

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024253.D
 Acq On : 10 Apr 2025 15:17
 Operator : RC/JU
 Sample : Q1746-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-149-GW01

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-BP031225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024253.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	300	308	317	rBV	241377	348645	1.40%	0.318%
2	5.358	379	386	402	rBV	2541603	3566321	14.29%	3.251%
3	6.922	643	652	667	rBV	1441888	2298472	9.21%	2.095%
4	7.740	782	791	798	rBV	954225	1473423	5.90%	1.343%
5	8.887	979	986	997	rBV	3088961	5008040	20.07%	4.565%
6	9.069	1003	1017	1028	rBV	876415	2225212	8.92%	2.029%
7	10.299	1219	1226	1241	rBV	455556	884774	3.55%	0.807%
8	10.516	1256	1263	1269	rBV	1193915	2051177	8.22%	1.870%
9	12.987	1675	1683	1698	rVB	7845489	11700819	46.89%	10.667%
10	13.922	1835	1842	1850	rBV	161296	303139	1.21%	0.276%
11	14.375	1913	1919	1926	rVB	1979511	2686864	10.77%	2.449%
12	15.193	2053	2058	2066	rVB2	493694	746146	2.99%	0.680%
13	15.757	2148	2154	2162	rBV	302646	470488	1.89%	0.429%
14	15.893	2170	2177	2197	rBV	6721930	9892528	39.64%	9.018%
15	17.175	2390	2395	2406	rVB2	2285811	3203941	12.84%	2.921%
16	17.481	2442	2447	2456	rVB	263456	386521	1.55%	0.352%
17	17.839	2503	2508	2512	rBV	566479	717564	2.88%	0.654%
18	18.128	2551	2557	2564	rBV	3604023	4849310	19.43%	4.421%
19	18.192	2564	2568	2573	rVB	483265	629956	2.52%	0.574%
20	19.339	2756	2763	2769	rBV	516572	899305	3.60%	0.820%
21	19.451	2777	2782	2800	rBV	6105900	9229938	36.99%	8.414%
22	19.592	2800	2806	2819	rVB	10331271	12449703	49.89%	11.349%
23	19.822	2841	2845	2848	rBV	258526	364379	1.46%	0.332%
24	19.904	2852	2859	2868	rVB2	12413558	24955647	100.00%	22.750%
25	21.298	3092	3096	3115	rVB2	250337	572196	2.29%	0.522%
26	21.616	3145	3150	3157	rBV2	2255241	3693701	14.80%	3.367%
27	24.992	3715	3724	3736	rVB	1649588	4086896	16.38%	3.726%

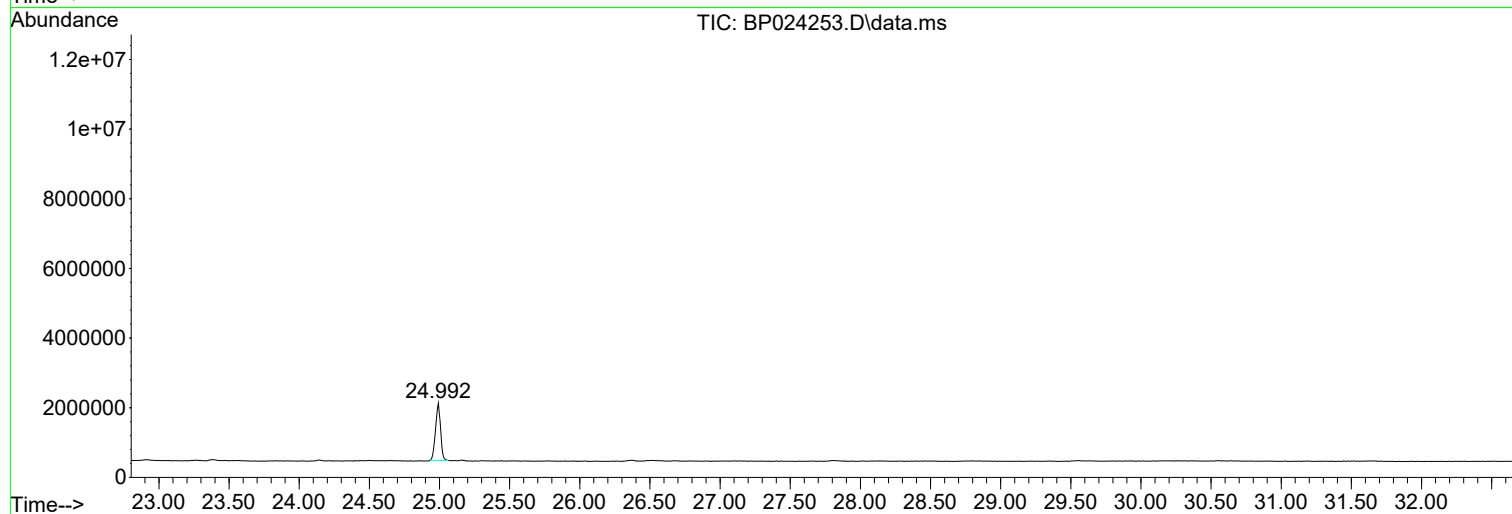
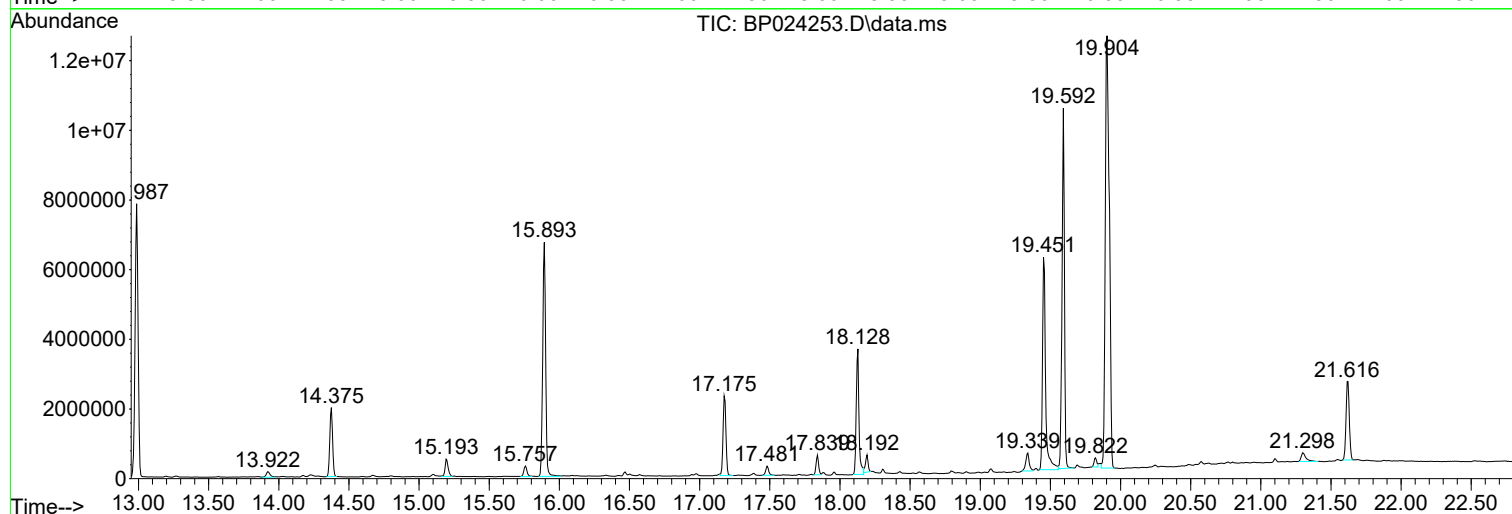
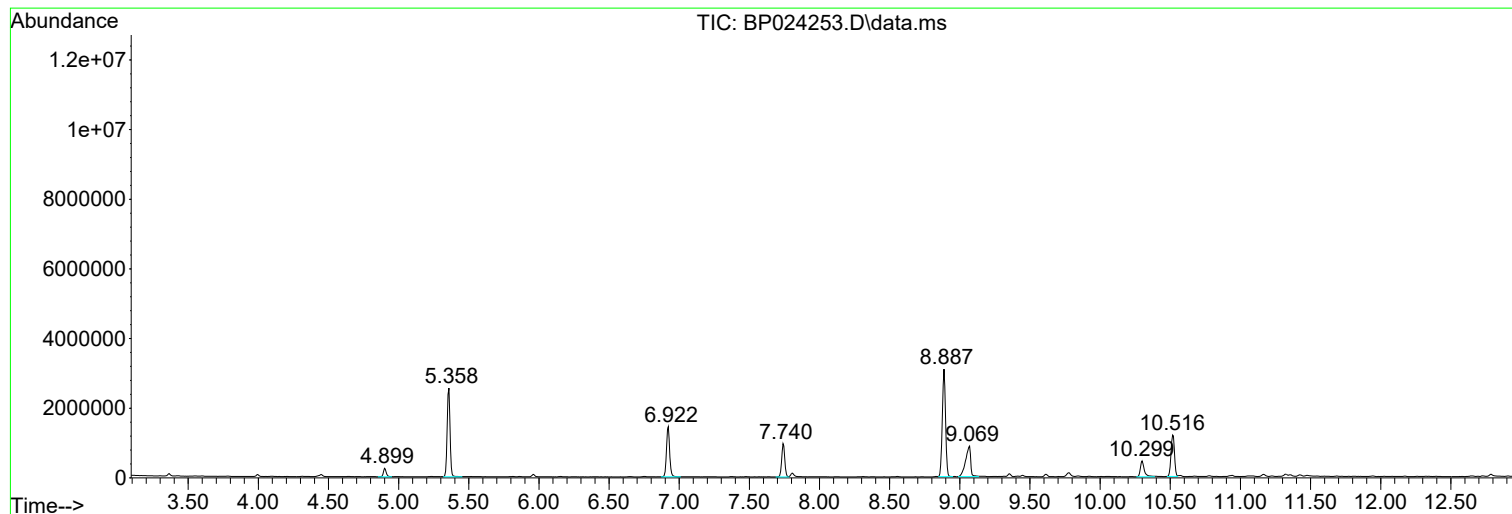
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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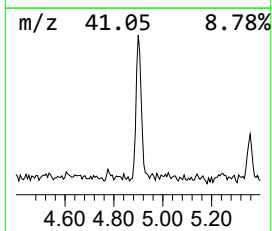
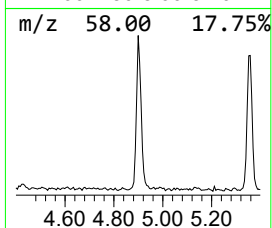
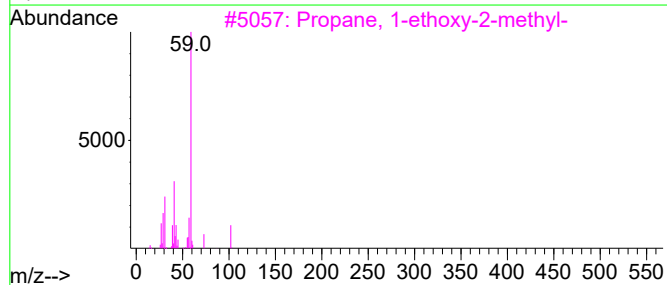
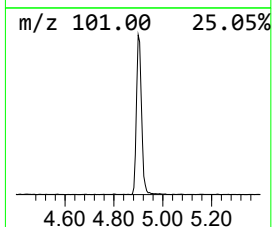
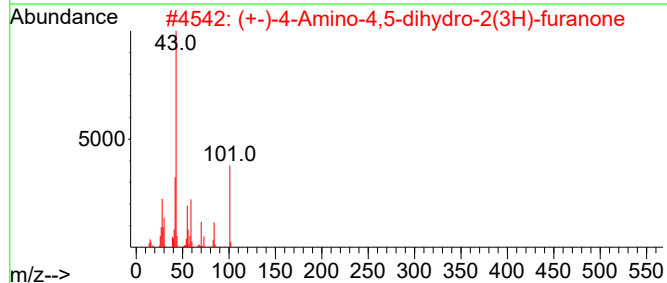
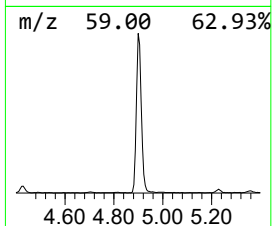
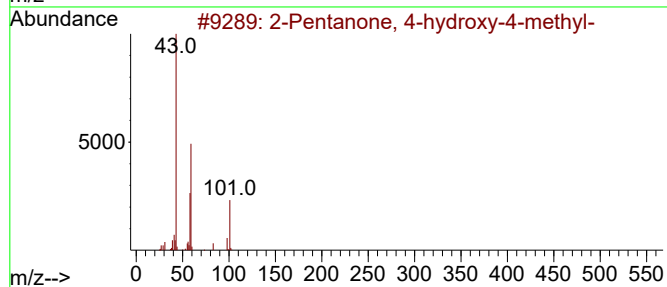
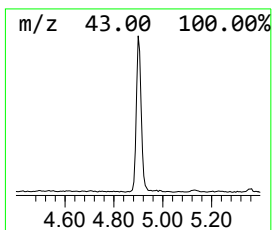
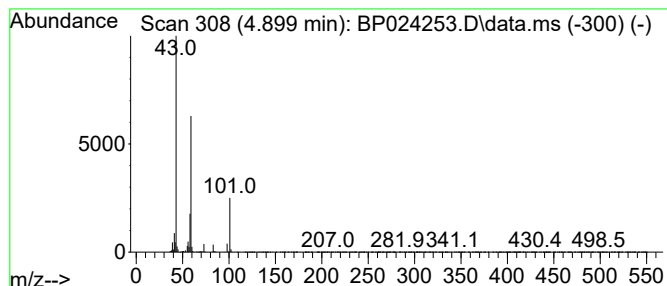
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	4.73 ng	348645	1,4-Dichlorobenzene-d4	7.740

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	25



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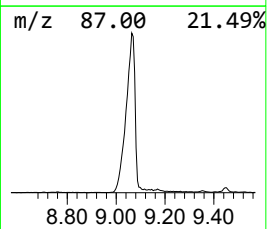
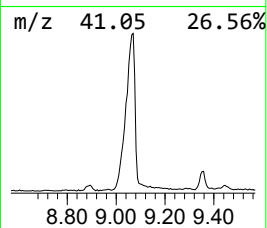
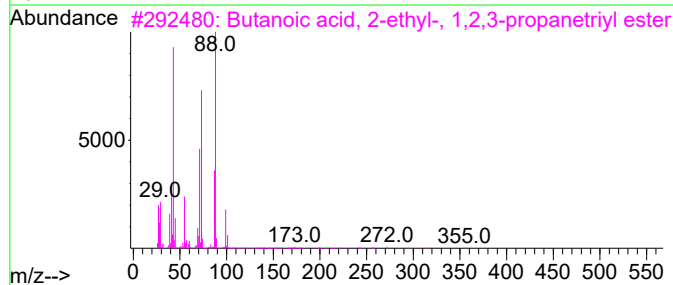
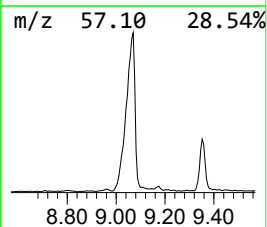
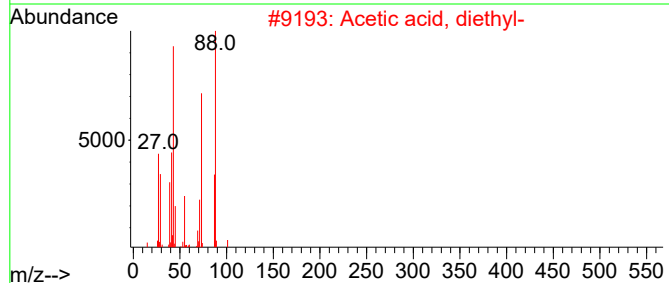
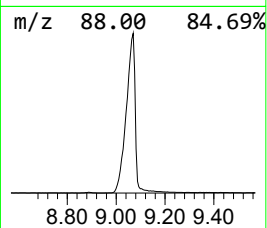
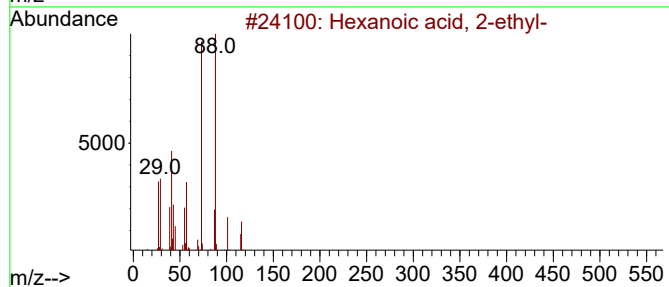
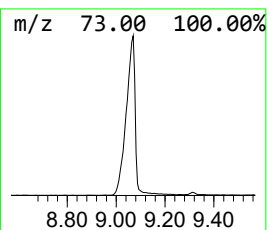
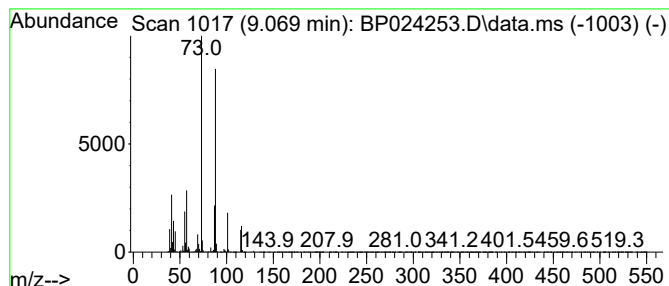
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	30.20 ng	2225210	1,4-Dichlorobenzene-d4	7.740

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			Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
4			2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	43
5			Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42



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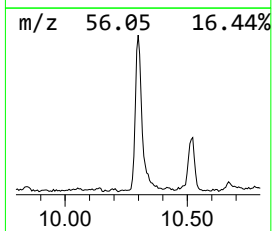
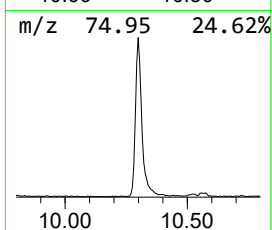
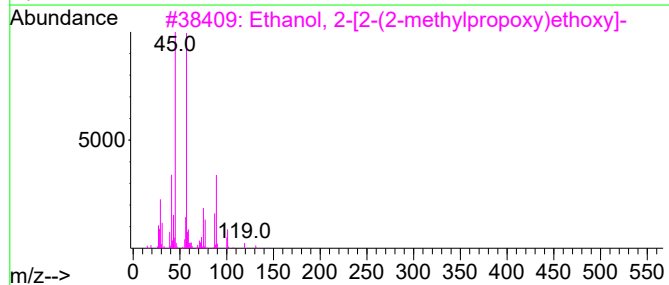
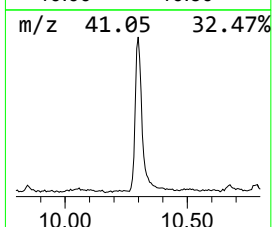
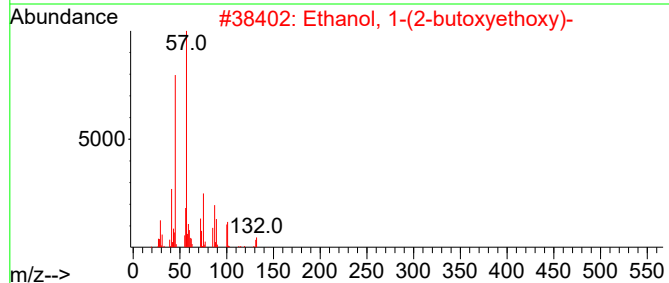
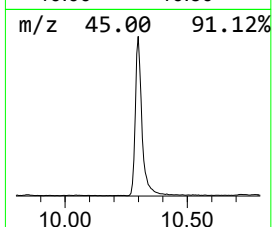
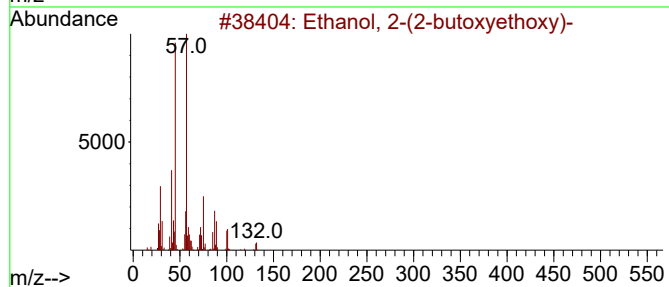
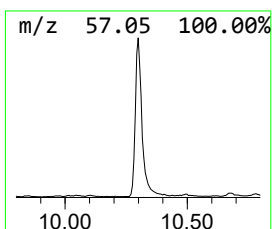
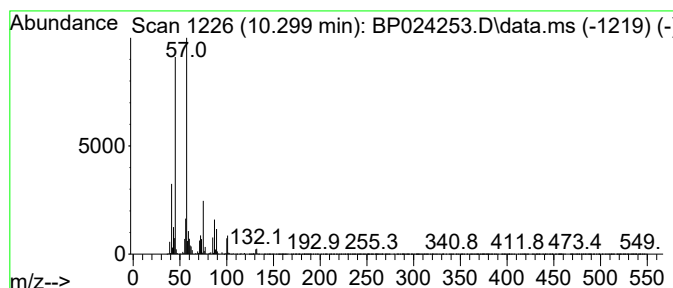
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.299	8.63 ng	884774	Naphthalene-d8	10.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5			Di-sec-Butyl ether	130	C8H18O	006863-58-7	50



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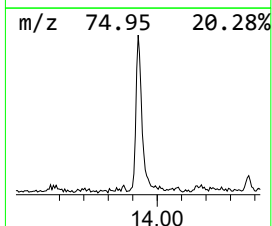
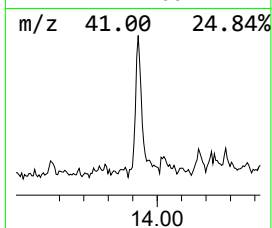
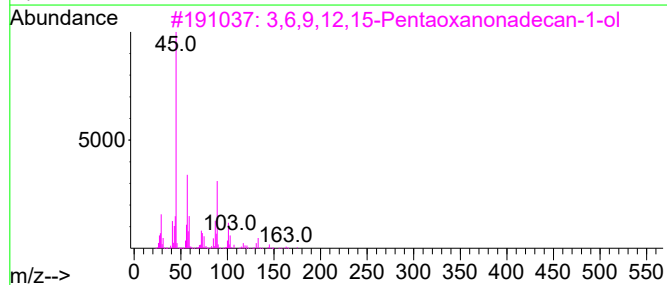
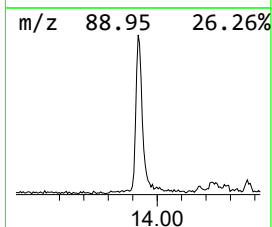
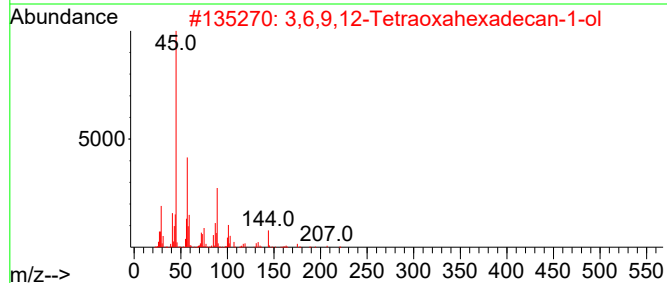
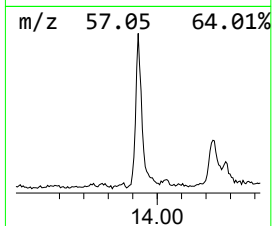
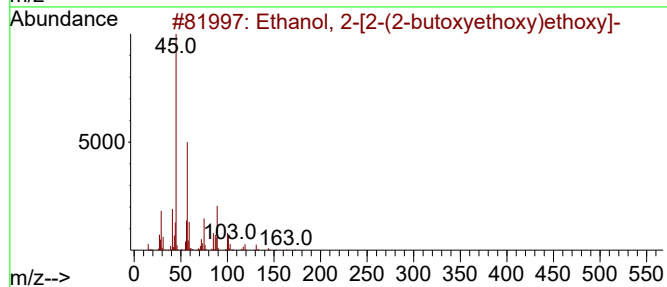
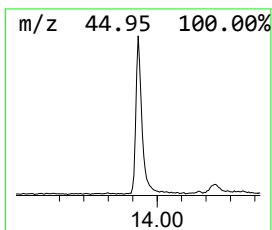
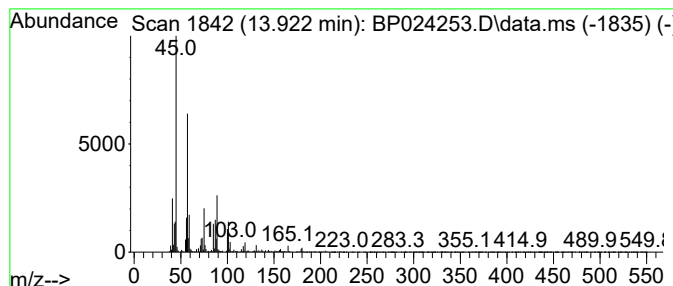
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Peak Number 4 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	2.26 ng	303139	Acenaphthene-d10	14.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2			3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	72
3			3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	64
4			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64



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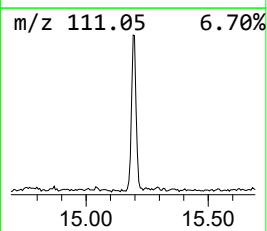
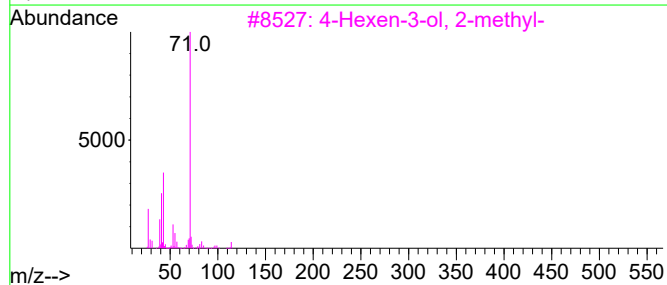
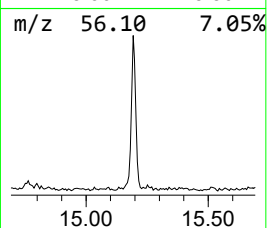
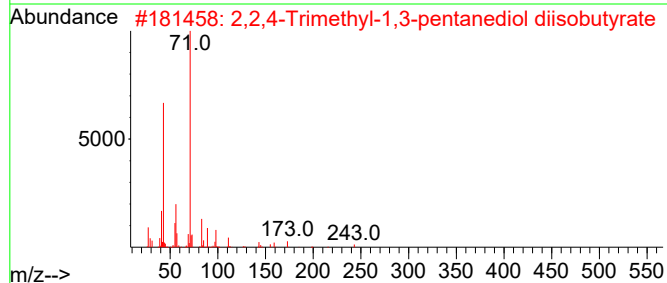
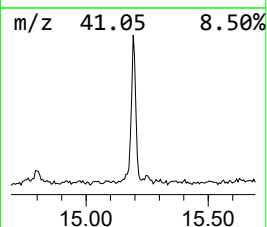
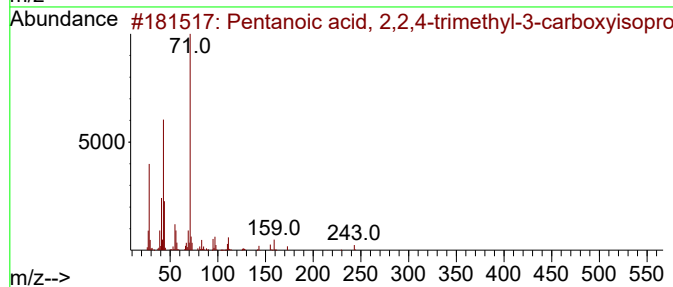
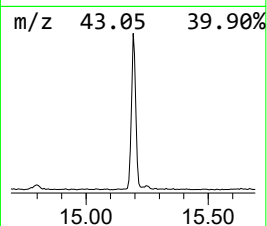
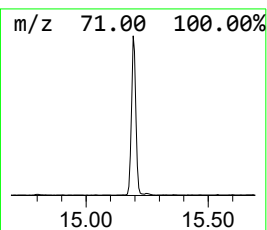
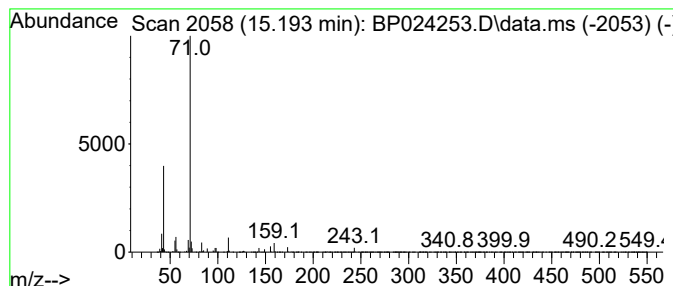
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Peak Number 5 Pentanoic acid, 2,2,4-trime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.193	5.55 ng	746146	Acenaphthene-d10	14.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	74
2			2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	56
3			4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	45
4			Fumaric acid, nonyl tetrahydrofu...	326	C18H30O5	1000330-58-3	45
5			Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	45



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ClientSampleId :
B-149-GW01

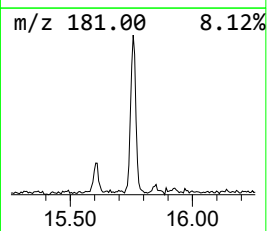
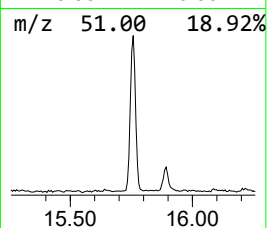
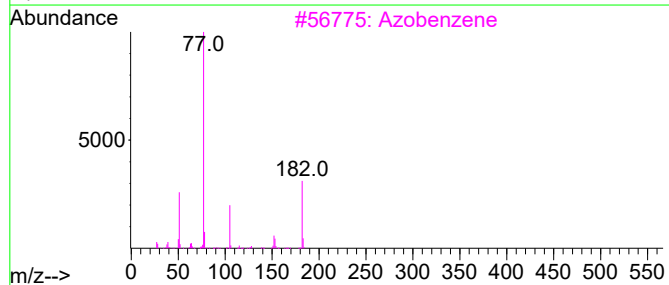
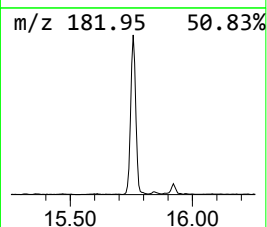
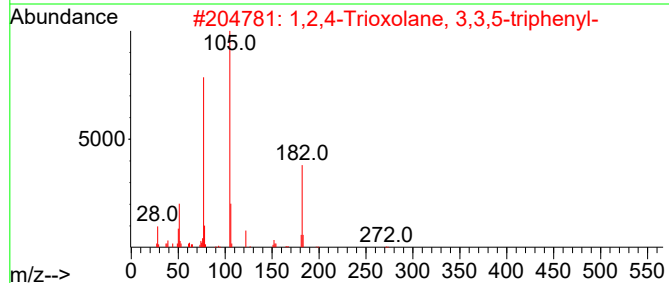
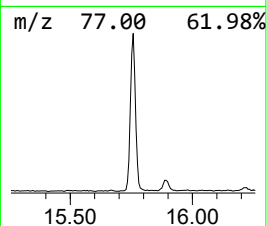
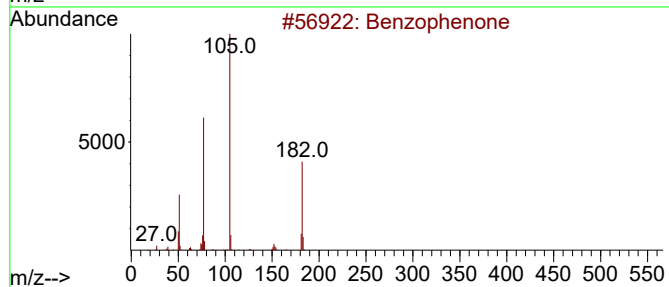
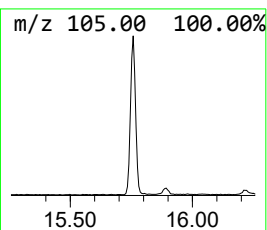
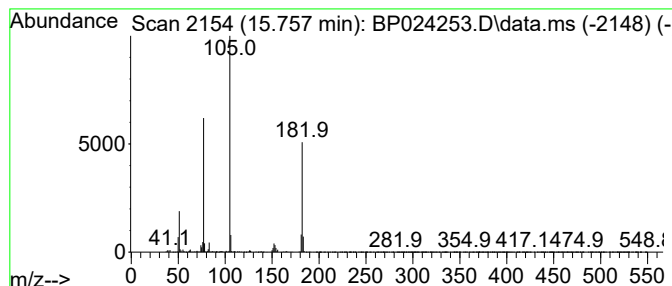
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	3.50 ng	470488	Acenaphthene-d10	14.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
3			Azobenzene	182	C12H10N2	000103-33-3	45
4			Azobenzene, (E)-	182	C12H10N2	017082-12-1	42
5			1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
Data File : BP024253.D
Acq On : 10 Apr 2025 15:17
Operator : RC/JU
Sample : Q1746-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

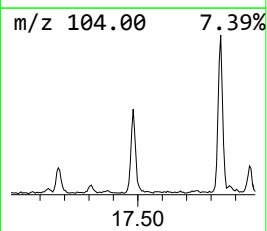
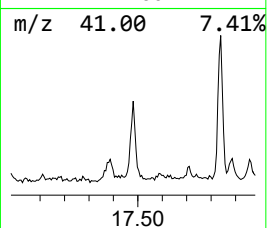
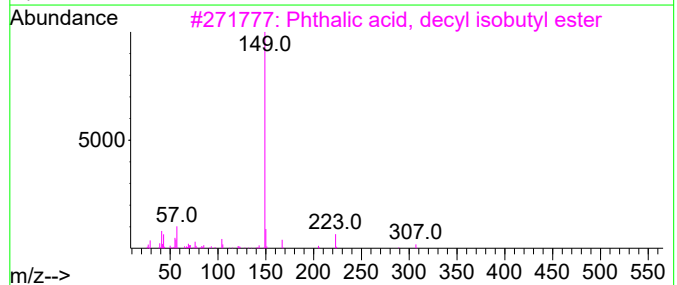
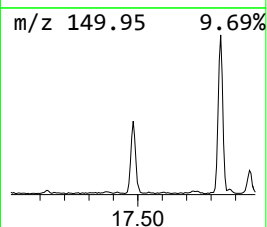
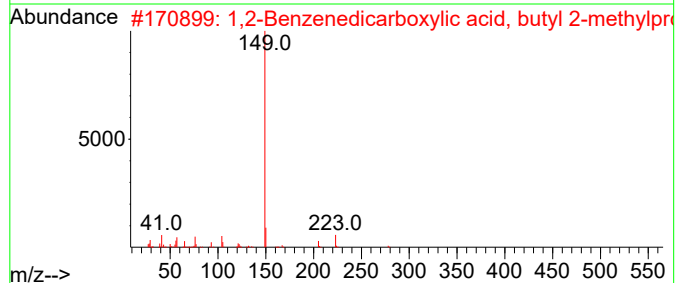
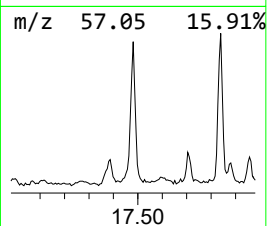
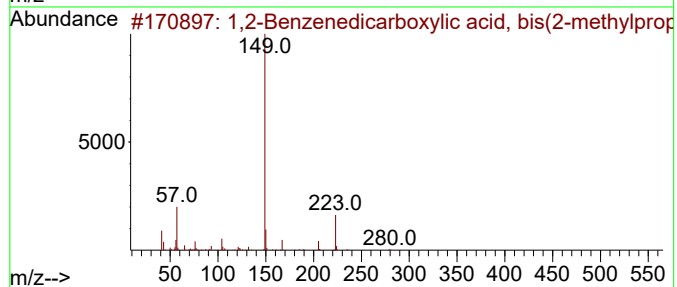
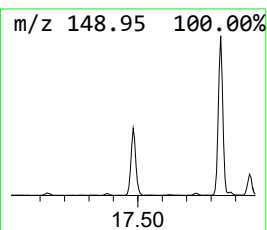
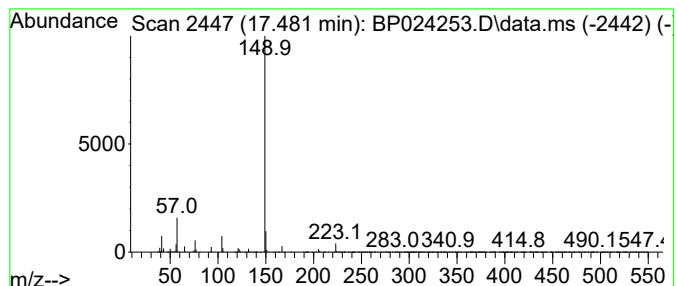
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,2-Benzenedicarboxylic aci... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.481	2.41 ng	386521	Phenanthrene-d10	17.175	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	91
2	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	86
3	Phthalic acid, decyl isobutyl ester	362	C22H34O4	1000308-94-2	83
4	Phthalic acid, butyl 2-ethylbuty...	306	C18H26O4	1000356-89-0	80
5	Dibutyl phthalate	278	C16H22O4	000084-74-2	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
Data File : BP024253.D
Acq On : 10 Apr 2025 15:17
Operator : RC/JU
Sample : Q1746-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

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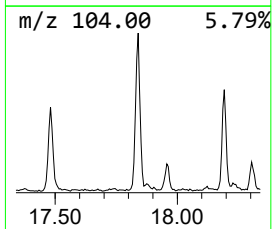
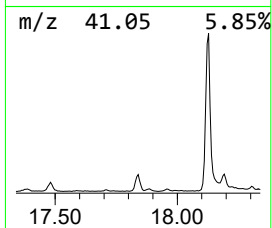
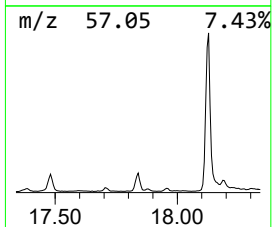
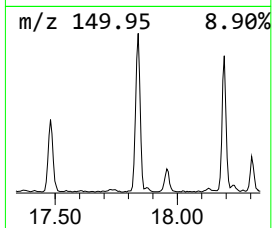
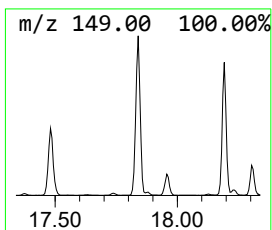
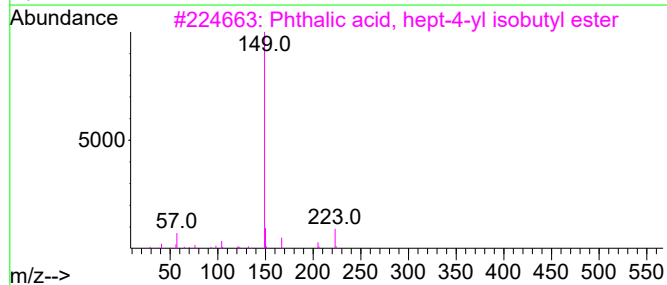
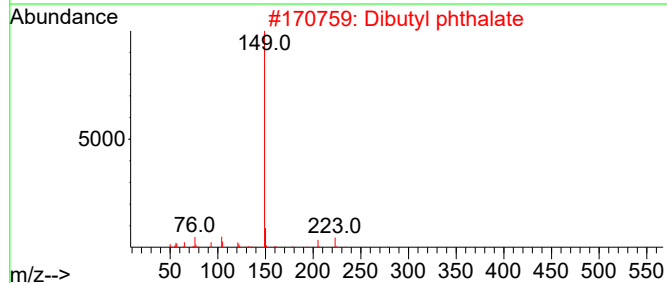
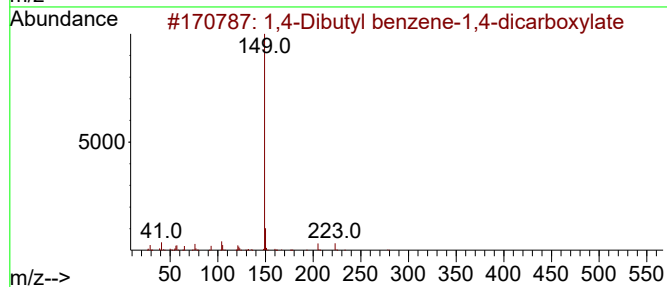
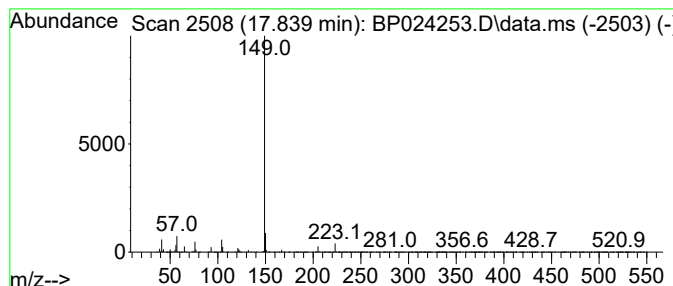
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,4-Dibutyl benzene-1,4-dic... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	4.48 ng	717564	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dibutyl benzene-1,4-dicarbox...	278	C16H22O4	001962-75-0	90
2			Dibutyl phthalate	278	C16H22O4	000084-74-2	90
3			Phthalic acid, hept-4-yl isobuty...	320	C19H28O4	1000356-78-3	83
4			Phthalic acid, cyclohexylmethyl ...	318	C19H26O4	1000309-08-6	83
5			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
Data File : BP024253.D
Acq On : 10 Apr 2025 15:17
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Misc :
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ClientSampleId :
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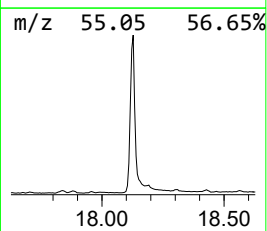
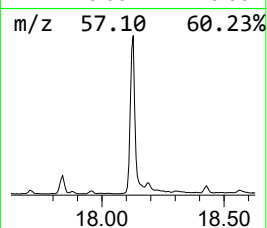
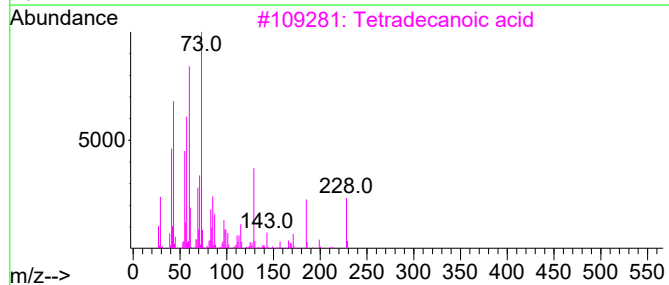
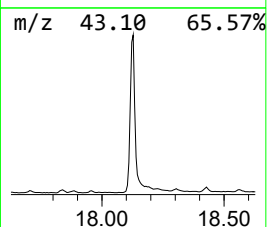
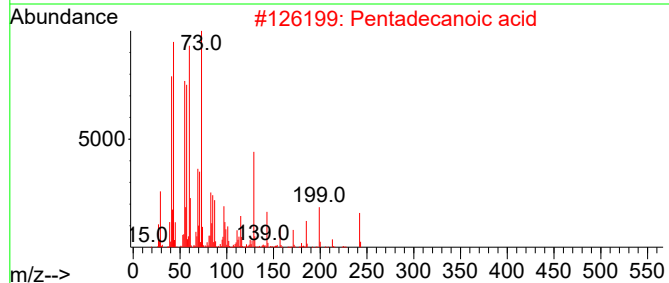
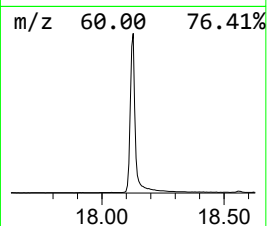
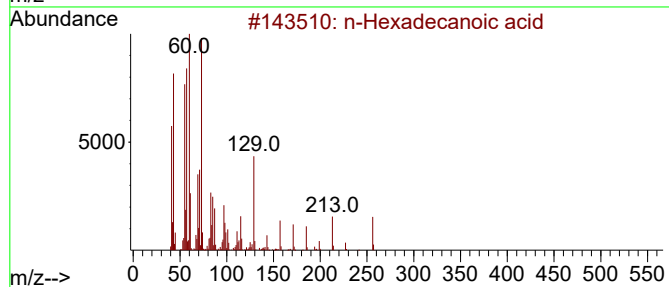
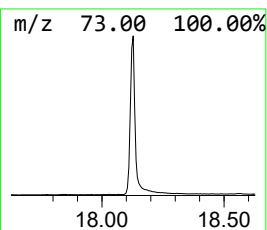
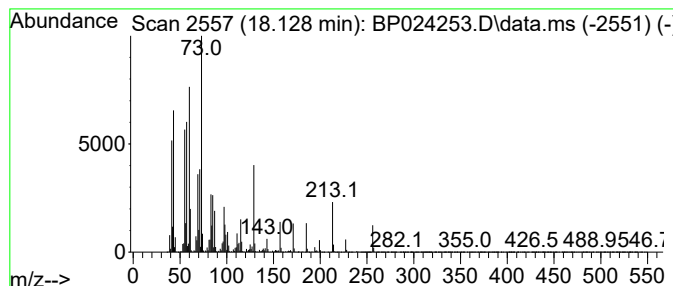
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	30.27 ng	4849310	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			n-Decanoic acid	172	C10H20O2	000334-48-5	68
5			Tridecanoic acid	214	C13H26O2	000638-53-9	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
Data File : BP024253.D
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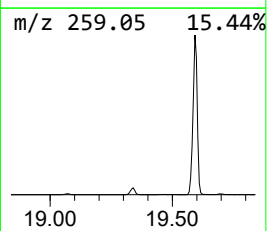
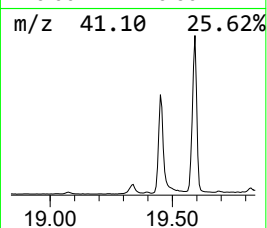
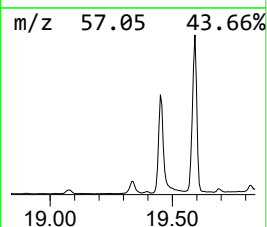
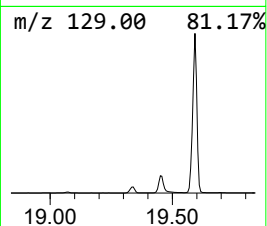
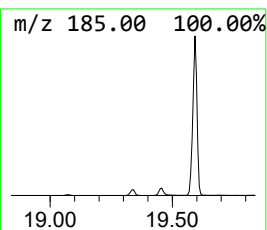
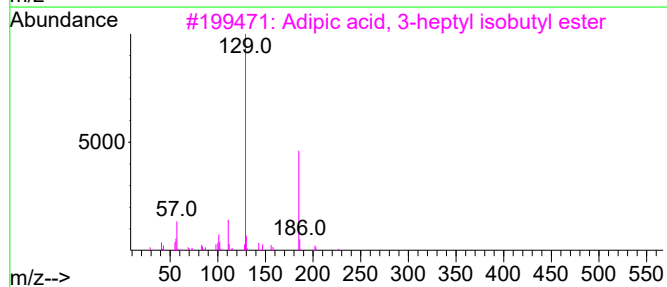
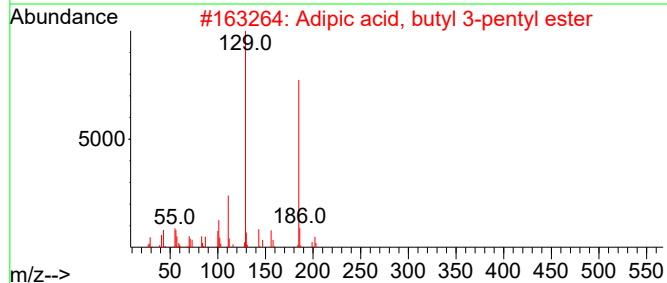
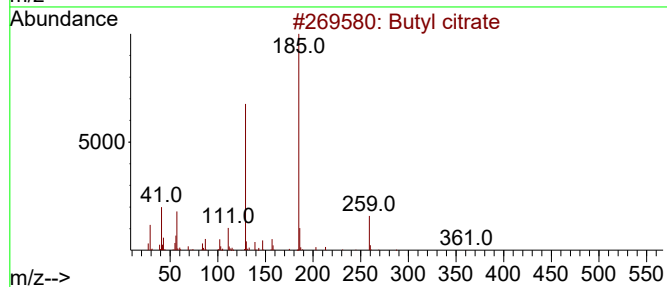
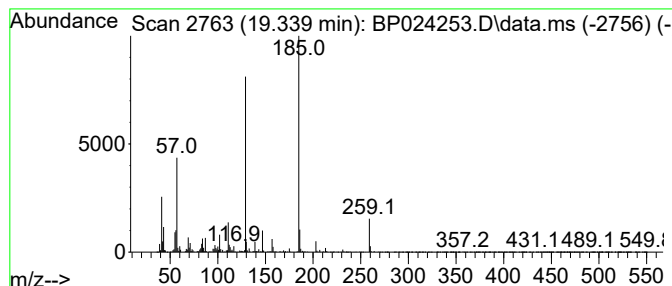
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Butyl citrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	5.61 ng	899305	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butyl citrate	360	C18H32O7	000077-94-1	91
2			Adipic acid, butyl 3-pentyl ester	272	C15H28O4	1000324-60-5	72
3			Adipic acid, 3-heptyl isobutyl e...	300	C17H32O4	1000353-64-8	72
4			Adipic acid, 4-heptyl isobutyl e...	300	C17H32O4	1000349-73-6	72
5			Adipic acid, 2-hexyl isobutyl ester	286	C16H30O4	1000353-70-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
Data File : BP024253.D
Acq On : 10 Apr 2025 15:17
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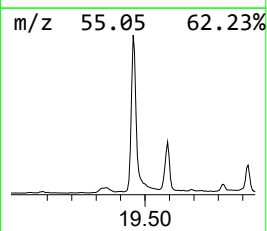
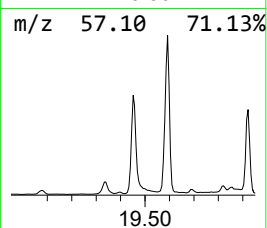
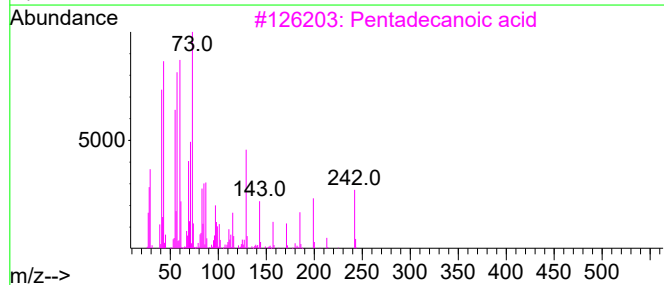
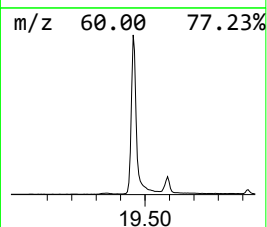
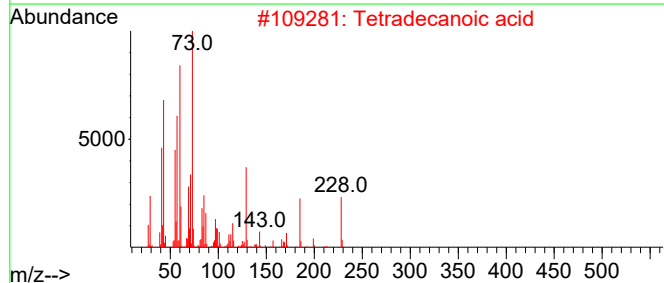
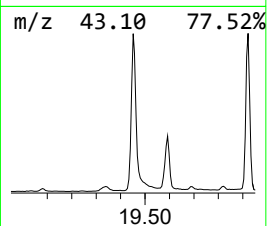
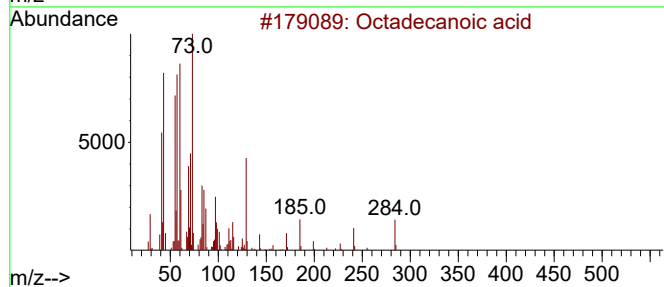
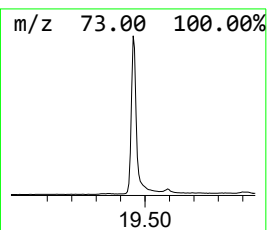
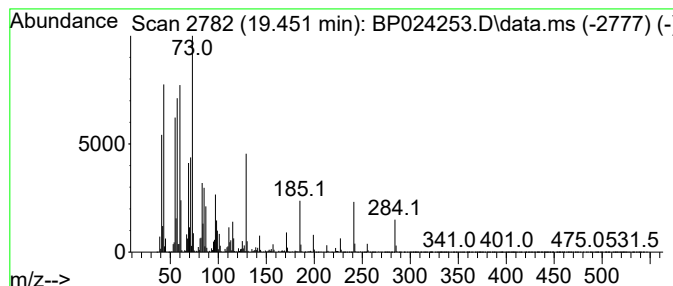
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.451	49.98 ng	9229940	Chrysene-d12	21.622

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
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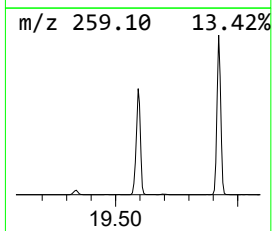
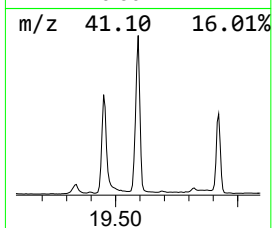
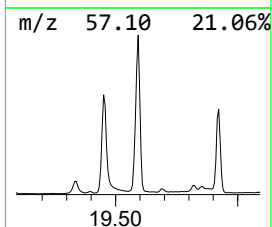
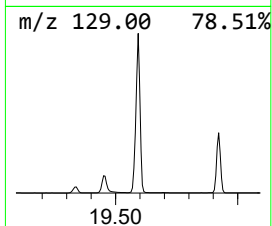
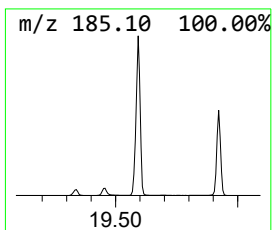
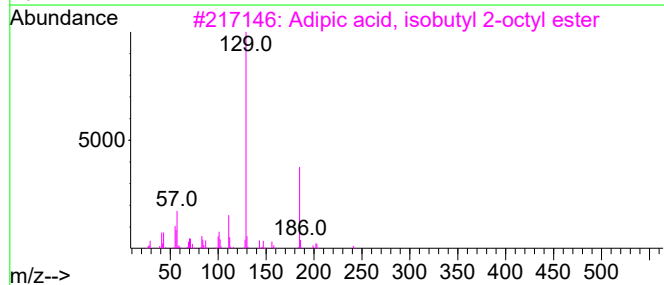
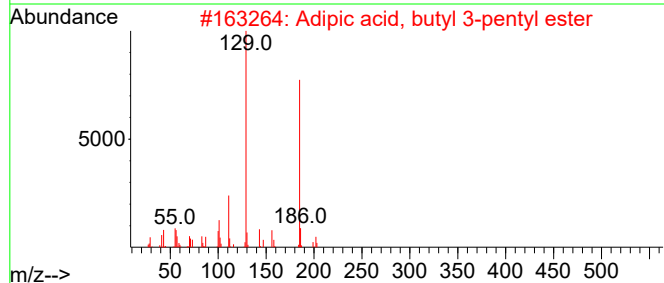
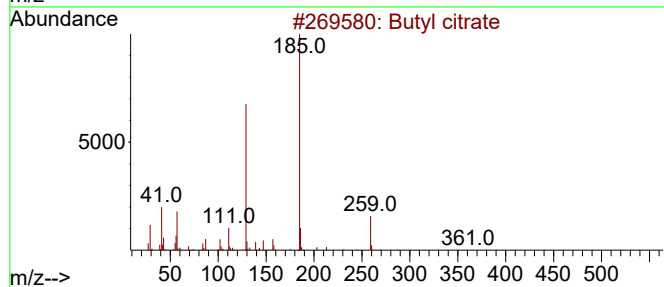
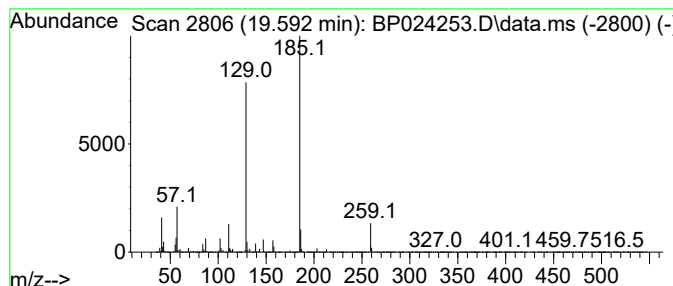
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B-149-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Adipic acid, butyl 3-pentyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.592	67.41 ng	12449700	Chrysene-d12		21.622	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Butyl citrate		360	C18H32O7	000077-94-1	94
2	Adipic acid, butyl 3-pentyl ester		272	C15H28O4	1000324-60-5	64
3	Adipic acid, isobutyl 2-octyl ester		314	C18H34O4	1000324-44-5	64
4	Adipic acid, isobutyl pent-4-en-...		270	C15H26O4	1000354-11-8	56
5	Adipic acid, cycloheptyl isobuty...		298	C17H30O4	1000324-71-5	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
Data File : BP024253.D
Acq On : 10 Apr 2025 15:17
Operator : RC/JU
Sample : Q1746-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-149-GW01

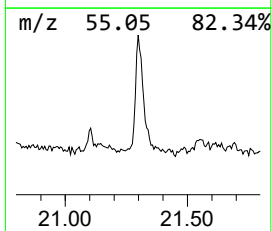
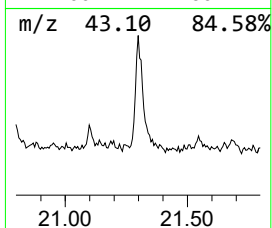
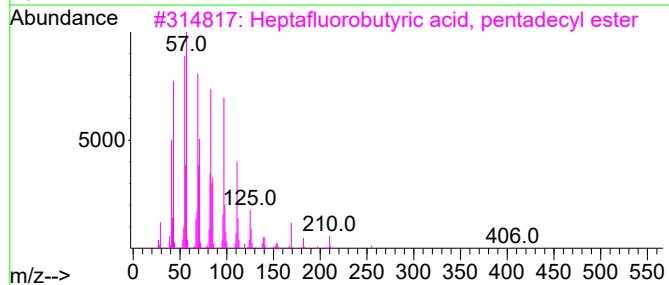
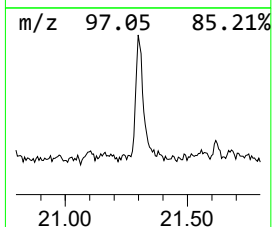
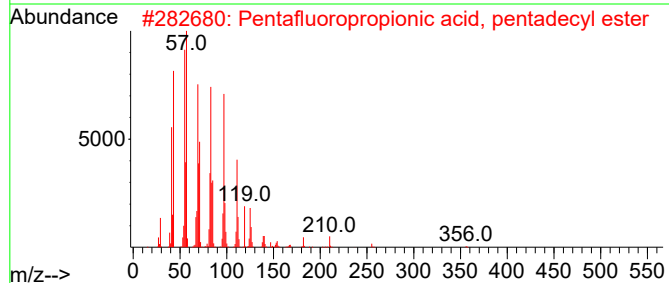
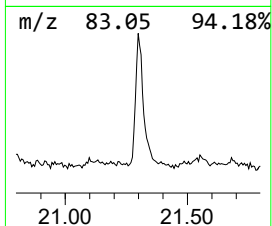
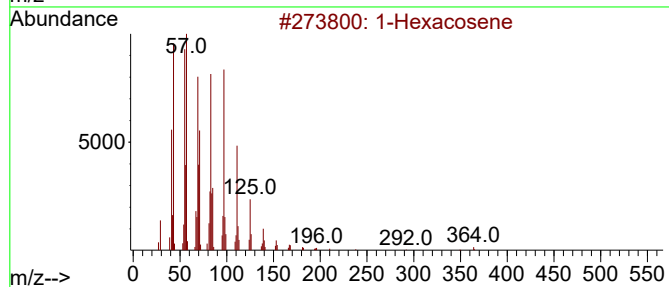
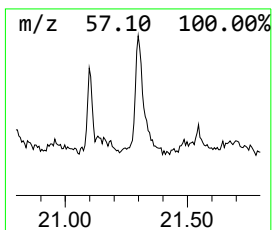
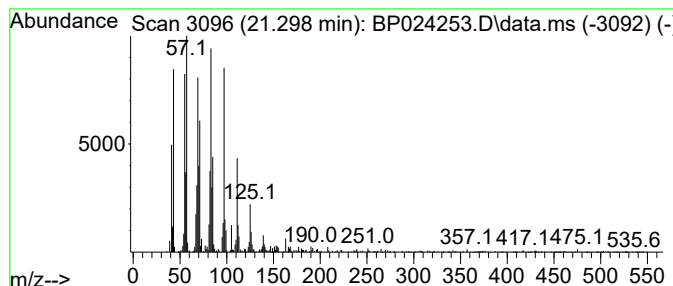
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Hexacosene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.298	3.10 ng	572196	Chrysene-d12	21.622

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene			364	C26H52	018835-33-1	94
2	Pentafluoropropionic acid, penta...			374	C18H31F5O2	959092-08-1	91
3	Heptafluorobutyric acid, pentade...			424	C19H31F7O2	959261-23-5	91
4	Pentacos-1-ene			350	C25H50	016980-85-1	91
5	Trifluoroacetic acid, pentadecyl...			324	C17H31F3O2	959010-23-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
Data File : BP024253.D
Acq On : 10 Apr 2025 15:17
Operator : RC/JU
Sample : Q1746-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-149-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.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-...	4.899	4.7	ng	348645	1	7.740	1473420	20.0
Hexanoic acid, ...	9.069	30.2	ng	2225210	1	7.740	1473420	20.0
Ethanol, 2-(2-b...	10.299	8.6	ng	884774	2	10.516	2051180	20.0
Ethanol, 2-[2-(...	13.922	2.3	ng	303139	3	14.375	2686860	20.0
Pentanoic acid,...	15.193	5.5	ng	746146	3	14.375	2686860	20.0
Benzophenone	15.757	3.5	ng	470488	3	14.375	2686860	20.0
1,2-Benzenedica...	17.481	2.4	ng	386521	4	17.175	3203940	20.0
1,4-Dibutyl ben...	17.839	4.5	ng	717564	4	17.175	3203940	20.0
n-Hexadecanoic ...	18.128	30.3	ng	4849310	4	17.175	3203940	20.0
Butyl citrate	19.339	5.6	ng	899305	4	17.175	3203940	20.0
Octadecanoic acid	19.451	50.0	ng	9229940	5	21.622	3693700	20.0
Adipic acid, bu...	19.592	67.4	ng	12449700	5	21.622	3693700	20.0
1-Hexacosene	21.298	3.1	ng	572196	5	21.622	3693700	20.0