

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
 Data File : BP024908.D
 Acq On : 11 Jun 2025 12:18
 Operator : RC/JU
 Sample : Q2176-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-25

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-BP060625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024908.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	307	312	321	rVB	245918	345050	3.72%	0.640%
2	5.243	385	392	412	rBV	2455094	3857736	41.55%	7.154%
3	6.819	653	660	682	rBV	2295706	3966164	42.72%	7.355%
4	7.613	788	795	804	rBV	741564	1185390	12.77%	2.198%
5	8.760	983	990	1010	rBV	1514720	2515237	27.09%	4.664%
6	10.384	1259	1266	1278	rBV	904865	1545590	16.65%	2.866%
7	12.860	1680	1687	1698	rBV	3566775	5493077	59.17%	10.186%
8	14.254	1916	1924	1940	rBV	1226901	2081236	22.42%	3.859%
9	15.648	2154	2161	2174	rBV	667270	1026520	11.06%	1.904%
10	15.777	2177	2183	2201	rVV	2853430	4583820	49.38%	8.500%
11	17.066	2395	2402	2414	rBV2	1677671	2469568	26.60%	4.579%
12	17.471	2465	2471	2482	rVB	326743	588769	6.34%	1.092%
13	18.013	2553	2563	2571	rBV	1135615	1803986	19.43%	3.345%
14	18.442	2633	2636	2641	rBV3	85649	133608	1.44%	0.248%
15	18.507	2641	2647	2657	rVB2	122796	294729	3.17%	0.547%
16	18.901	2709	2714	2728	rVB2	242821	483559	5.21%	0.897%
17	19.195	2759	2764	2769	rBV	139071	287750	3.10%	0.534%
18	19.242	2769	2772	2779	rVB2	101390	153381	1.65%	0.284%
19	19.342	2784	2789	2797	rBV	437442	811111	8.74%	1.504%
20	19.489	2810	2814	2822	rBV2	199516	236490	2.55%	0.439%
21	19.577	2825	2829	2832	rVV	136174	196689	2.12%	0.365%
22	19.613	2832	2835	2840	rVB	195297	241160	2.60%	0.447%
23	19.689	2844	2848	2853	rVB	167342	239435	2.58%	0.444%
24	19.795	2861	2866	2874	rVB	7921198	9283661	100.00%	17.215%
25	20.018	2898	2904	2909	rVB3	100281	236174	2.54%	0.438%
26	20.583	2997	3000	3006	rBV	162577	170743	1.84%	0.317%
27	21.042	3076	3078	3088	rVB2	201110	336206	3.62%	0.623%
28	21.165	3094	3099	3106	rBV2	485191	801502	8.63%	1.486%
29	21.501	3150	3156	3162	rBV	2386886	3641662	39.23%	6.753%
30	23.242	3449	3452	3462	rVB	425501	862400	9.29%	1.599%
31	24.771	3704	3712	3721	rVB	1658605	4055406	43.68%	7.520%

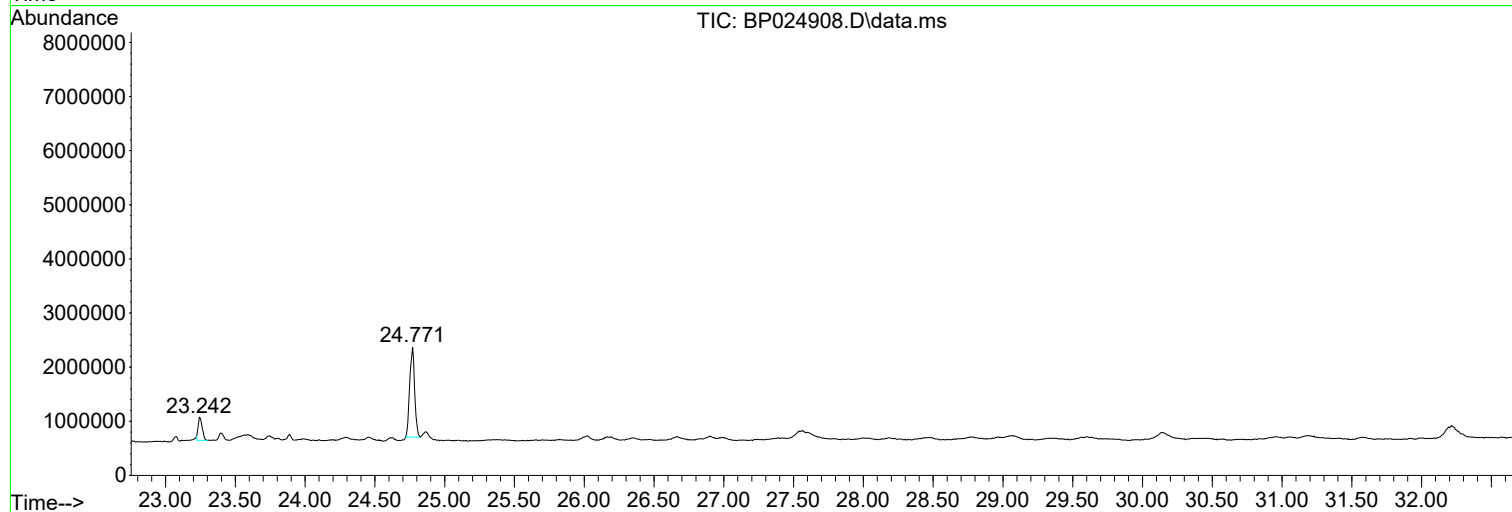
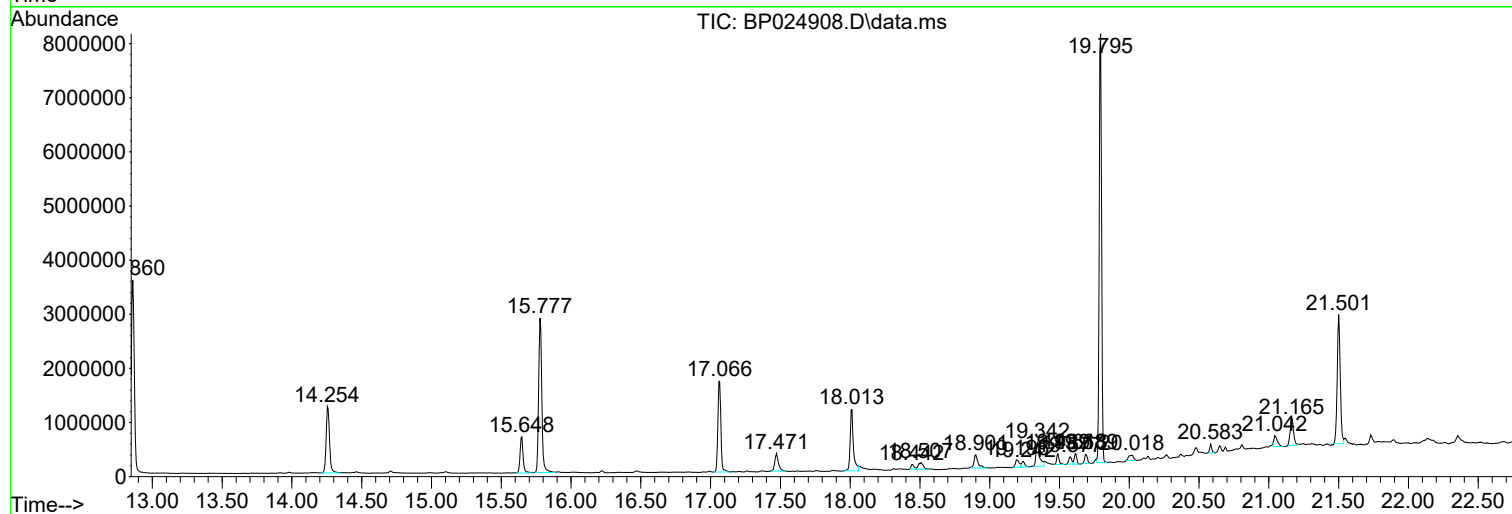
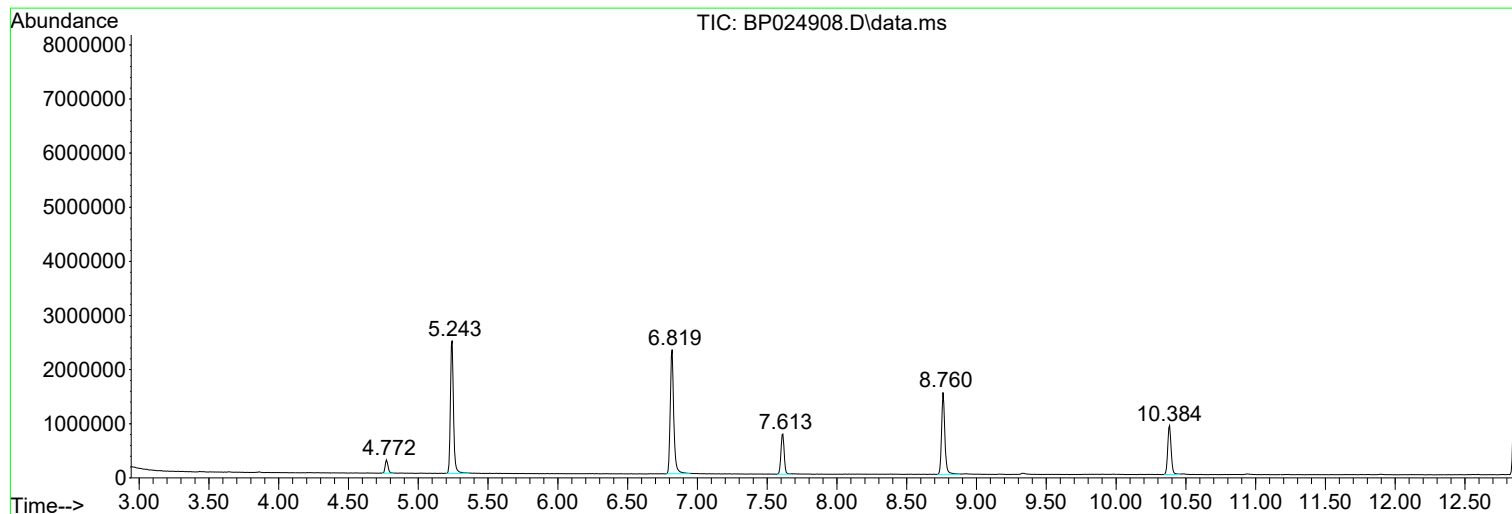
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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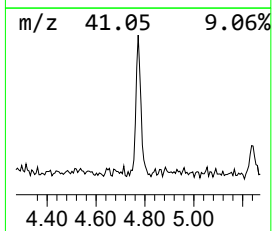
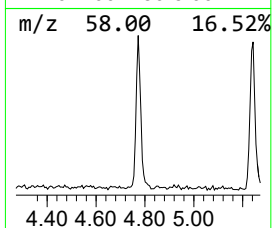
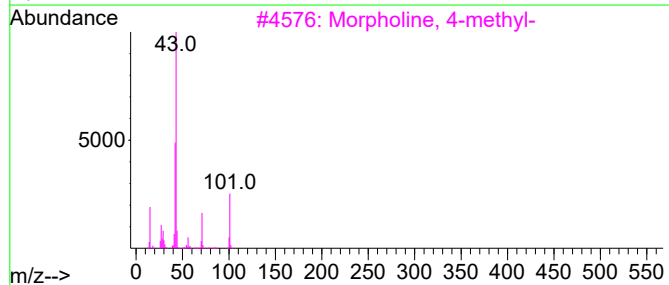
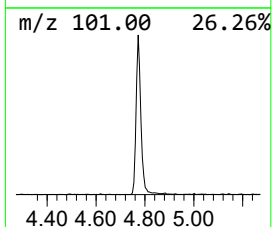
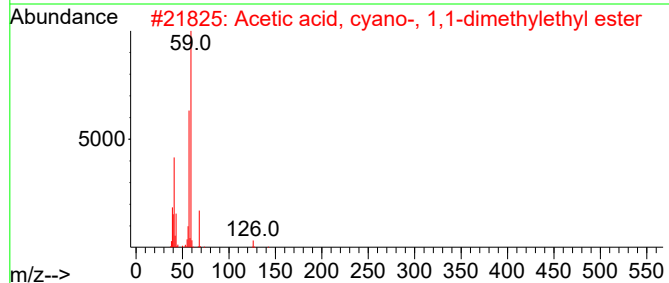
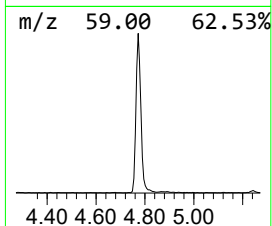
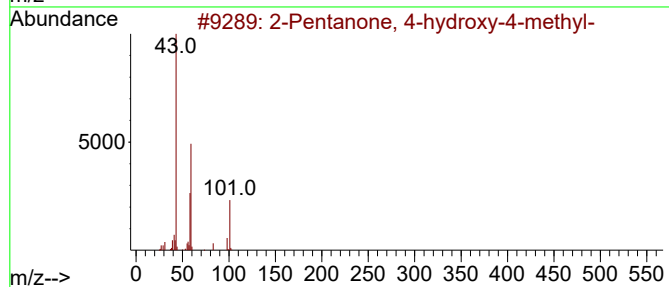
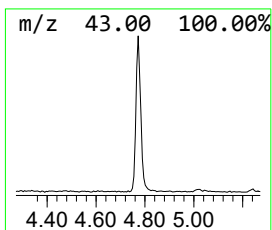
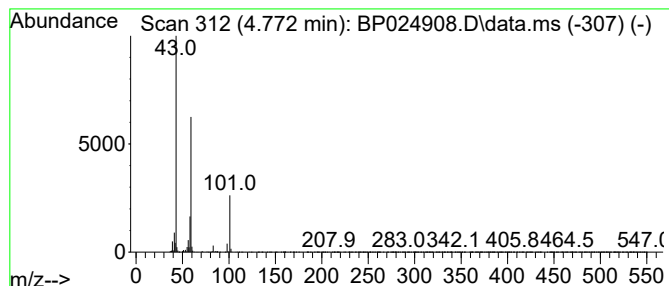
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	5.82 ng	345050	1,4-Dichlorobenzene-d4	7.613

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
4	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		



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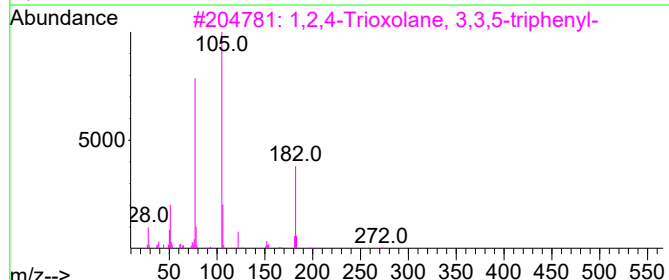
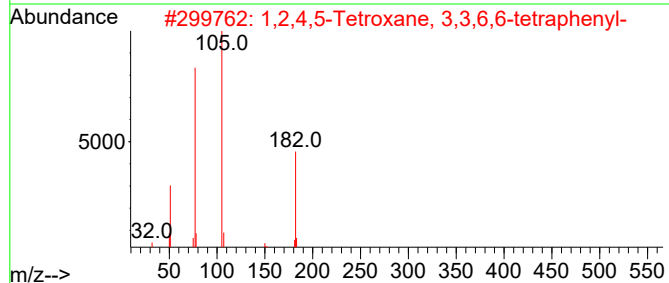
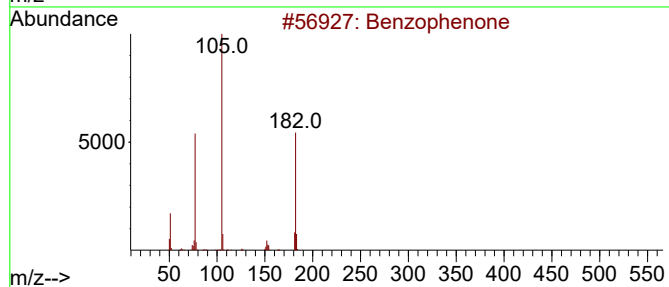
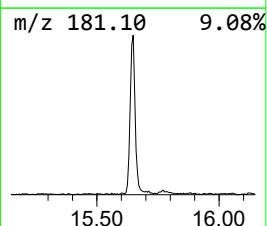
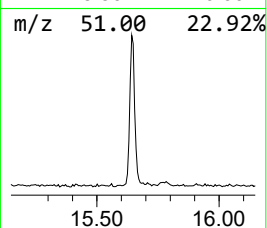
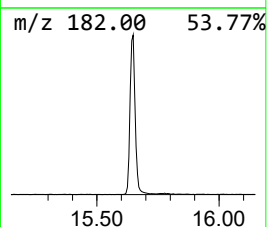
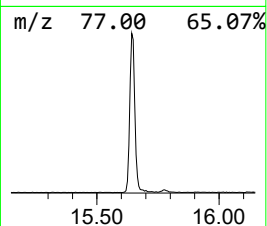
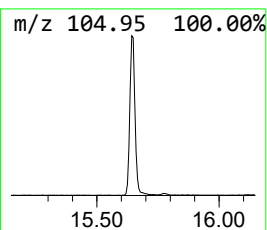
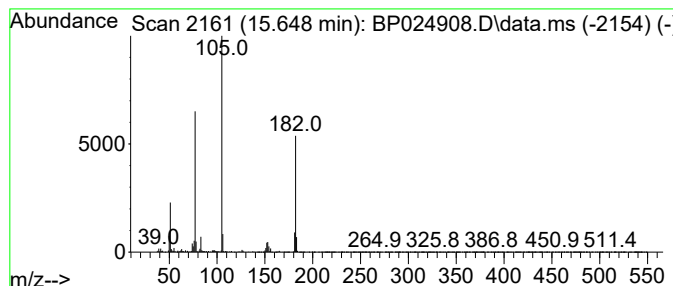
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.648	9.86 ng	1026520	Acenaphthene-d10	14.254

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	50
4			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5			Azobenzene	182	C12H10N2	000103-33-3	42



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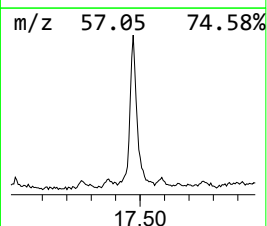
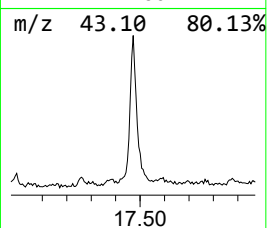
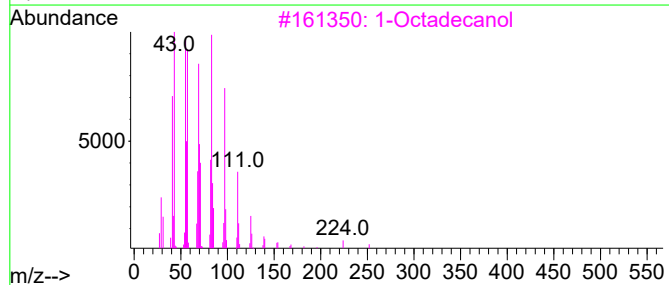
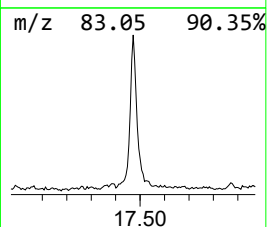
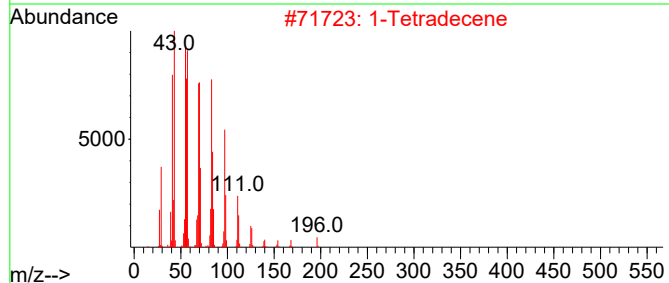
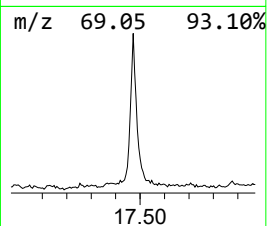
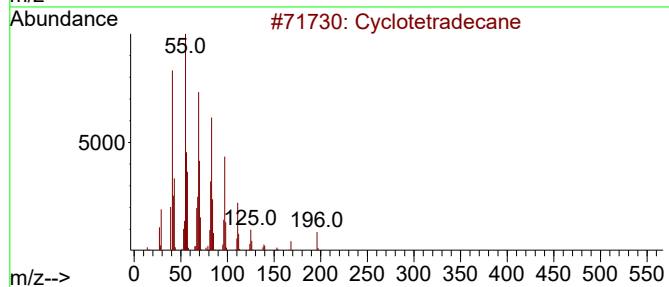
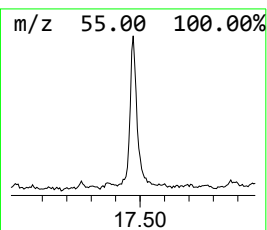
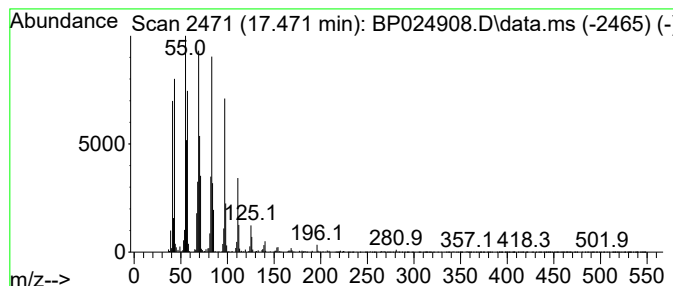
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Peak Number 3 Cyclotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.471	4.77 ng	588769	Phenanthrene-d10	17.066

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	95
2			1-Tetradecene	196	C14H28	001120-36-1	95
3			1-Octadecanol	270	C18H38O	000112-92-5	94
4			n-Heptadecanol-1	256	C17H36O	001454-85-9	94
5			2-Tetradecene, (E)-	196	C14H28	035953-54-9	93



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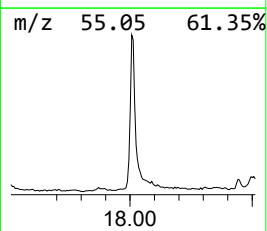
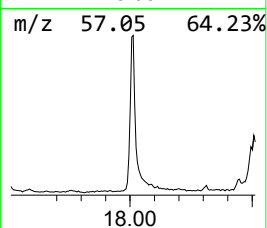
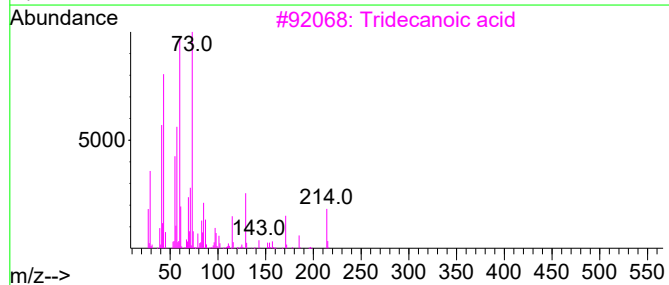
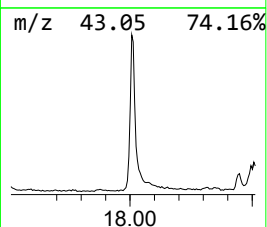
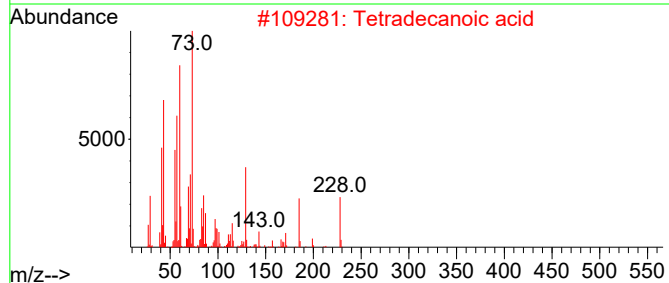
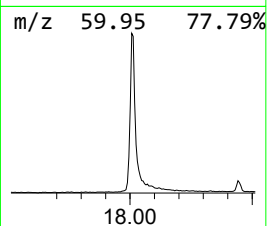
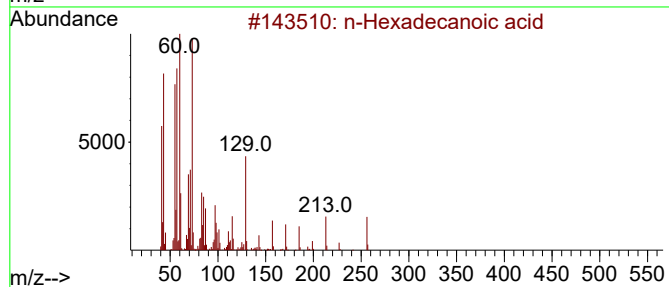
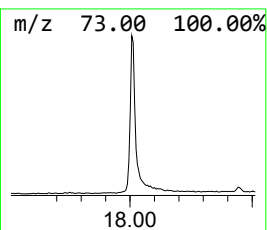
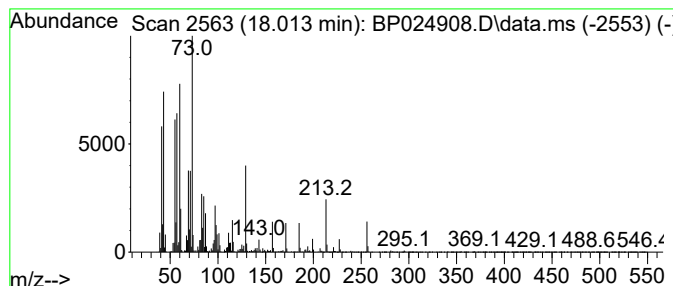
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.013	14.61 ng	1803990	Phenanthrene-d10		17.066	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	93
3	Tridecanoic acid		214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
5	Octadecanoic acid		284	C18H36O2	000057-11-4	76



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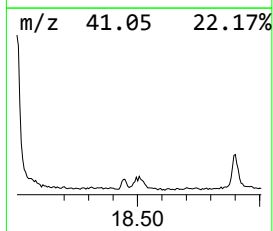
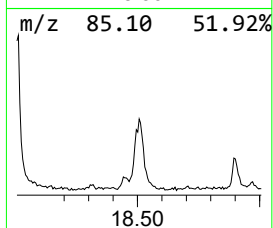
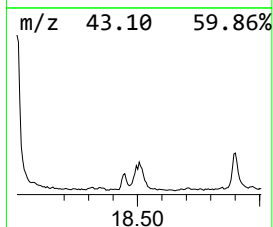
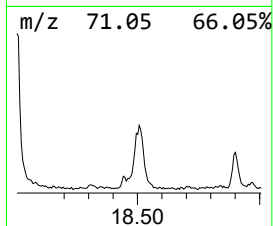
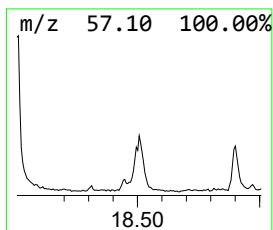
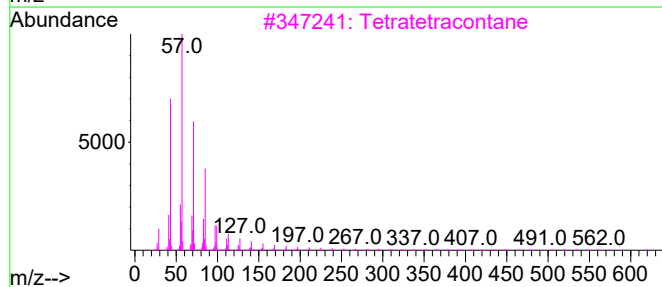
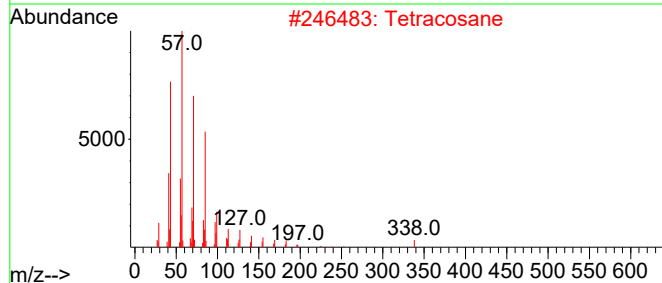
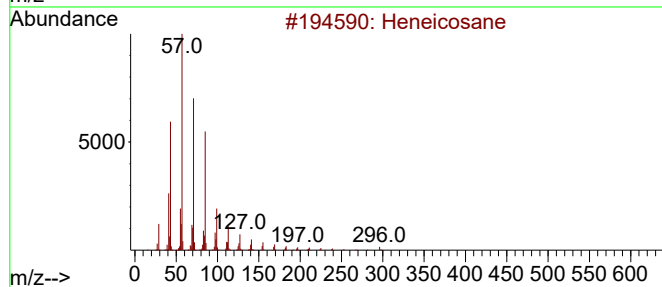
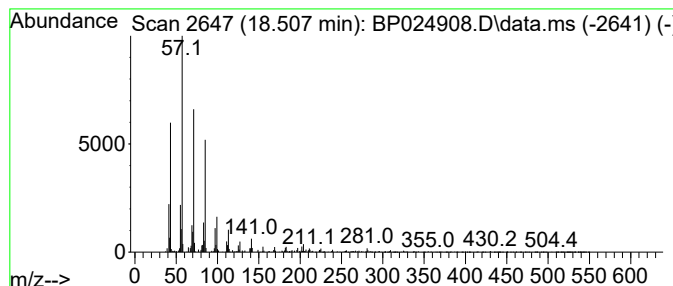
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Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.507	2.39 ng	294729	Phenanthrene-d10	17.066

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	87
2			Tetracosane	338	C24H50	000646-31-1	86
3			Tetratetracontane	619	C44H90	007098-22-8	76
4			Eicosane	282	C20H42	000112-95-8	76
5			Hexacosane	366	C26H54	000630-01-3	76



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TP-25

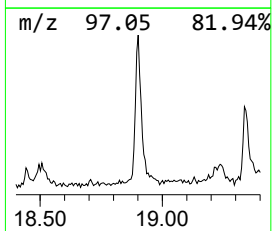
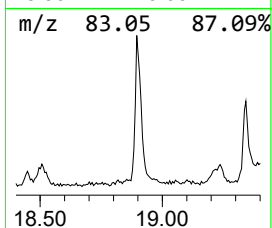
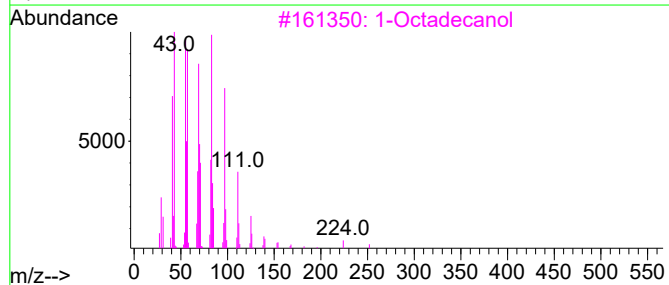
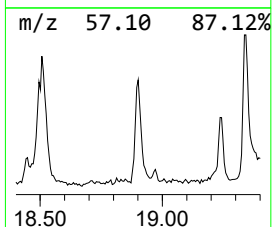
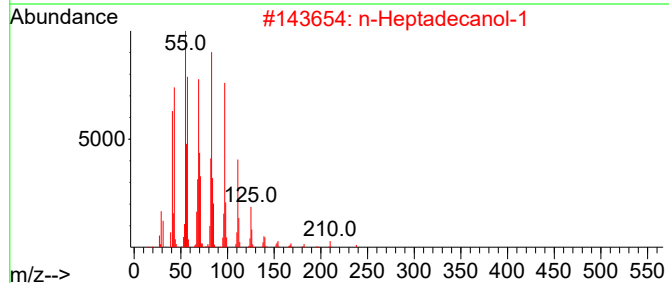
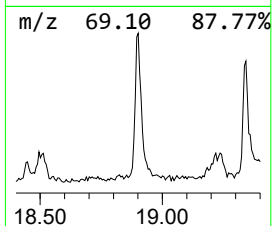
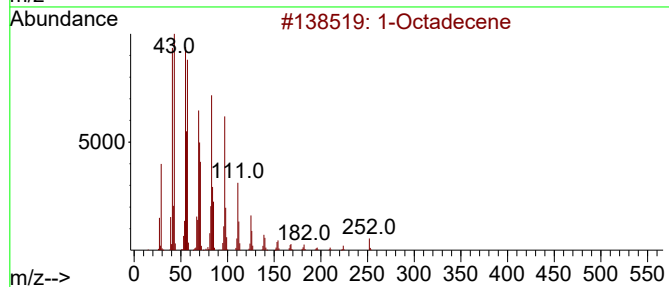
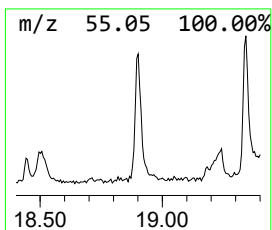
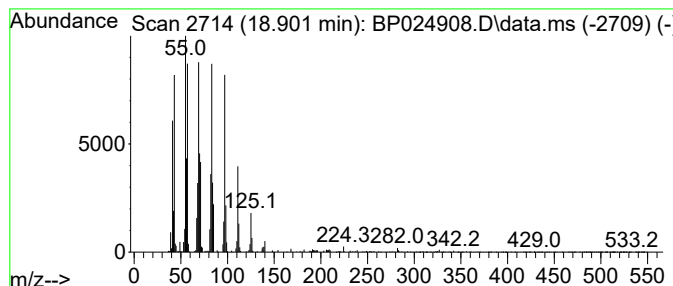
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Octadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.901	3.92 ng	483559	Phenanthrene-d10	17.066

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	99
2			n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3			1-Octadecanol	270	C18H38O	000112-92-5	94
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024908.D
Acq On : 11 Jun 2025 12:18
Operator : RC/JU
Sample : Q2176-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-25

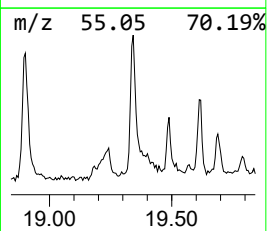
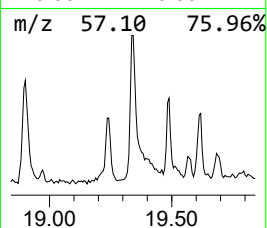
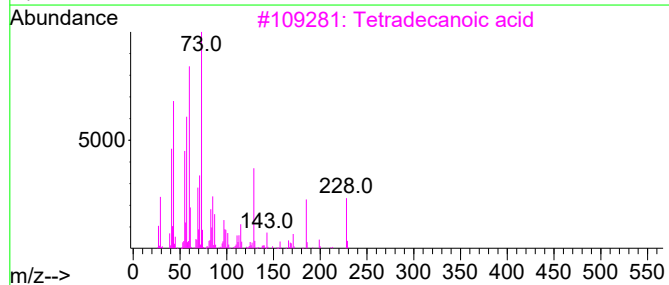
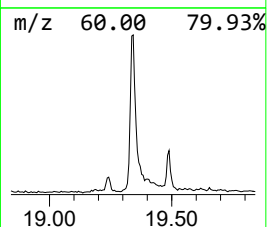
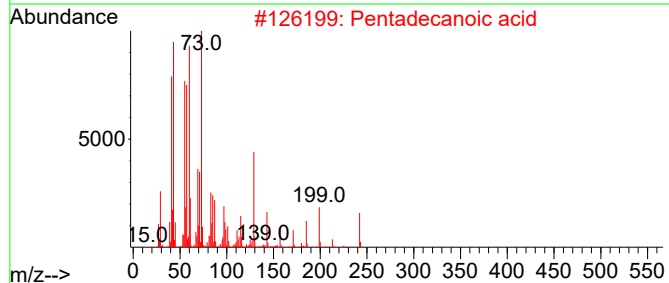
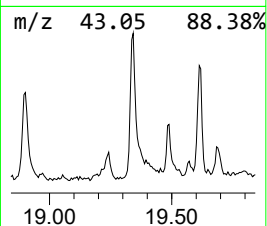
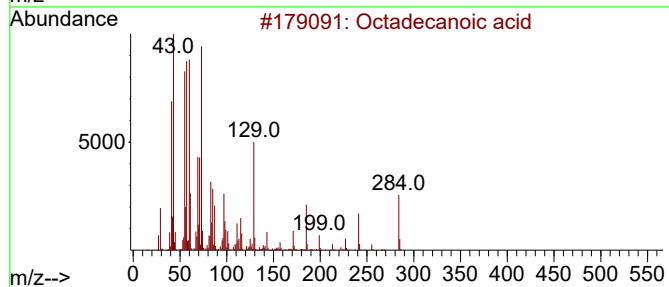
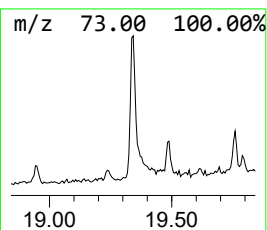
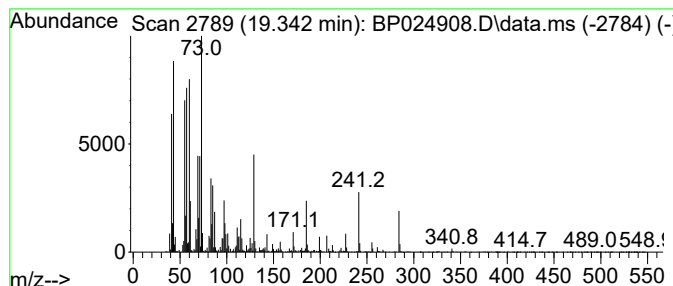
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.342	4.45 ng	811111	Chrysene-d12	21.501

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	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024908.D
Acq On : 11 Jun 2025 12:18
Operator : RC/JU
Sample : Q2176-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-25

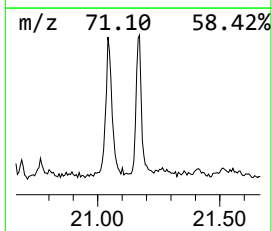
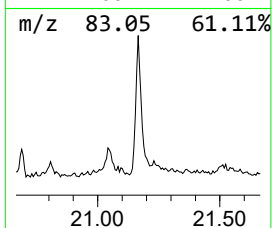
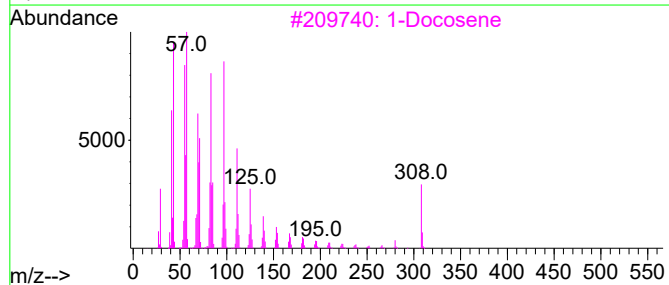
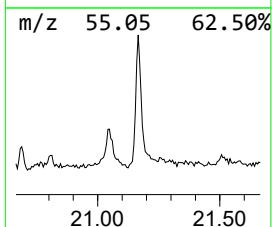
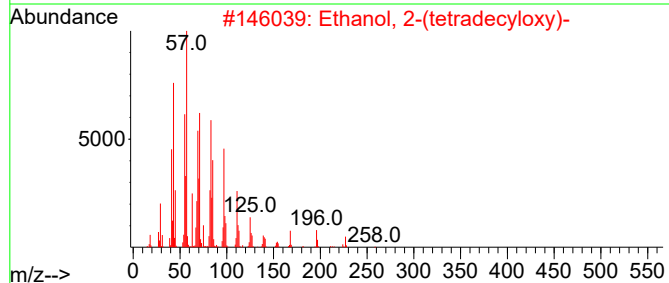
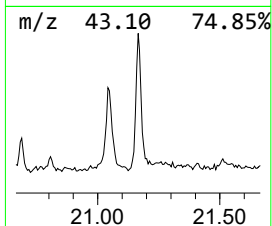
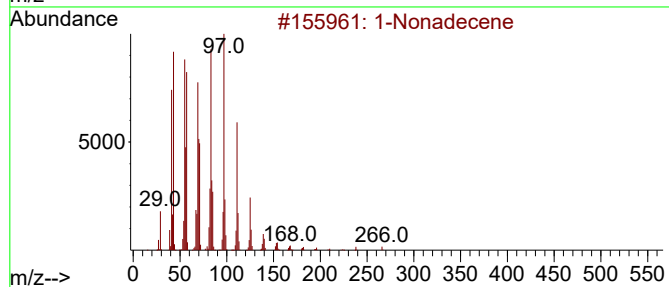
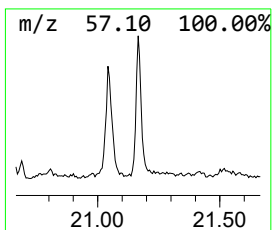
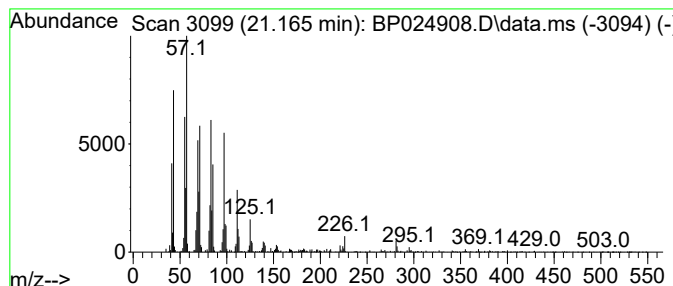
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.165	4.40 ng	801502	Chrysene-d12	21.501

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	97
2	Ethanol, 2-(tetradecyloxy)-			258	C16H34O2	002136-70-1	96
3	1-Docosene			308	C22H44	001599-67-3	95
4	Pentadecafluorooctanoic acid, oc...			666	C26H37F15O2	1000406-04-8	95
5	Pentadecafluorooctanoic acid, he...			638	C24H33F15O2	1000406-04-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024908.D
Acq On : 11 Jun 2025 12:18
Operator : RC/JU
Sample : Q2176-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-25

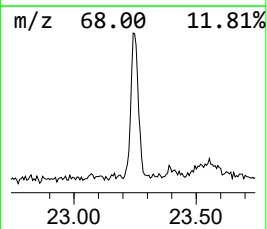
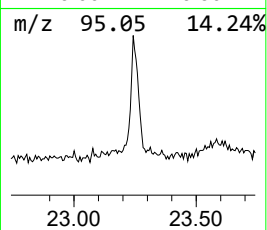
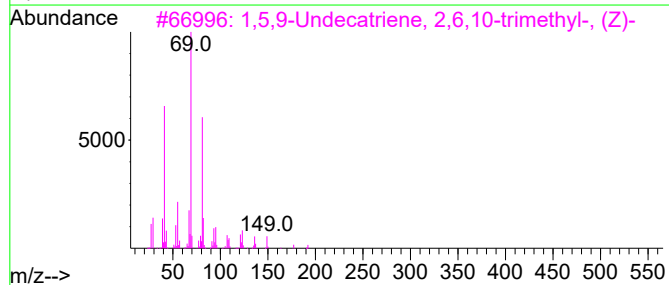
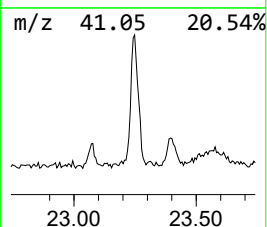
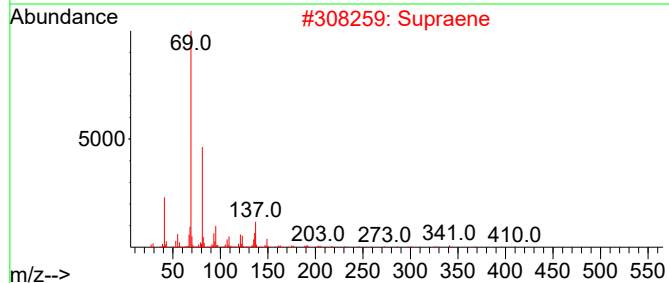
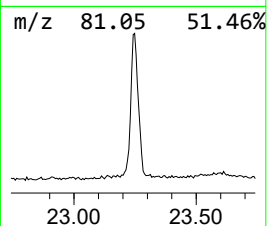
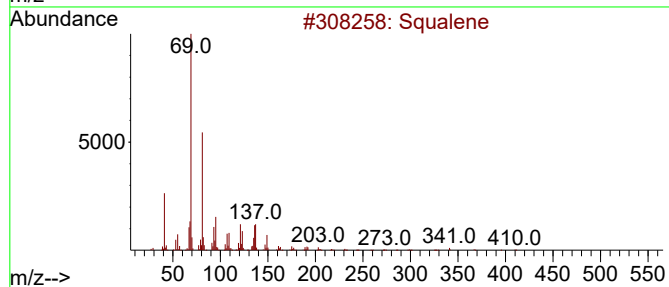
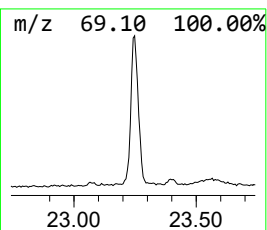
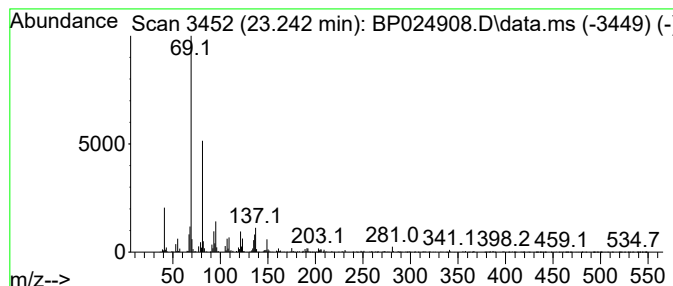
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.242	4.25 ng	862400	Perylene-d12	24.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	91
2			Supraene	410	C30H50	007683-64-9	90
3			1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
4			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	76
5			4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024908.D
Acq On : 11 Jun 2025 12:18
Operator : RC/JU
Sample : Q2176-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-25

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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-...	4.772	5.8	ng	345050	1	7.613	1185390	20.0
Benzophenone	15.648	9.9	ng	1026520	3	14.254	2081240	20.0
Cyclotetradecane	17.471	4.8	ng	588769	4	17.066	2469570	20.0
n-Hexadecanoic ...	18.013	14.6	ng	1803990	4	17.066	2469570	20.0
Heneicosane	18.507	2.4	ng	294729	4	17.066	2469570	20.0
1-Octadecene	18.901	3.9	ng	483559	4	17.066	2469570	20.0
Octadecanoic acid	19.342	4.5	ng	811111	5	21.501	3641660	20.0
1-Nonadecene	21.165	4.4	ng	801502	5	21.501	3641660	20.0
Squalene	23.242	4.3	ng	862400	6	24.771	4055410	20.0