

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
 Data File : BP026265.D
 Acq On : 09 Dec 2025 17:39
 Operator : RC/JU
 Sample : Q3801-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL#1

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026265.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.819	314	320	329	rVB	683162	933785	10.99%	1.433%
2	5.278	392	398	413	rBV	2518958	3938607	46.35%	6.043%
3	6.837	653	663	681	rBV	2459550	4143308	48.76%	6.357%
4	7.649	795	801	810	rBV	896158	1415995	16.66%	2.172%
5	8.790	986	995	1007	rBV	1656241	2647845	31.16%	4.062%
6	10.413	1264	1271	1279	rBV	1211503	2055527	24.19%	3.154%
7	12.060	1543	1551	1565	rBV4	25605	102454	1.21%	0.157%
8	12.889	1684	1692	1704	rBV	3530753	6081996	71.57%	9.331%
9	13.554	1798	1805	1809	rBV3	88306	154679	1.82%	0.237%
10	13.613	1809	1815	1820	rVB2	84131	140929	1.66%	0.216%
11	14.119	1888	1901	1909	rBV3	108742	341951	4.02%	0.525%
12	14.284	1918	1929	1938	rBV	1944024	2898562	34.11%	4.447%
13	15.595	2148	2152	2157	rVB2	106185	134813	1.59%	0.207%
14	15.666	2157	2164	2173	rBV	398180	644244	7.58%	0.988%
15	15.801	2180	2187	2199	rBV	3238697	5037629	59.28%	7.729%
16	17.095	2400	2407	2411	rBV	2136178	3187483	37.51%	4.890%
17	17.136	2411	2414	2419	rVB	257424	323122	3.80%	0.496%
18	17.513	2473	2478	2483	rVB	56322	91407	1.08%	0.140%
19	17.972	2552	2556	2562	rBV2	149991	261649	3.08%	0.401%
20	18.048	2562	2569	2587	rVV	2210814	3963831	46.65%	6.081%
21	18.560	2652	2656	2661	rVB	92993	141938	1.67%	0.218%
22	19.089	2743	2746	2755	rVB3	58012	128246	1.51%	0.197%
23	19.183	2759	2762	2764	rBV2	90474	117403	1.38%	0.180%
24	19.224	2764	2769	2776	rVV	700574	1209067	14.23%	1.855%
25	19.383	2791	2796	2808	rBV	1804658	2777447	32.69%	4.261%
26	19.601	2824	2833	2842	rVB	613288	1073052	12.63%	1.646%
27	19.830	2865	2872	2882	rVB	5621408	8497534	100.00%	13.037%
28	20.330	2954	2957	2962	rVB3	81611	100358	1.18%	0.154%
29	20.513	2984	2988	2992	rBV	676460	817118	9.62%	1.254%
30	20.548	2992	2994	3005	rVB5	189875	279162	3.29%	0.428%
31	21.213	3103	3107	3112	rBV3	526510	777183	9.15%	1.192%
32	21.530	3154	3161	3166	rBV	2332286	4255108	50.07%	6.528%
33	21.577	3166	3169	3183	rVB	470641	837242	9.85%	1.285%
34	22.448	3314	3317	3328	rVB4	269557	505744	5.95%	0.776%
35	24.012	3580	3583	3588	rBV	212357	323832	3.81%	0.497%
36	24.818	3712	3720	3729	rVB	1479300	3734746	43.95%	5.730%

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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-BP111825.M
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37	26.212	3952	3957	3967	rVB	411450	1104945	13.00%	1.695%
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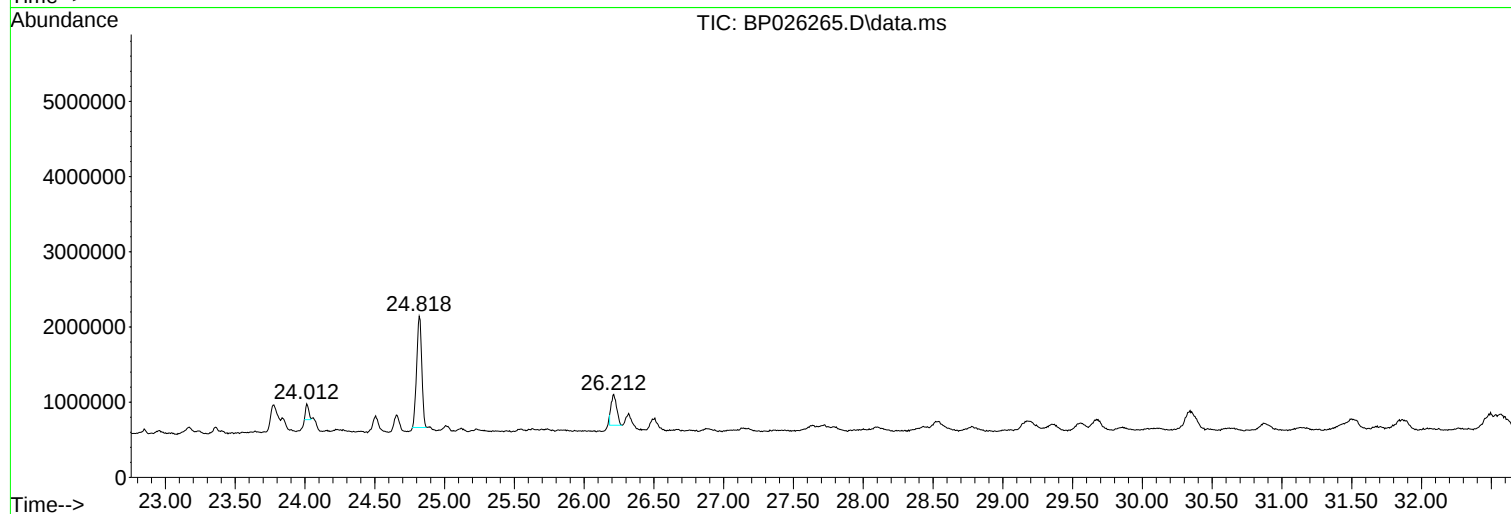
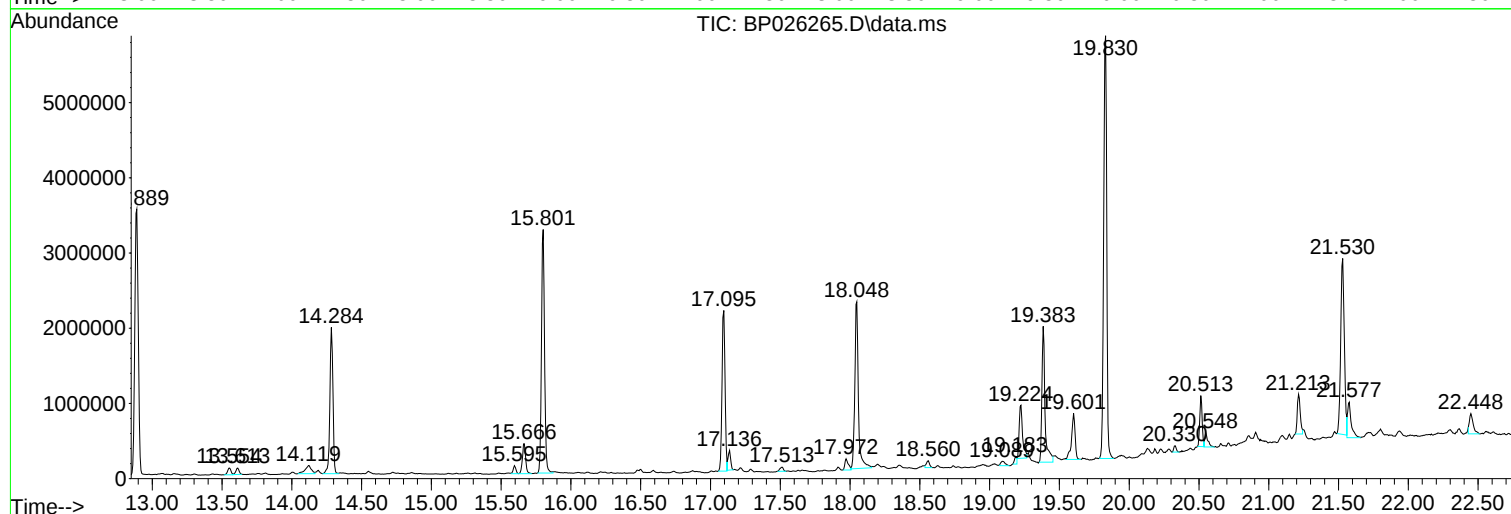
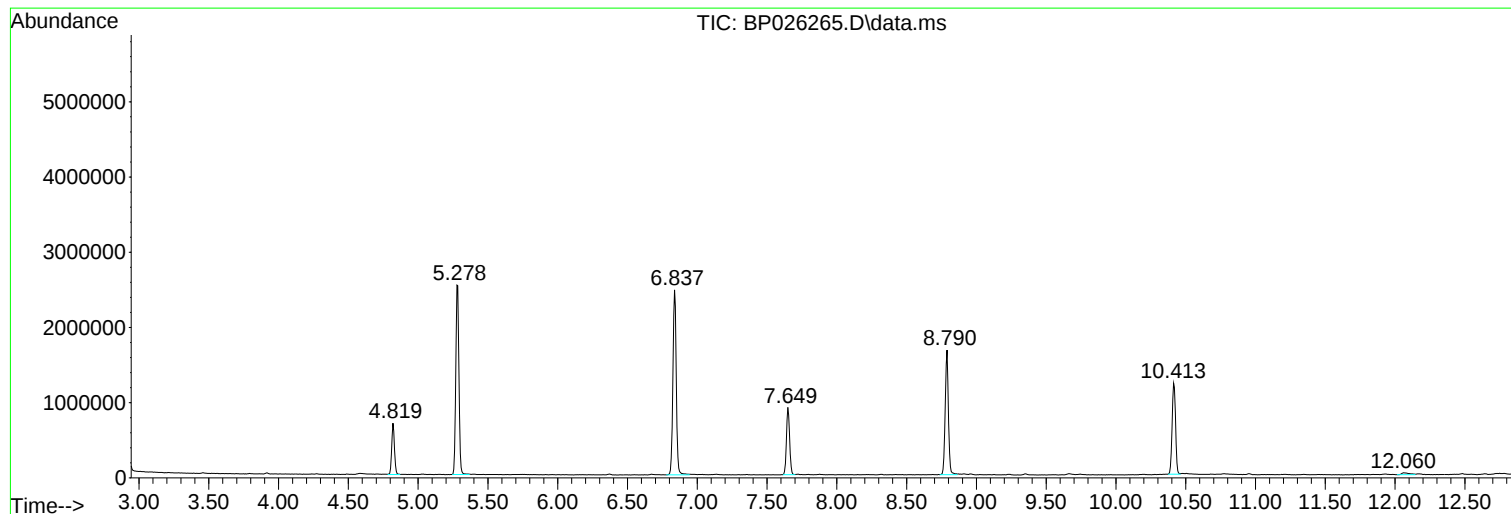
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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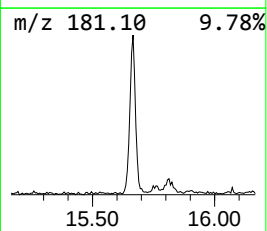
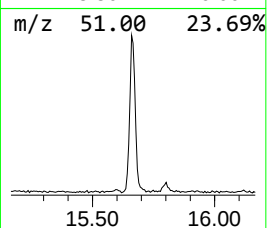
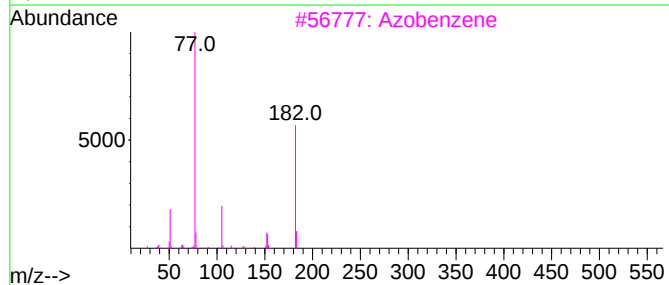
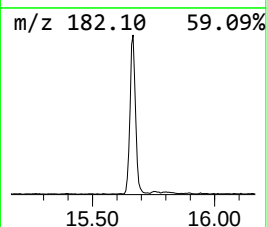
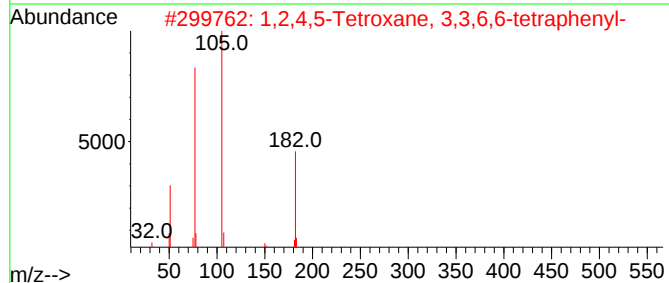
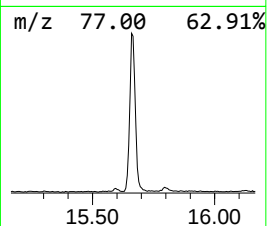
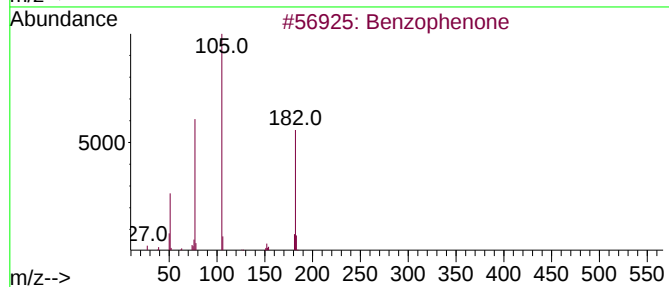
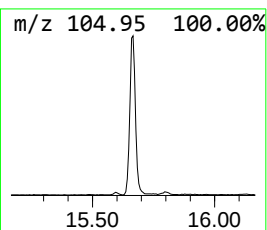
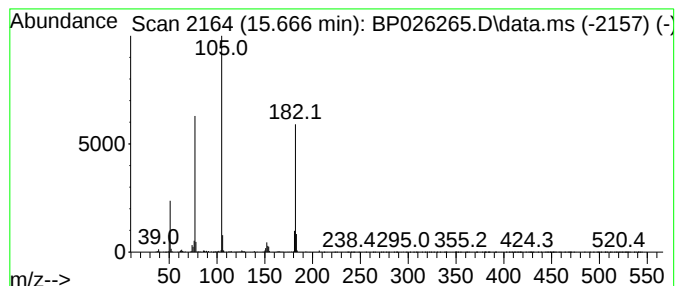
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.666	4.45 ng	644244	Acenaphthene-d10	14.284

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			Azobenzene	182	C12H10N2	000103-33-3	47
4			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	27



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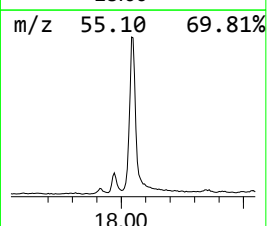
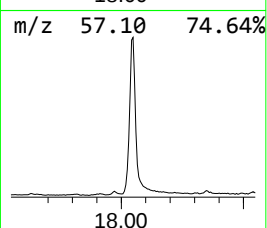
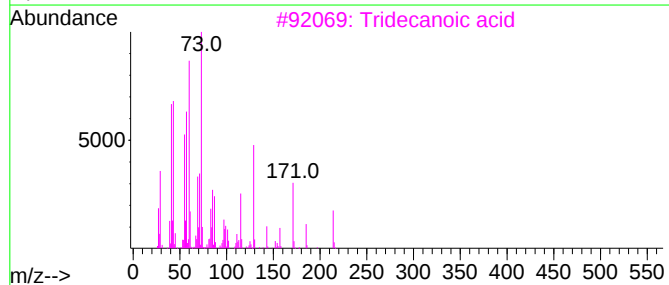
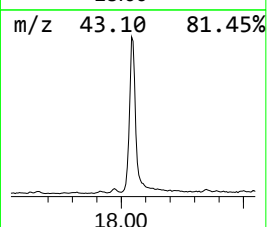
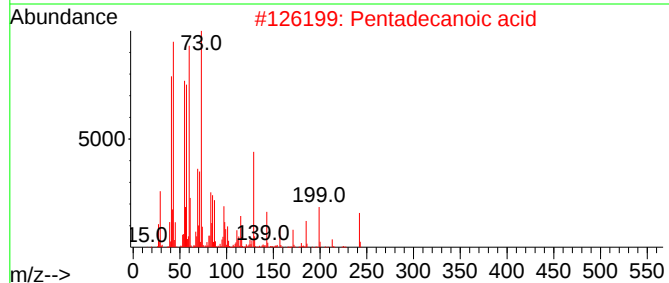
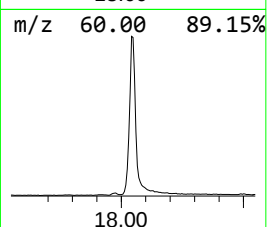
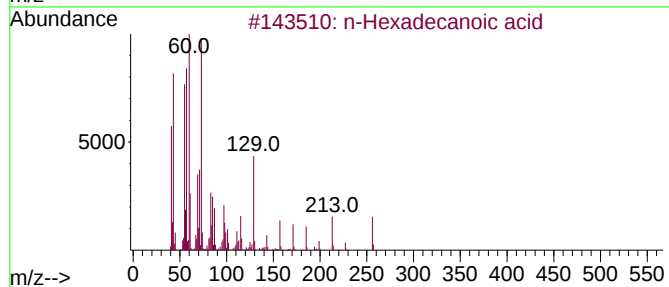
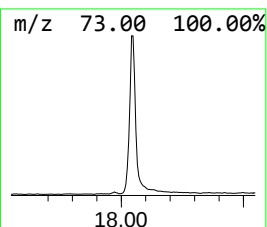
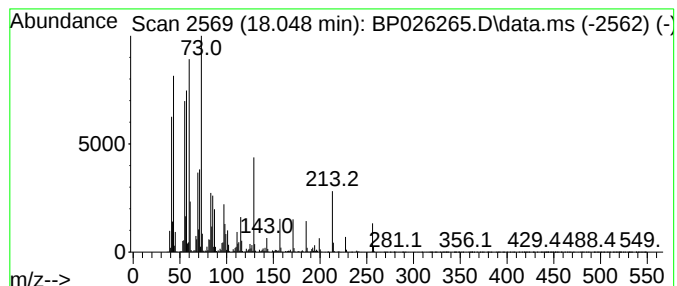
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.048	24.87 ng	3963830	Phenanthrene-d10	17.095

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	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	92
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



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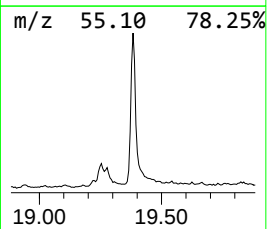
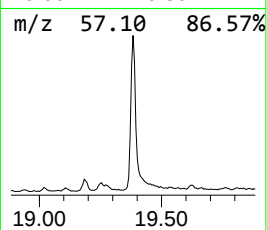
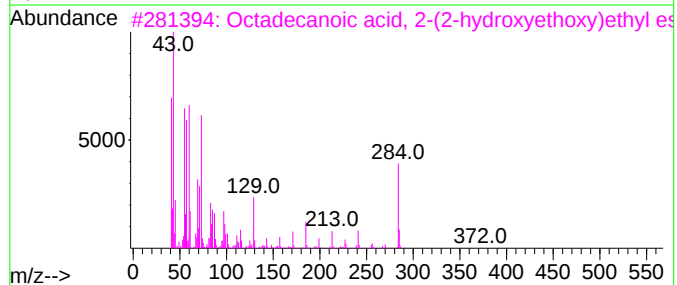
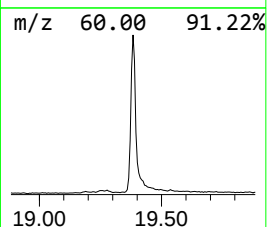
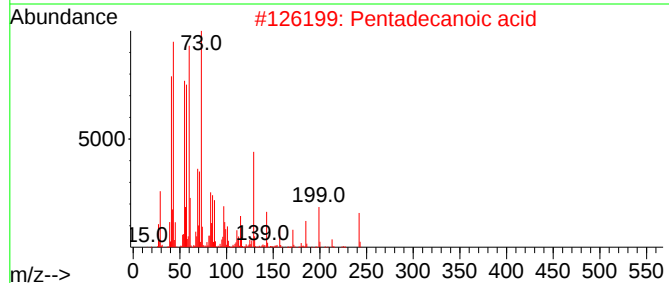
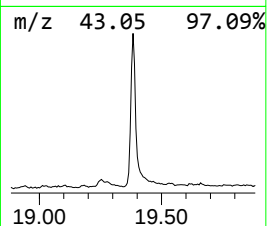
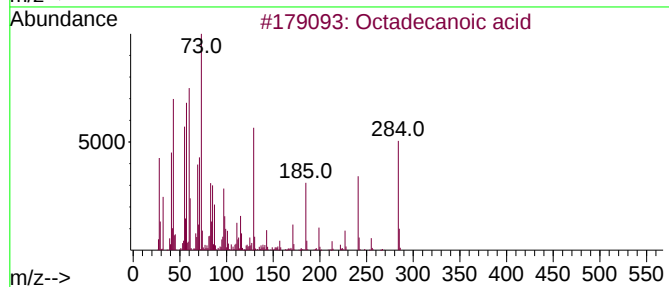
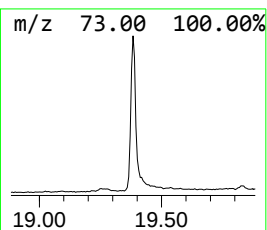
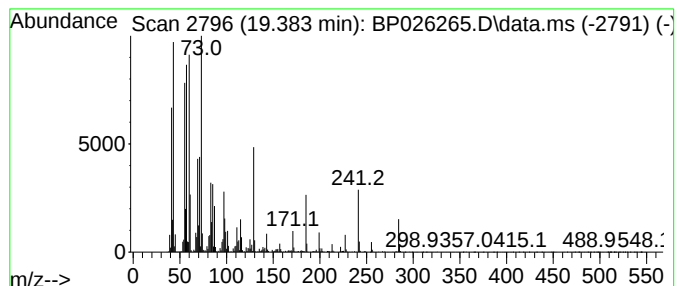
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.383	13.05 ng	2777450	Chrysene-d12	21.530

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	93
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83



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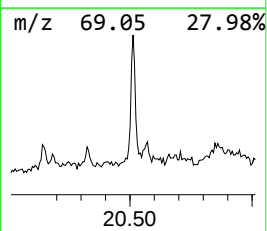
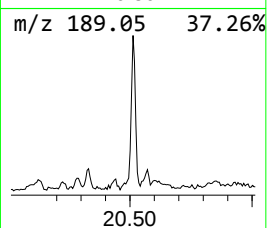
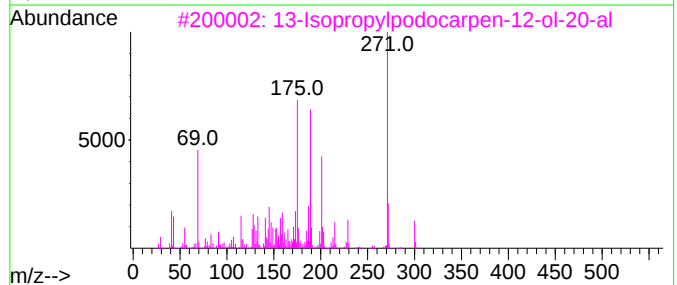
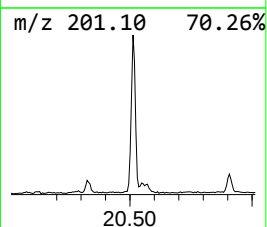
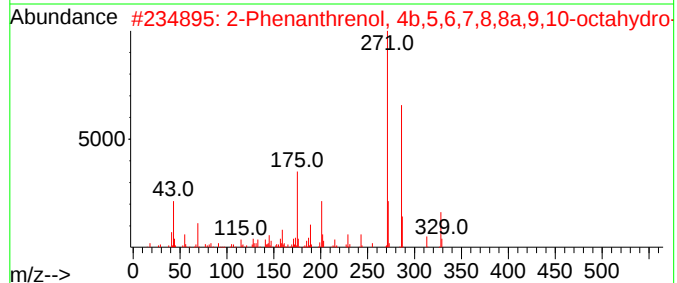
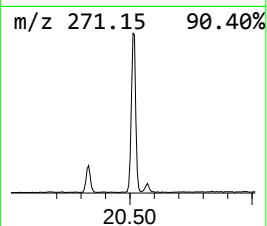
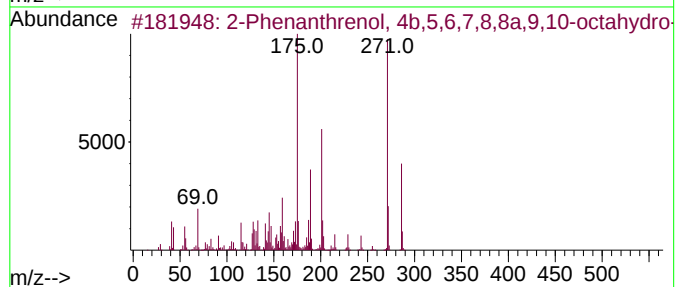
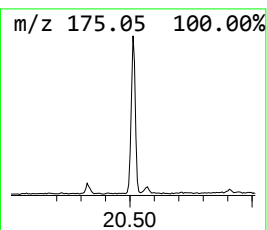
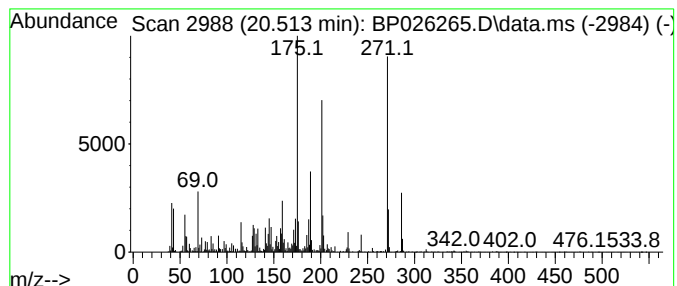
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Peak Number 6 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.513	3.84 ng	817118	Chrysene-d12	21.530	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	91
3	13-Isopropylpodocarpin-12-ol-20-al	300	C20H28O2	024035-37-8	43
4	Pisiferol	302	C20H30O2	024035-36-7	43
5	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	35



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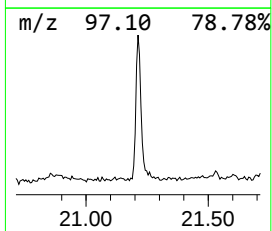
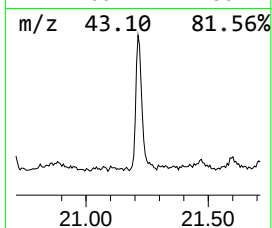
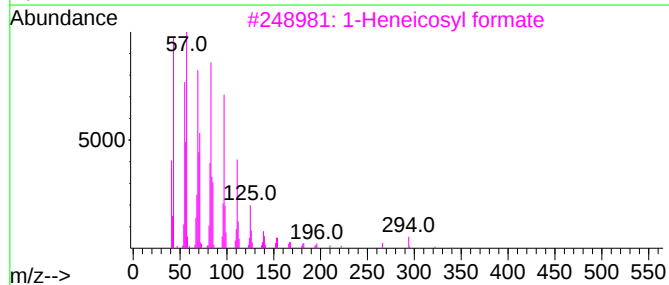
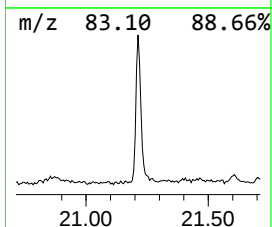
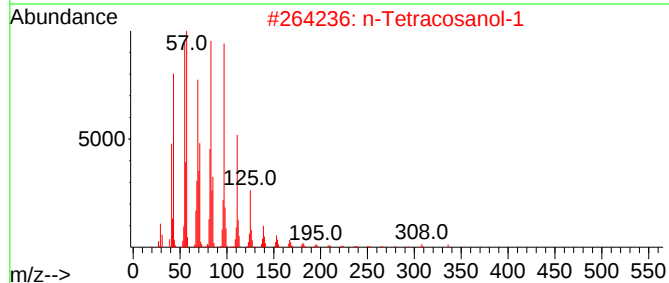
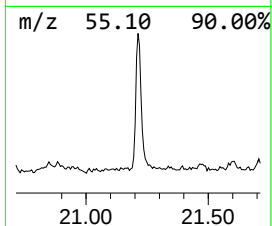
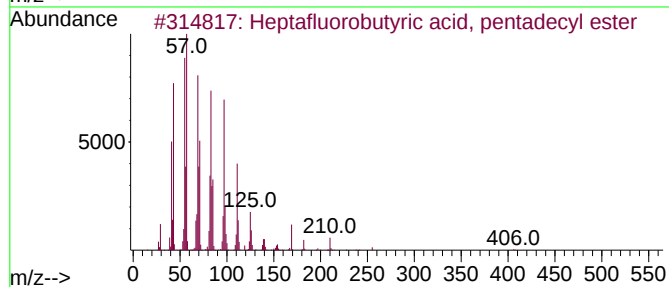
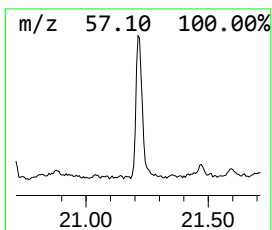
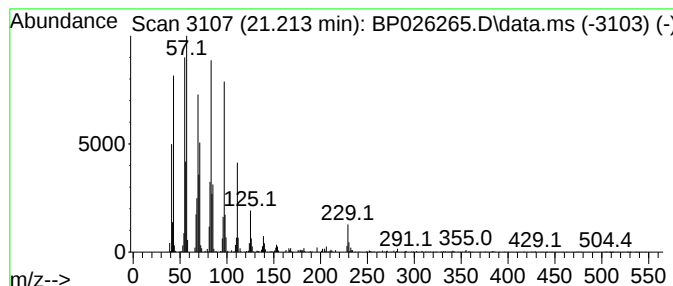
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptafluorobutyric acid, pe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.213	3.65 ng	777183	Chrysene-d12	21.530	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026265.D
Acq On : 09 Dec 2025 17:39
Operator : RC/JU
Sample : Q3801-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL#1

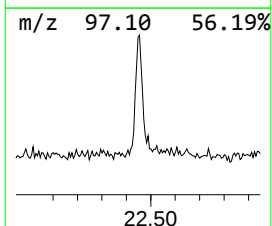
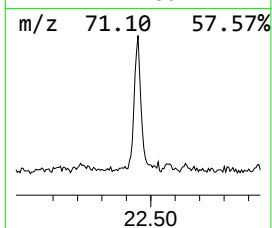
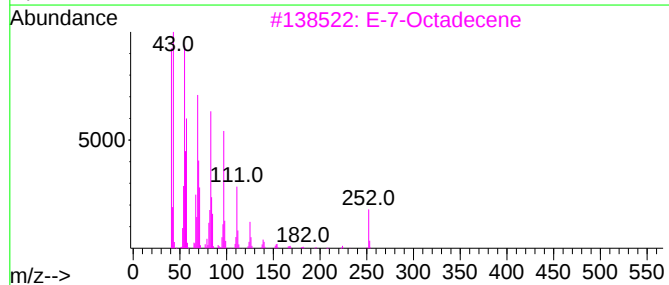
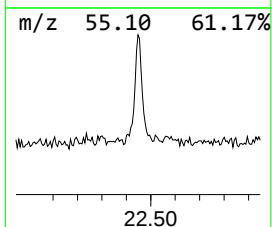
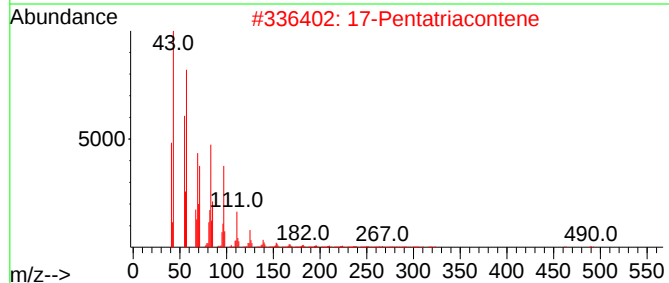
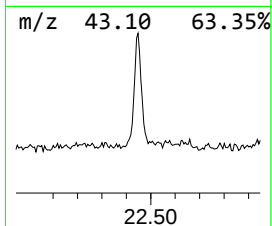
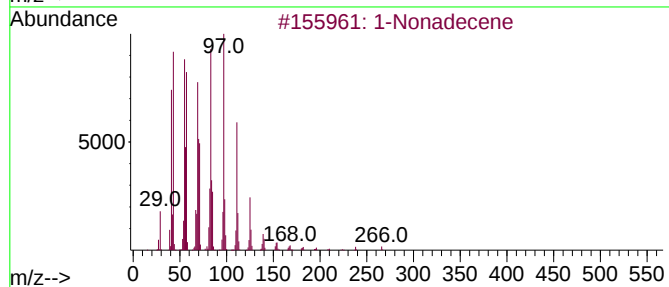
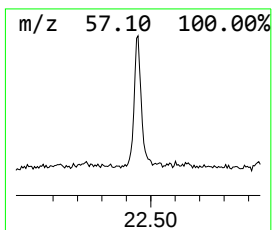
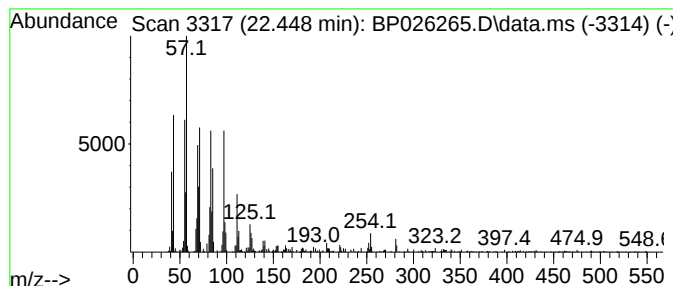
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.448	2.38 ng	505744	Chrysene-d12	21.530

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	96
2			17-Pentatriacontene	491	C35H70	006971-40-0	94
3			E-7-Octadecene	252	C18H36	1000130-92-0	91
4			1-Hexacosanol	382	C26H54O	000506-52-5	90
5			Nonacos-1-ene	406	C29H58	018835-35-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026265.D
Acq On : 09 Dec 2025 17:39
Operator : RC/JU
Sample : Q3801-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL#1

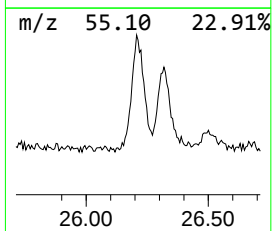
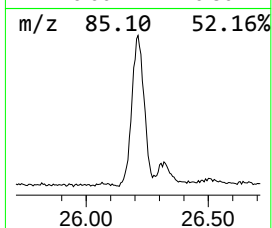
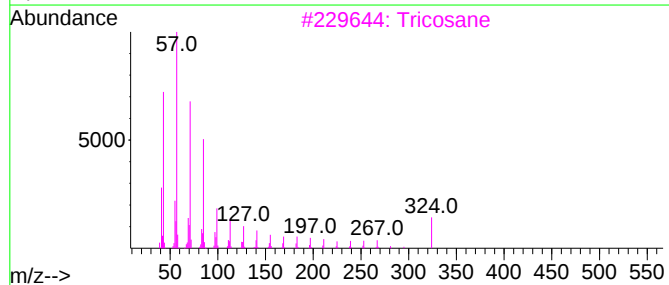
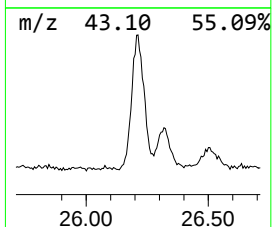
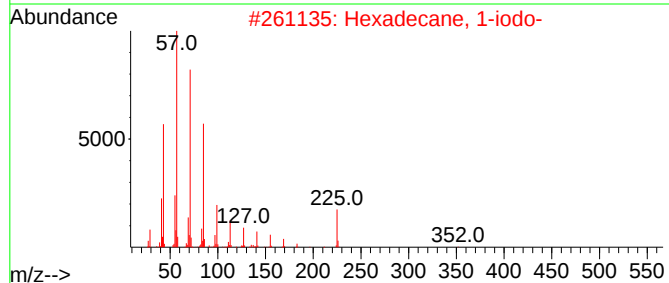
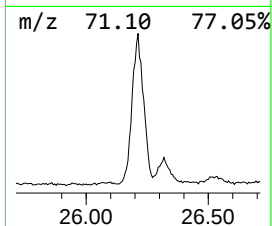
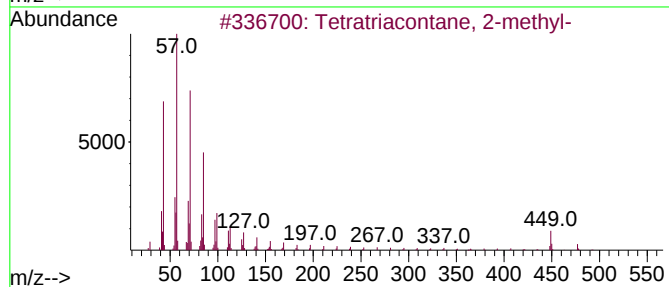
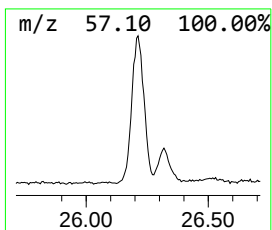
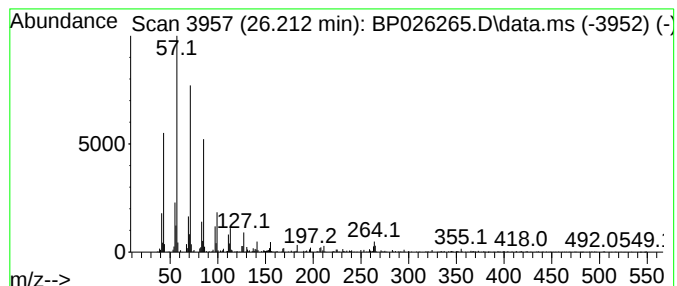
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetratriacontane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.212	5.92 ng	1104950	Perylene-d12	24.818

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane, 2-methyl-	493	C35H72	014167-65-8	93
2			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
3			Tricosane	324	C23H48	000638-67-5	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026265.D
Acq On : 09 Dec 2025 17:39
Operator : RC/JU
Sample : Q3801-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL#1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.666	4.5	ng	644244	3	14.284	2898560	20.0
n-Hexadecanoic ...	18.048	24.9	ng	3963830	4	17.095	3187480	20.0
Octadecanoic acid	19.383	13.1	ng	2777450	5	21.530	4255110	20.0
2-Phenanthrenol...	20.513	3.8	ng	817118	5	21.530	4255110	20.0
Heptafluorobuty...	21.213	3.6	ng	777183	5	21.530	4255110	20.0
1-Nonadecene	22.448	2.4	ng	505744	5	21.530	4255110	20.0
Tetratriacontan...	26.212	5.9	ng	1104950	6	24.818	3734750	20.0