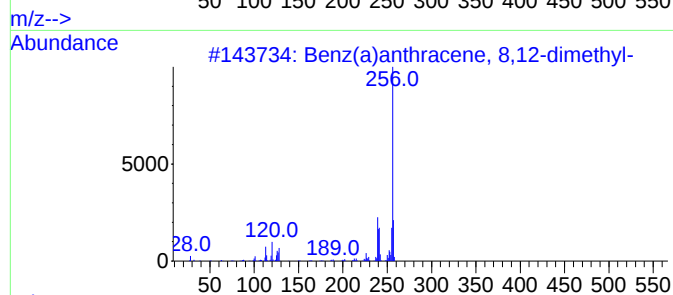
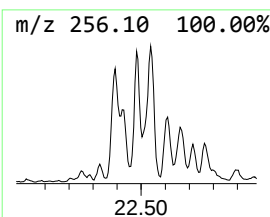
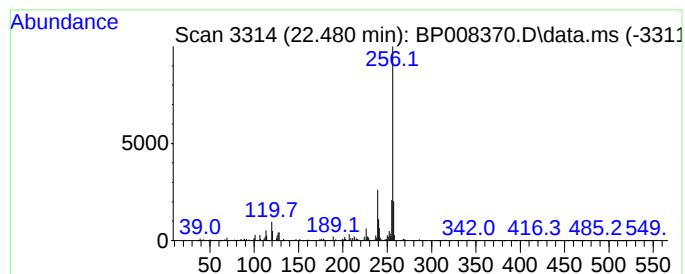
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benz(a)anthracene, 8,12-dim... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.480	4.89 ng	207994	Perylene-d12	23.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	91
2			Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	91
3			Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	91
4			7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	91
5			Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
Data File : BP008370.D
Acq On : 11 Dec 2021 16:11
Operator : CG/JU
Sample : M5018-29
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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
2-Pentanone, 4-...	4.881	23.0	ng	410561	1	7.752	356913	20.0
n-Hexadecanoic ...	18.075	9.1	ng	342381	4	17.169	756790	20.0
4,4'-Stilbenedi...	20.769	2.5	ng	165453	5	21.280	1339020	20.0
Pyrene, 1,3-dim...	20.857	2.9	ng	196973	5	21.280	1339020	20.0
o-Terphenyl	20.904	4.1	ng	271634	5	21.280	1339020	20.0
6,6-Diphenylful...	20.939	3.2	ng	214655	5	21.280	1339020	20.0
1-Nonadecene	20.992	14.8	ng	989674	5	21.280	1339020	20.0
Naphthalene, 2-...	21.069	2.2	ng	148511	5	21.280	1339020	20.0
trans-5-Methyl-...	21.386	4.7	ng	313357	5	21.280	1339020	20.0
Benz[a]anthrace...	21.910	4.0	ng	268387	5	21.280	1339020	20.0
Benz(a)anthrace...	22.386	5.2	ng	346111	5	21.280	1339020	20.0
Benz(a)anthrace...	22.480	4.9	ng	207994	6	23.657	851125	20.0