

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026084.D
 Acq On : 06 Nov 2025 19:48
 Operator : RC/JU
 Sample : Q3534-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-EB-2

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-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	394	401	410	rBV	2796871	4048681	23.01%	4.833%
2	6.849	658	665	675	rBV	1695173	2752932	15.64%	3.287%
3	7.678	798	806	824	rVB	1129024	1873663	10.65%	2.237%
4	8.819	992	1000	1009	rBV	3172683	5173099	29.40%	6.176%
5	9.008	1012	1032	1040	rBV	1231081	3532418	20.07%	4.217%
6	10.449	1270	1277	1284	rBV	1392306	2370314	13.47%	2.830%
7	12.925	1691	1698	1706	rBV	7696742	11383768	64.69%	13.590%
8	14.319	1927	1935	1941	rBV	2128399	3156599	17.94%	3.768%
9	15.019	2047	2054	2059	rBV	152879	260248	1.48%	0.311%
10	15.343	2104	2109	2121	rBV	303676	539576	3.07%	0.644%
11	15.572	2143	2148	2151	rBV	354362	488882	2.78%	0.584%
12	15.601	2151	2153	2158	rVB	207314	209866	1.19%	0.251%
13	15.701	2164	2170	2179	rVB	854913	1147721	6.52%	1.370%
14	15.825	2185	2191	2202	rBV	6971070	9776480	55.56%	11.672%
15	16.001	2217	2221	2227	rVB	177805	251041	1.43%	0.300%
16	16.278	2264	2268	2273	rVB	230369	303333	1.72%	0.362%
17	16.372	2280	2284	2288	rBV	160498	215237	1.22%	0.257%
18	16.437	2288	2295	2300	rBV	2091984	2782099	15.81%	3.321%
19	17.125	2405	2412	2420	rVB	2425255	3600897	20.46%	4.299%
20	18.084	2570	2575	2583	rBV	846769	1291907	7.34%	1.542%
21	18.484	2638	2643	2649	rBV	346618	546453	3.11%	0.652%
22	19.419	2799	2802	2812	rBV	201342	304437	1.73%	0.363%
23	19.666	2841	2844	2850	rVB	291658	358011	2.03%	0.427%
24	19.866	2873	2878	2884	rBV	14301037	17596876	100.00%	21.008%
25	21.266	3113	3116	3125	rVB2	263633	384213	2.18%	0.459%
26	21.572	3162	3168	3178	rBV2	2829743	4459858	25.34%	5.324%
27	24.895	3724	3733	3745	rVB	1737157	4954677	28.16%	5.915%

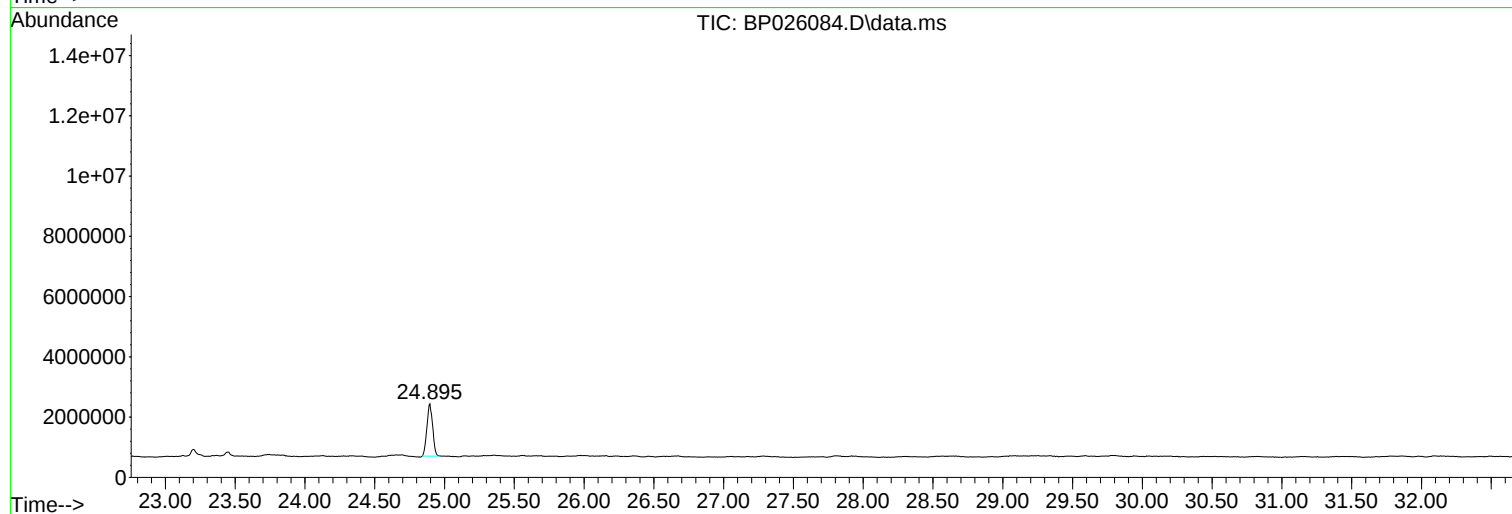
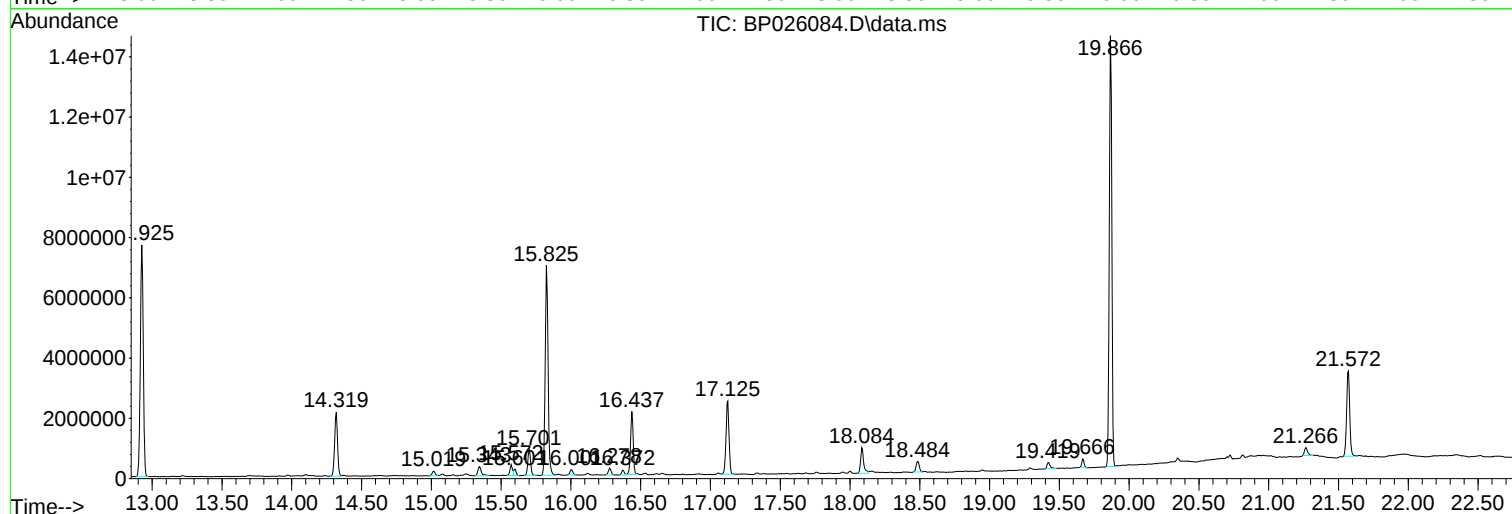
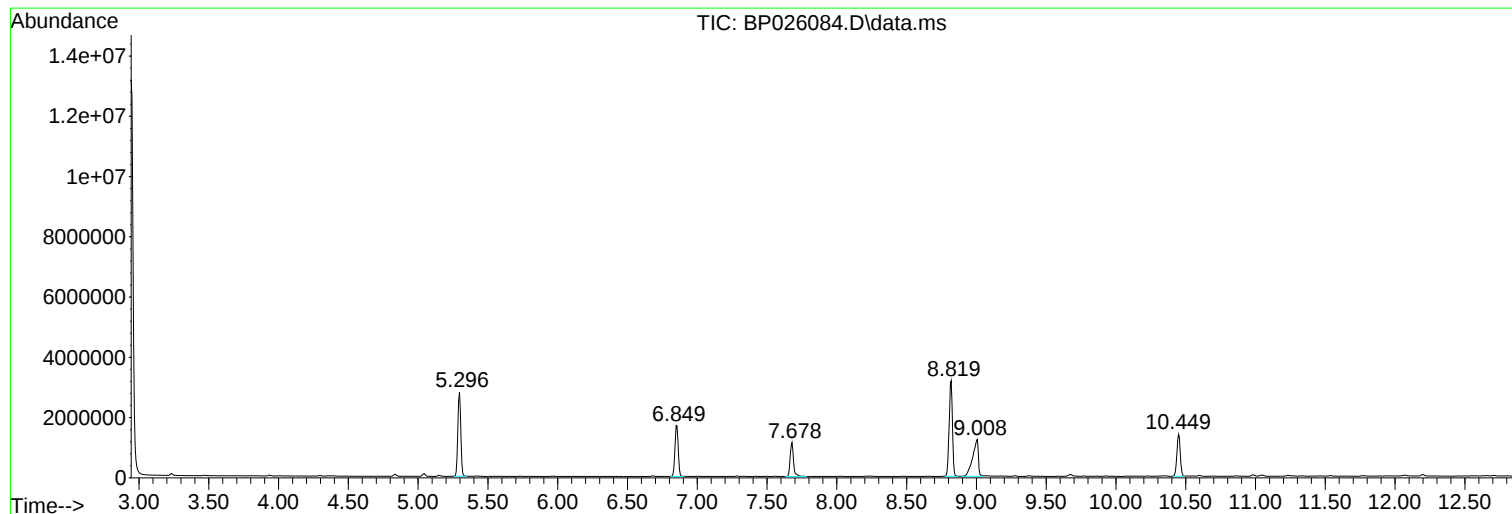
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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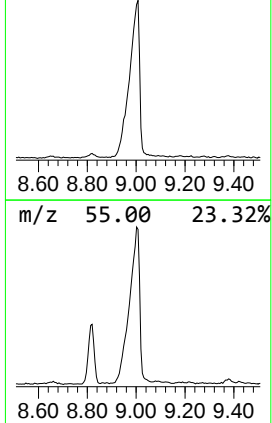
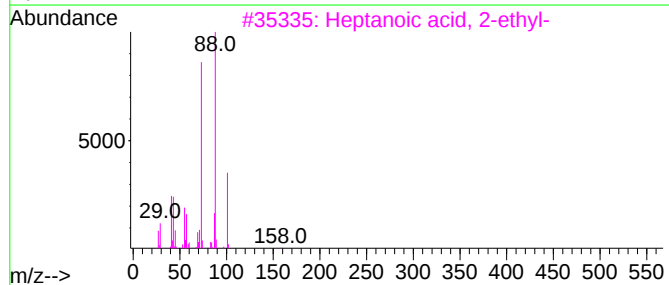
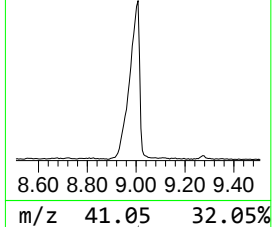
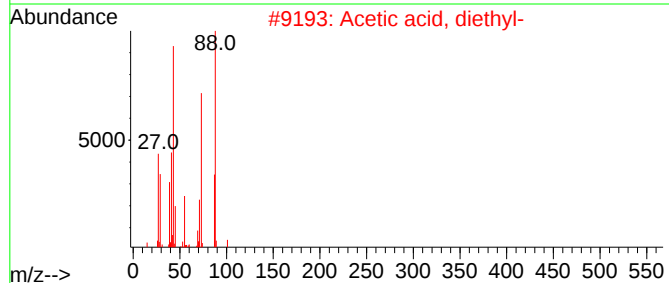
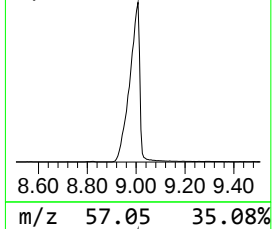
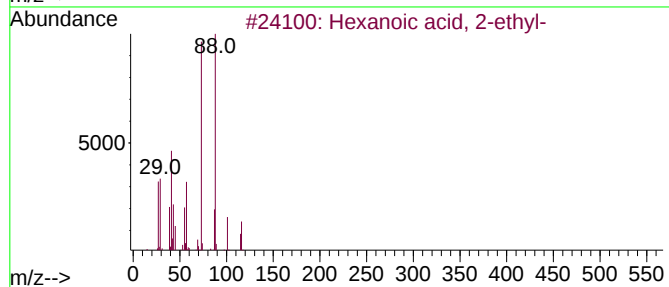
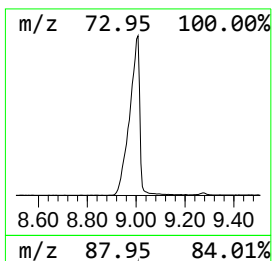
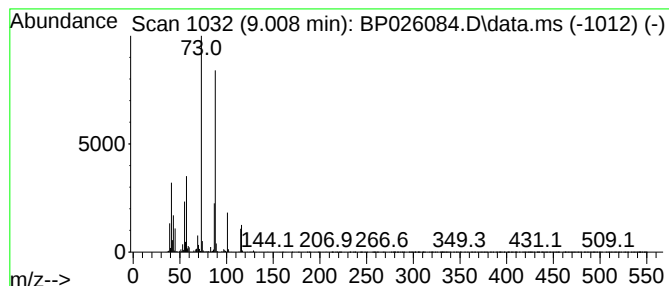
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.008	37.71 ng	3532420	1,4-Dichlorobenzene-d4	7.678

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2			Acetic acid, diethyl-	116	C6H12O2	000088-09-5	59
3			Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
4			2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	56
5			Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45



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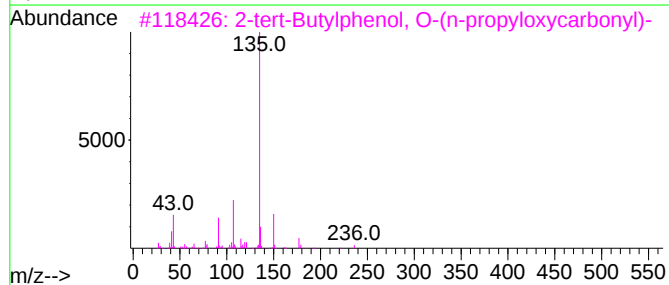
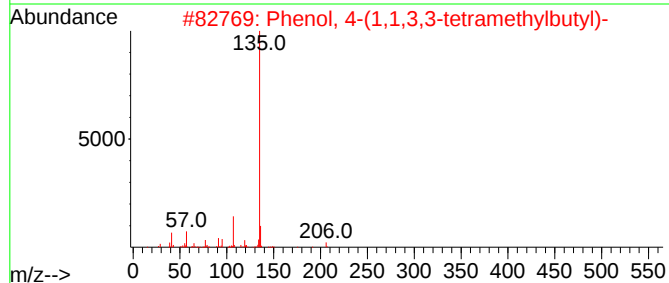
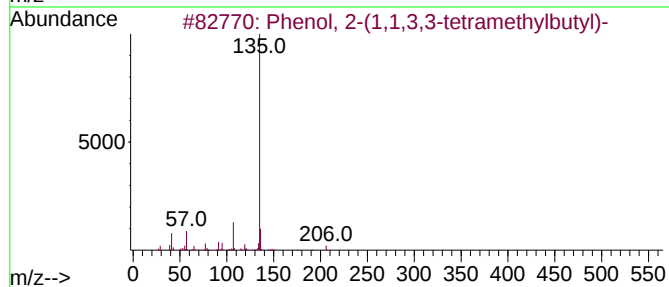
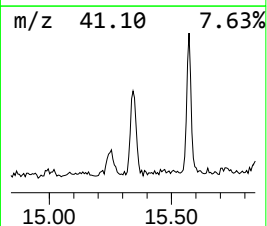
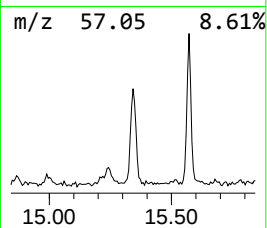
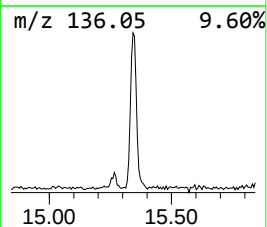
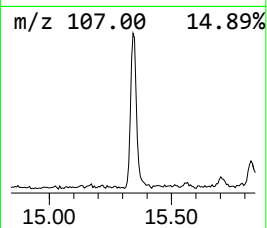
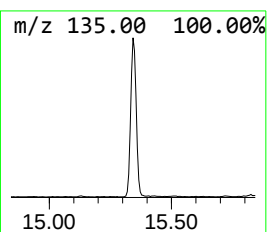
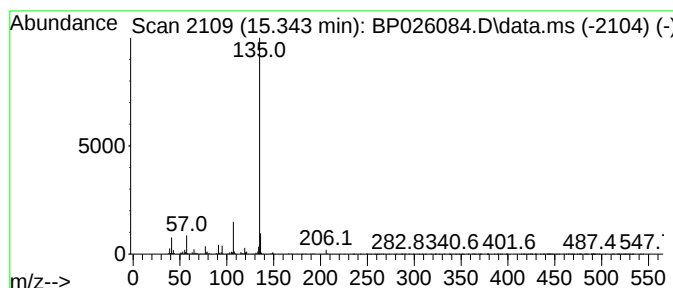
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Peak Number 2 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.342	3.42 ng	539576	Acenaphthene-d10	14.319

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	97
2			Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	95
3			2-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-37-9	78
4			Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
5			4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78



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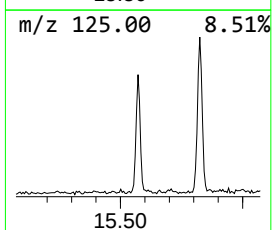
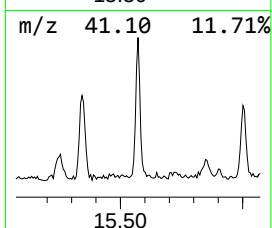
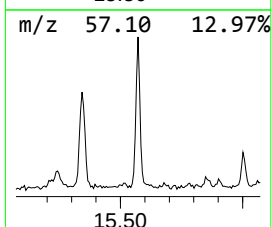
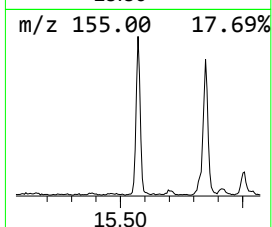
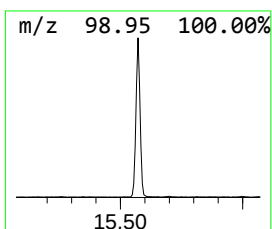
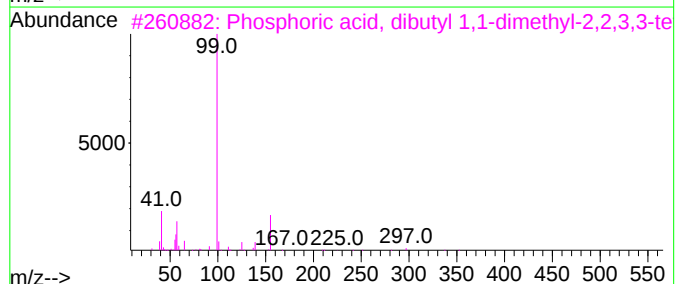
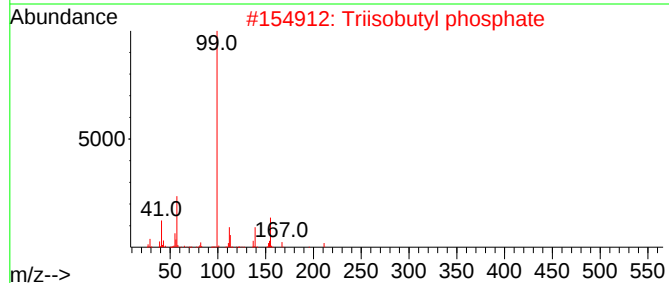
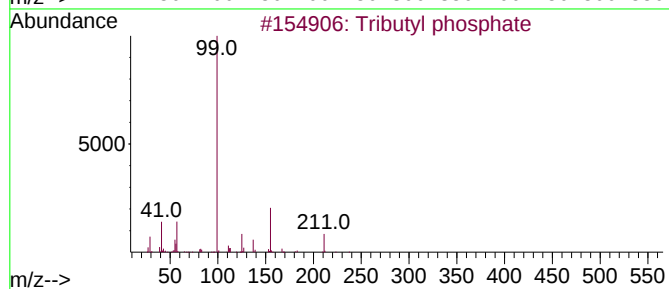
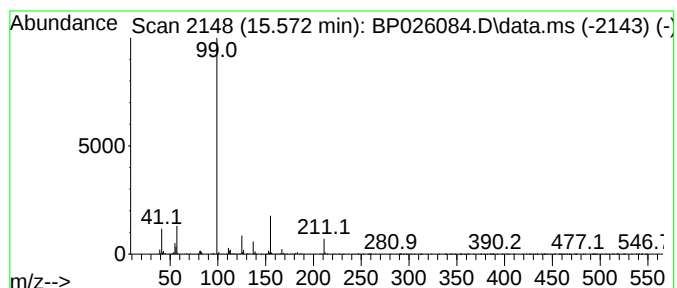
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Tributyl phosphate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.572	3.10 ng	488882	Acenaphthene-d10	14.319

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2			Triisobutyl phosphate	266	C12H27O4P	000126-71-6	78
3			Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	72
4			Phosphoric acid, dibutyl 3-trifl...	348	C14H28F3O4P	1000298-93-8	39
5			Fumaric acid, 4-chlorophenyl hep...	324	C17H21ClO4	1000405-84-2	38



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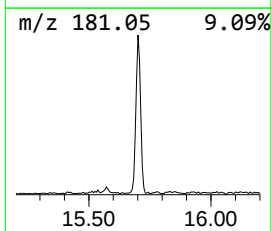
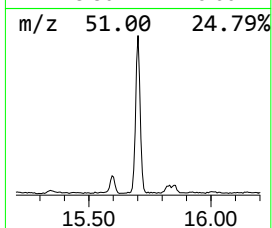
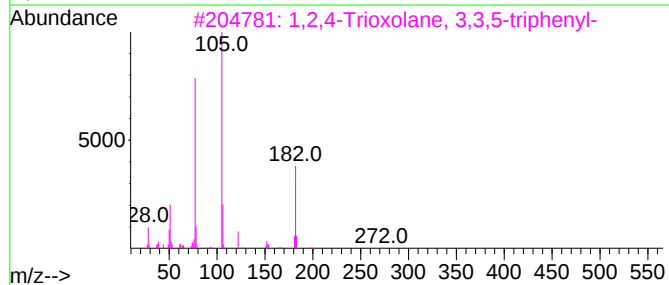
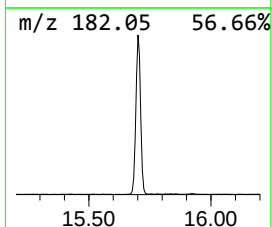
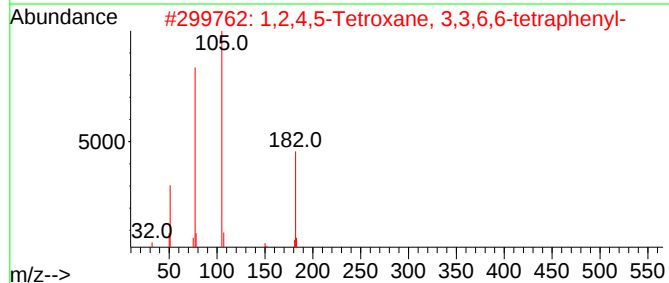
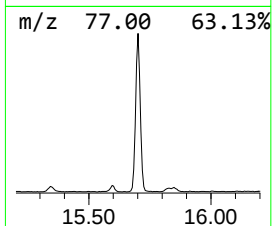
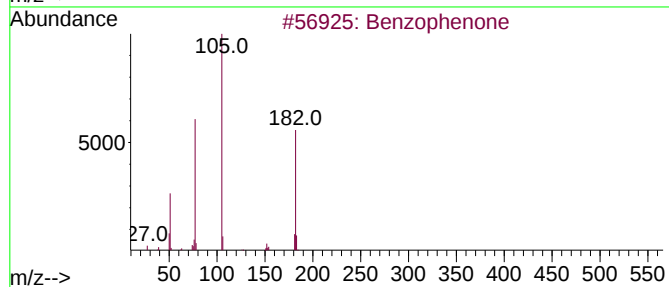
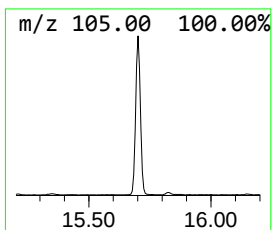
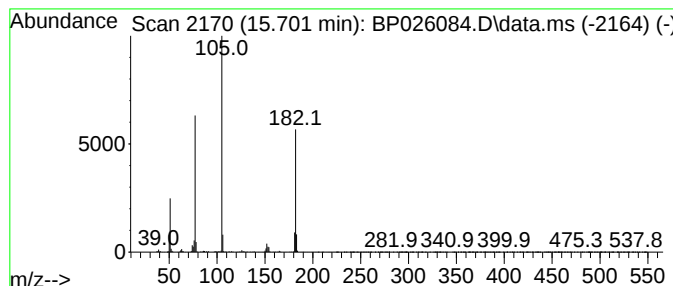
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Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	7.27 ng	1147720	Acenaphthene-d10	14.319

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
4			Azobenzene	182	C12H10N2	000103-33-3	40
5			2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	27



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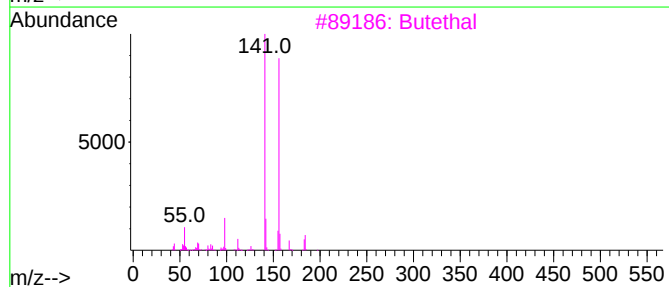
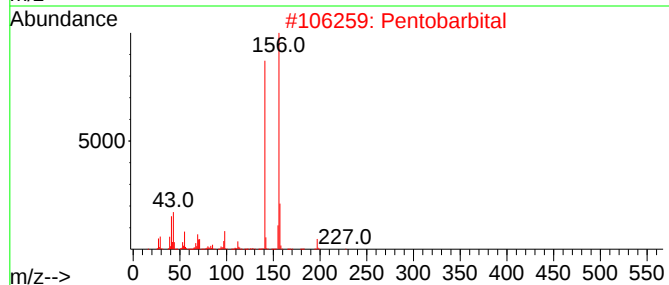
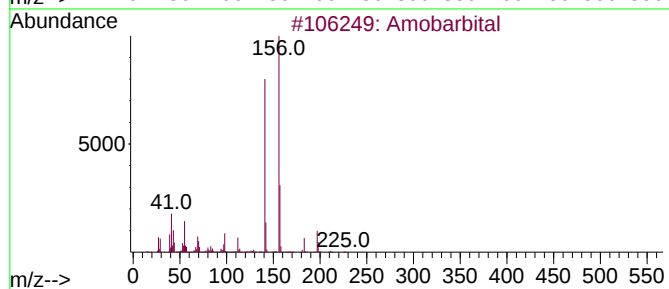
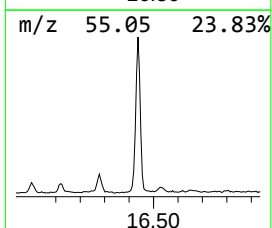
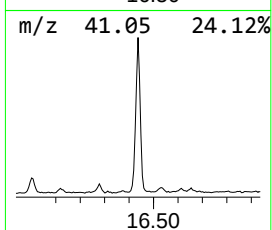
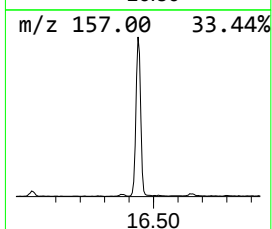
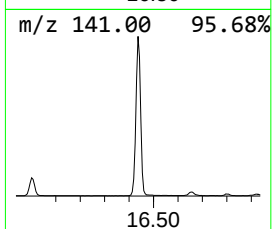
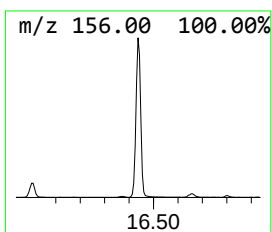
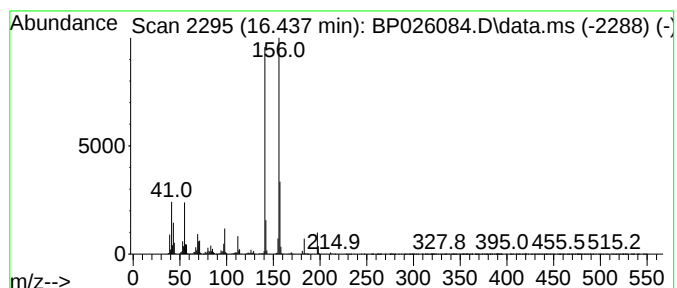
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Peak Number 5 Amobarbital Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.437	15.45 ng	2782100	Phenanthrene-d10	17.125

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Amobarbital	226	C11H18N2O3	000057-43-2	94
2			Pentobarbital	226	C11H18N2O3	000076-74-4	86
3			Butethal	212	C10H16N2O3	000077-28-1	80
4			Butabarbital	212	C10H16N2O3	000125-40-6	72
5			3,4-Dihydro-4,4,6-trimethyl-2-py...	156	C7H12N2S	005392-23-4	59



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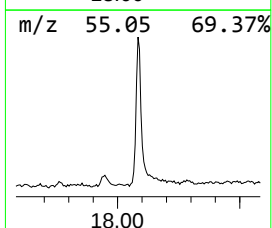
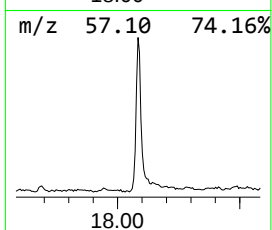
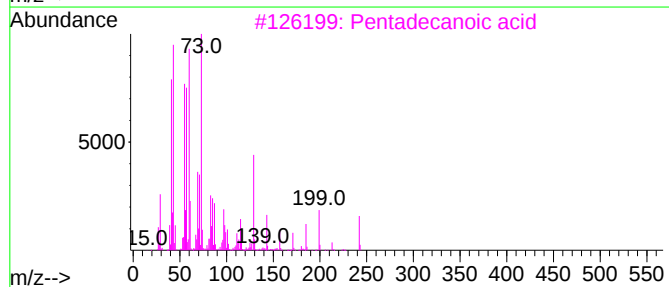
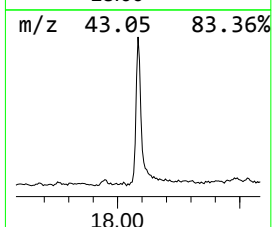
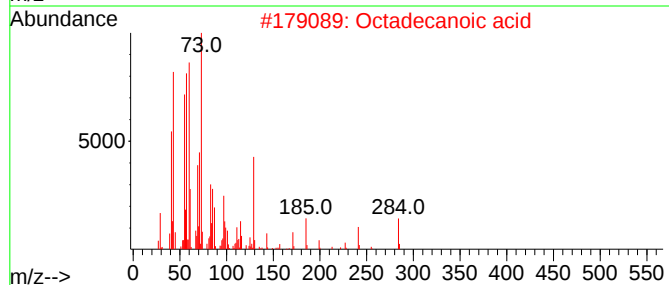
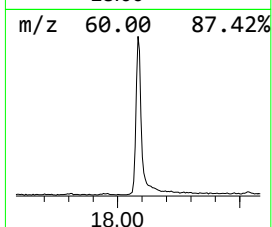
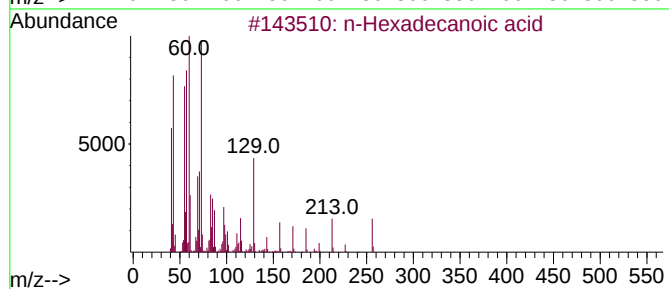
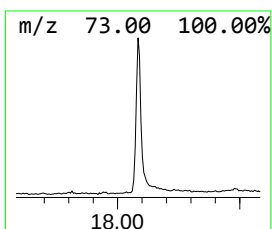
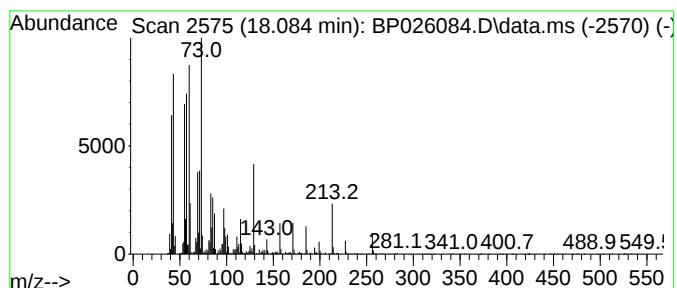
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.084	7.18 ng	1291910	Phenanthrene-d10	17.125

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	92
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

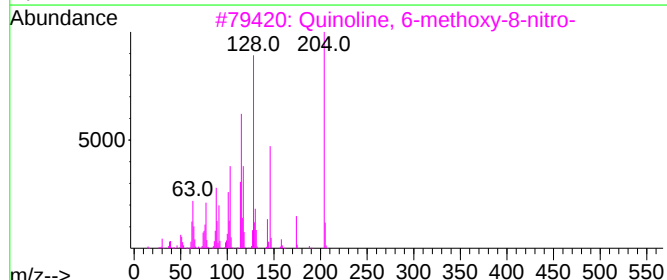
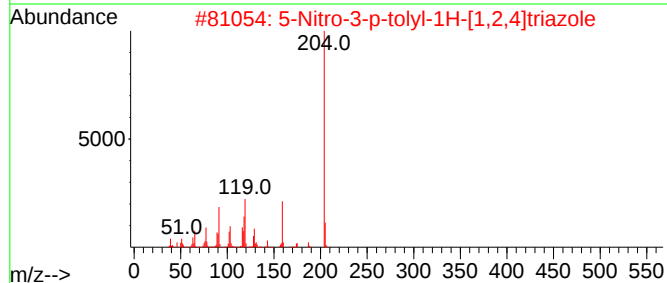
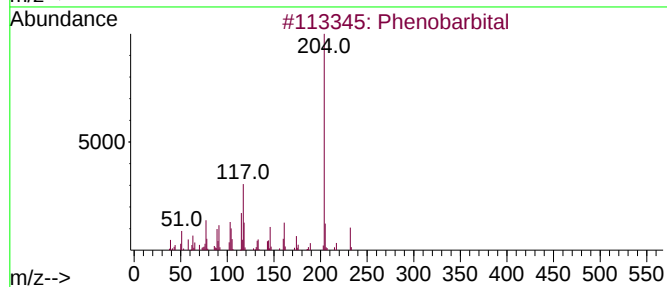
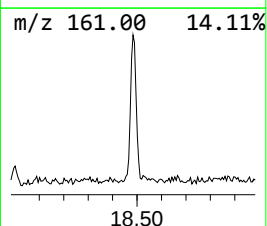
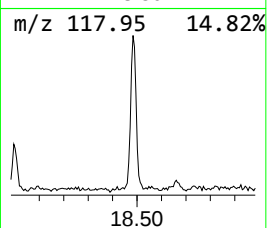
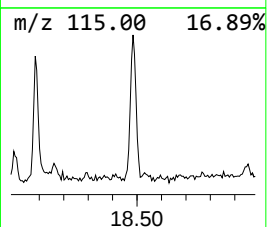
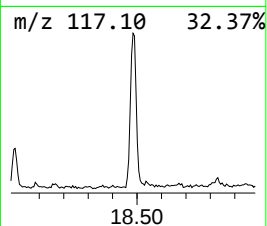
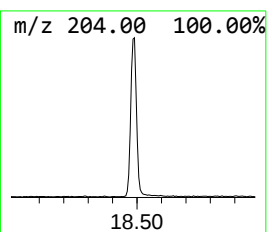
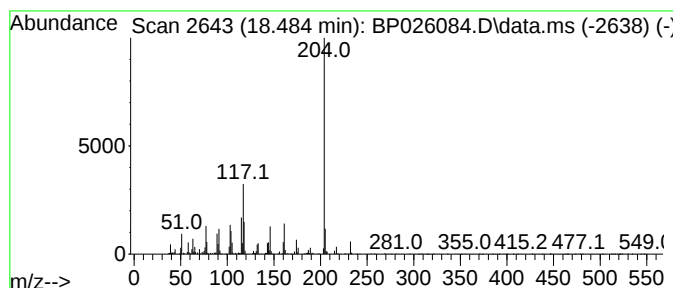
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenobarbital Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.483	3.04 ng	546453	Phenanthrene-d10	17.125

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenobarbital	232	C12H12N2O3	000050-06-6	95
2			5-Nitro-3-p-tolyl-1H-[1,2,4]tria...	204	C9H8N4O2	1010296-48-9	53
3			Quinoline, 6-methoxy-8-nitro-	204	C10H8N2O3	000085-81-4	50
4			Quinoline, 6-methoxy-5-nitro-	204	C10H8N2O3	006623-91-2	49
5			4-tert-Butyl-N-[2-(2-fluoro-phen...	315	C19H22FN02	329919-98-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026084.D
Acq On : 06 Nov 2025 19:48
Operator : RC/JU
Sample : Q3534-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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
Hexanoic acid, ...	9.008	37.7	ng	3532420	1	7.678	1873660	20.0
Phenol, 2-(1,1,...	15.342	3.4	ng	539576	3	14.319	3156600	20.0
Tributyl phosphate	15.572	3.1	ng	488882	3	14.319	3156600	20.0
Benzophenone	15.701	7.3	ng	1147720	3	14.319	3156600	20.0
Amobarbital	16.437	15.4	ng	2782100	4	17.125	3600900	20.0
n-Hexadecanoic ...	18.084	7.2	ng	1291910	4	17.125	3600900	20.0
Phenobarbital	18.483	3.0	ng	546453	4	17.125	3600900	20.0