

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
 Data File : BP026267.D
 Acq On : 09 Dec 2025 19:01
 Operator : RC/JU
 Sample : Q3801-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL#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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026267.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.820	315	320	329	rVB	475009	650198	9.15%	1.256%
2	5.278	391	398	413	rBV	1911519	2814264	39.60%	5.438%
3	6.837	651	663	676	rBV	1734783	2925779	41.17%	5.654%
4	7.649	794	801	808	rBV	773982	1169665	16.46%	2.260%
5	8.784	985	994	1006	rBV	1018320	1857434	26.14%	3.589%
6	10.408	1263	1270	1279	rBV	969752	1686295	23.73%	3.259%
7	12.884	1684	1691	1705	rBV	2988017	4575464	64.39%	8.842%
8	13.543	1799	1803	1808	rBV3	100528	148665	2.09%	0.287%
9	14.113	1894	1900	1909	rVB2	89083	190389	2.68%	0.368%
10	14.278	1920	1928	1936	rBV	1445436	2373865	33.40%	4.587%
11	15.590	2146	2151	2156	rVB2	78474	106770	1.50%	0.206%
12	15.666	2157	2164	2173	rBV	312772	512793	7.22%	0.991%
13	15.790	2179	2185	2208	rVB	2536383	3897723	54.85%	7.532%
14	16.484	2296	2303	2309	rBV5	40765	84009	1.18%	0.162%
15	17.078	2398	2404	2410	rBV	1705448	2741829	38.58%	5.298%
16	17.125	2410	2412	2416	rVB	129662	157665	2.22%	0.305%
17	17.972	2551	2556	2561	rBV3	86418	176526	2.48%	0.341%
18	18.037	2561	2567	2589	rVV	2025264	3545825	49.90%	6.852%
19	19.178	2758	2761	2763	rBV4	73984	94517	1.33%	0.183%
20	19.219	2763	2768	2789	rVB	497056	1072648	15.09%	2.073%
21	19.378	2790	2795	2808	rBV	1795587	2864074	40.30%	5.535%
22	19.595	2828	2832	2840	rVB	378077	597647	8.41%	1.155%
23	19.819	2864	2870	2879	rVB	5211320	7106409	100.00%	13.733%
24	20.325	2953	2956	2960	rBV3	73016	101183	1.42%	0.196%
25	20.507	2983	2987	2991	rBV	651805	839207	11.81%	1.622%
26	20.542	2991	2993	3003	rVB6	152872	249289	3.51%	0.482%
27	21.213	3103	3107	3126	rVB3	510806	1048481	14.75%	2.026%
28	21.525	3153	3160	3165	rBV	2105181	3519815	49.53%	6.802%
29	24.019	3580	3584	3589	rBV2	202394	345183	4.86%	0.667%
30	24.813	3712	3719	3734	rVB2	1126588	3364506	47.34%	6.502%
31	26.195	3949	3954	3965	rVB	296533	930474	13.09%	1.798%

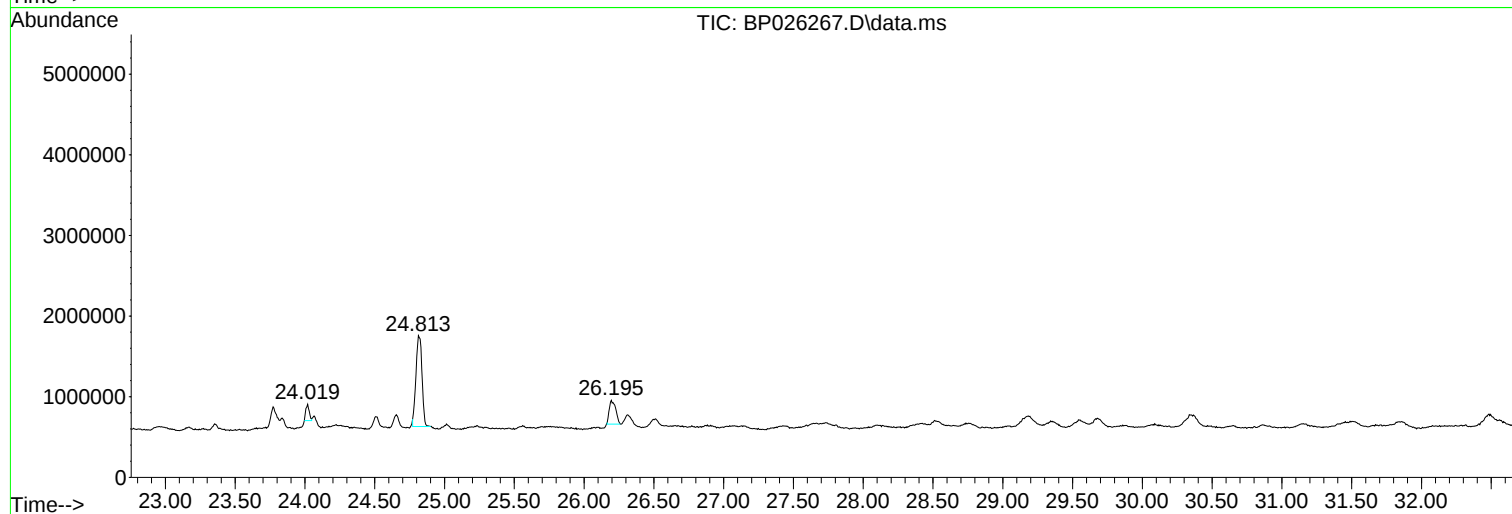
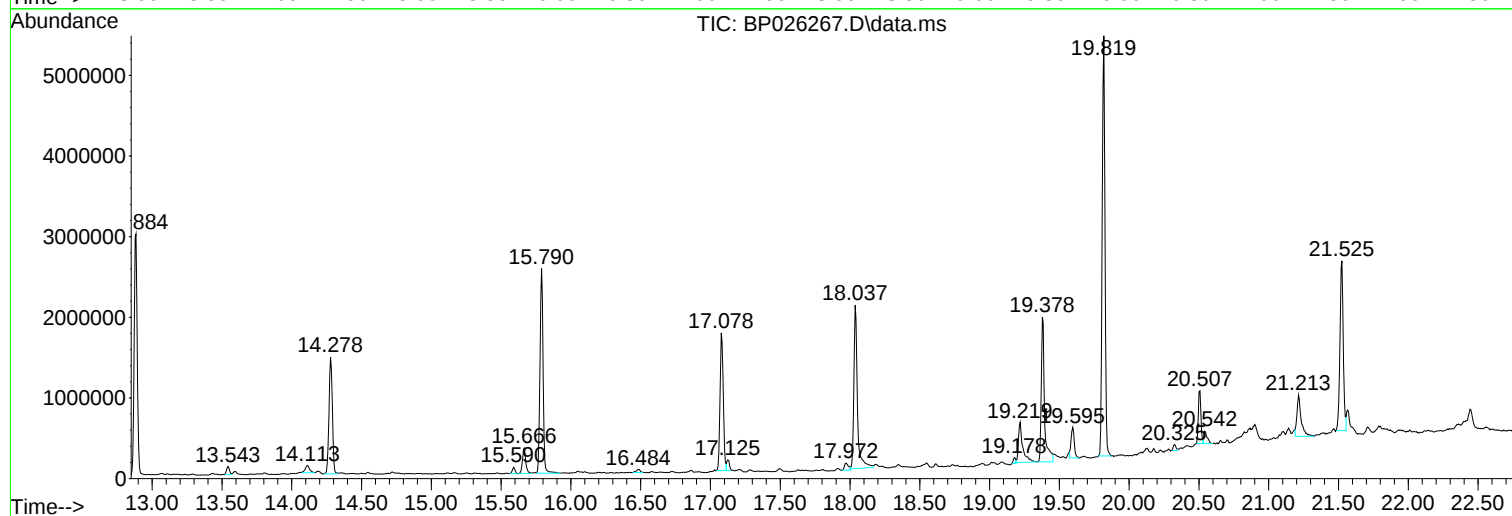
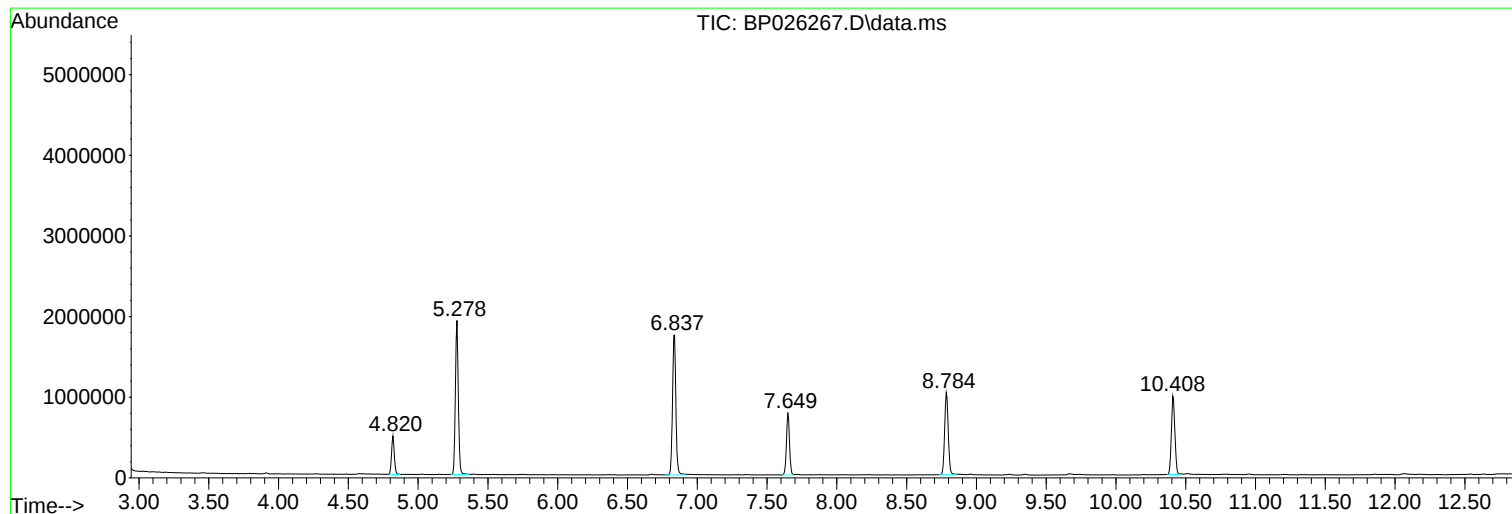
Sum of corrected areas: 51748591

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026267.D
Acq On : 09 Dec 2025 19:01
Operator : RC/JU
Sample : Q3801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL#2

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026267.D
Acq On : 09 Dec 2025 19:01
Operator : RC/JU
Sample : Q3801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL#2

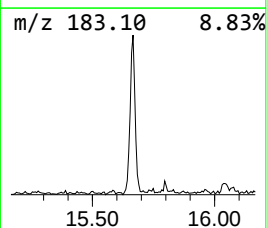
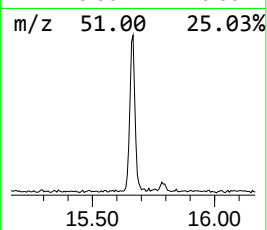
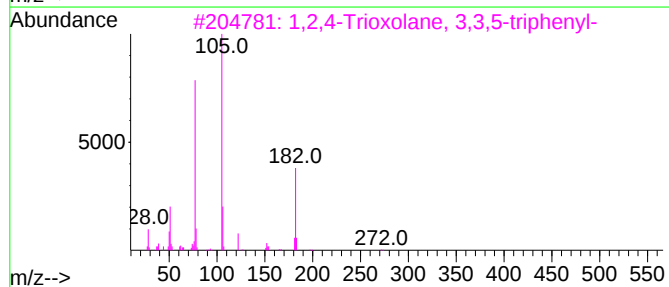
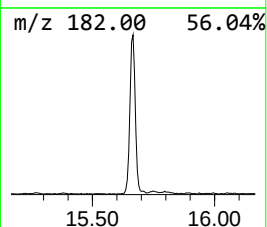
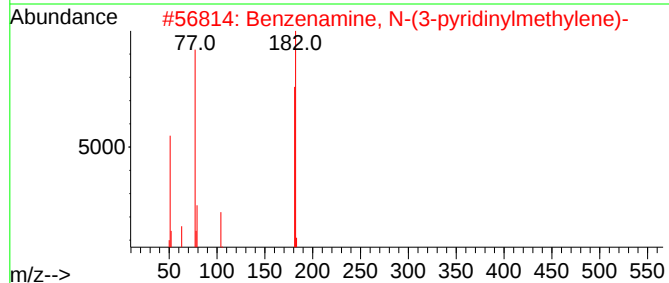
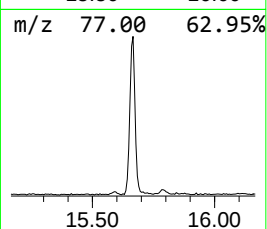
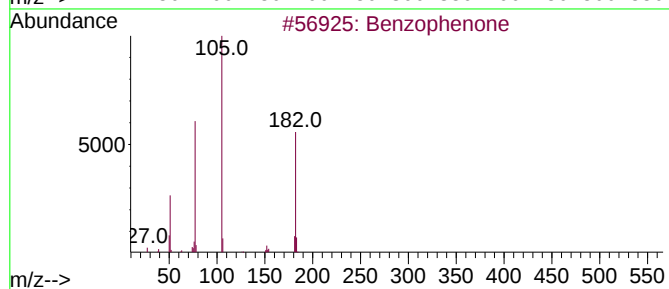
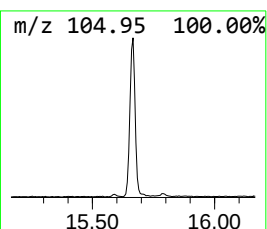
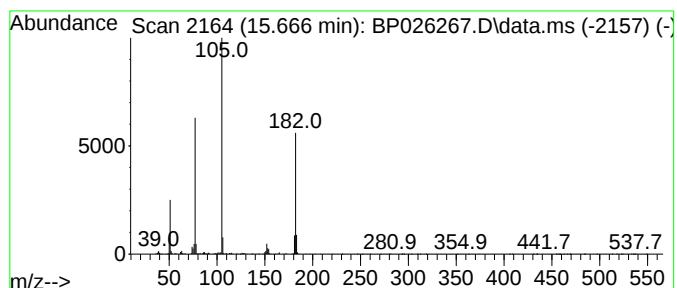
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.666	4.32 ng	512793	Acenaphthene-d10	14.278

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
3			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40
4			Azobenzene	182	C12H10N2	000103-33-3	38
5			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026267.D
Acq On : 09 Dec 2025 19:01
Operator : RC/JU
Sample : Q3801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL#2

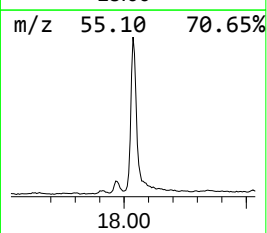
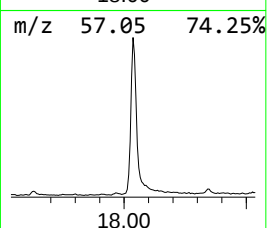
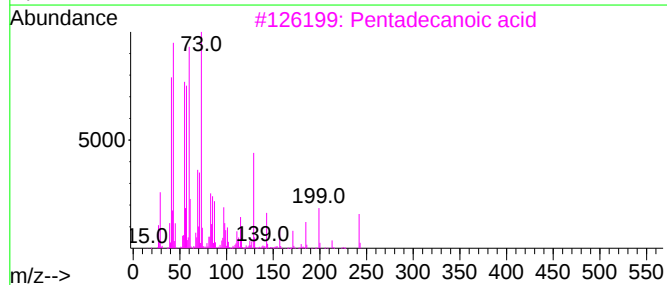
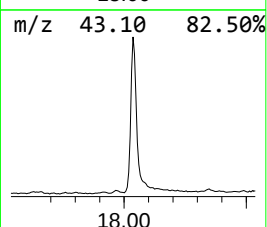
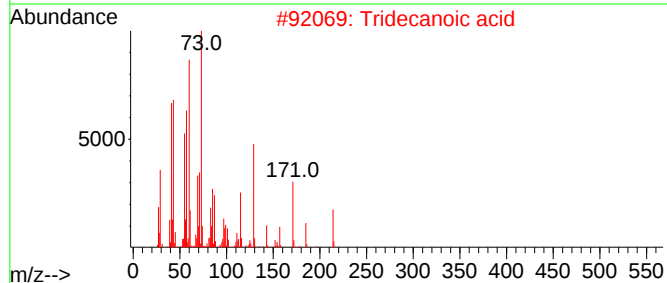
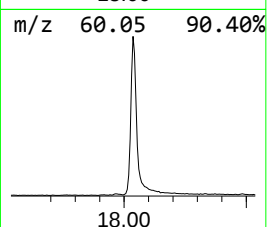
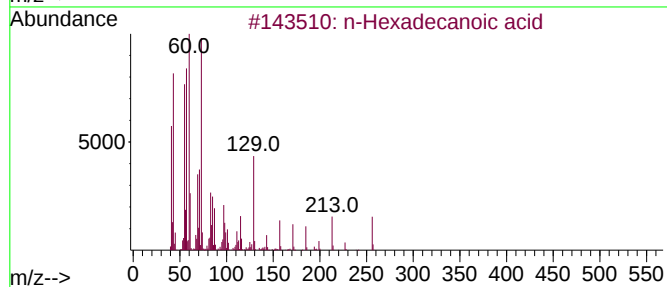
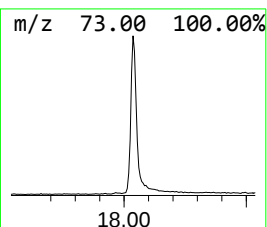
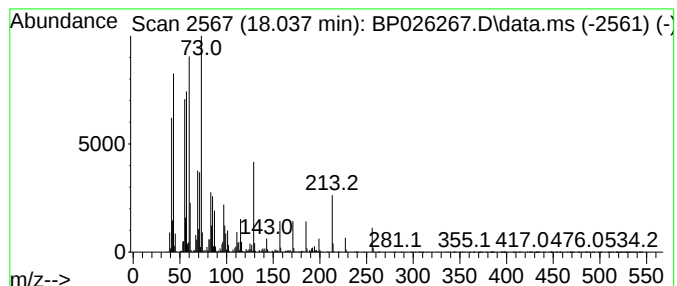
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.037	25.86 ng	3545830	Phenanthrene-d10	17.078

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Undecanoic acid	186	C11H22O2	000112-37-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026267.D
Acq On : 09 Dec 2025 19:01
Operator : RC/JU
Sample : Q3801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL#2

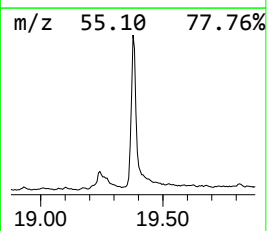
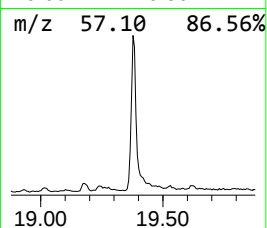
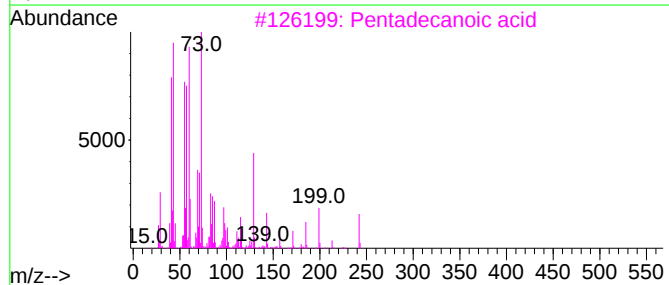
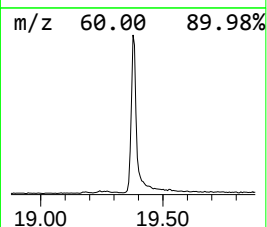
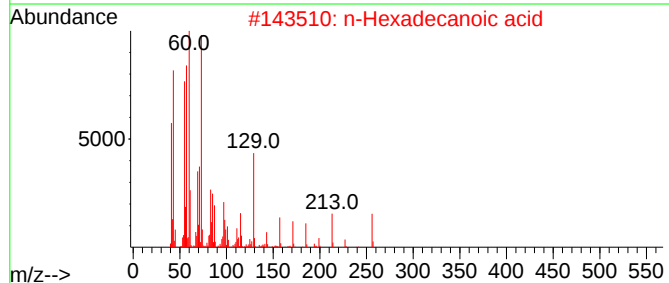
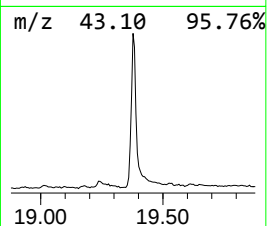
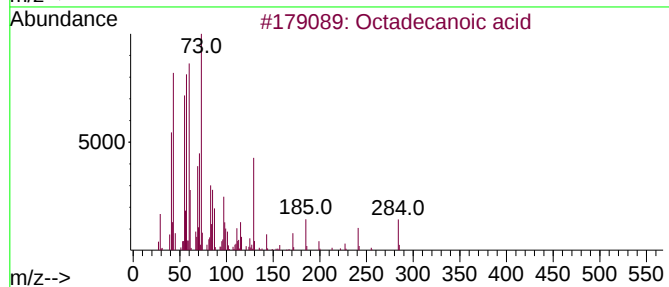
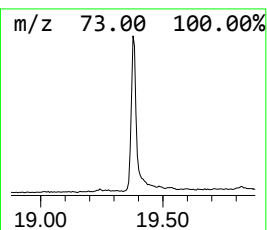
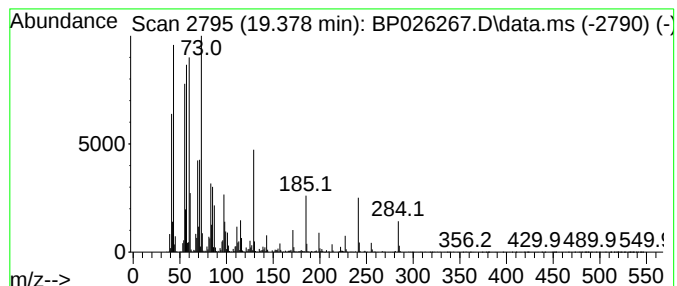
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.378	16.27 ng	2864070	Chrysene-d12	21.525

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026267.D
Acq On : 09 Dec 2025 19:01
Operator : RC/JU
Sample : Q3801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL#2

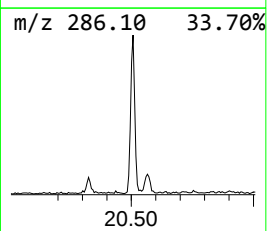
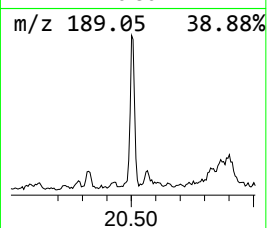
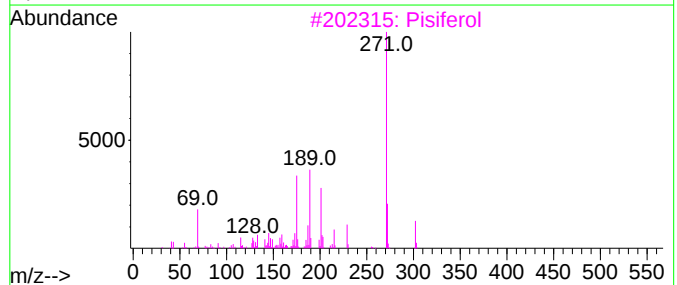
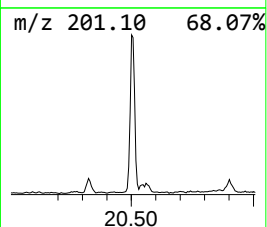
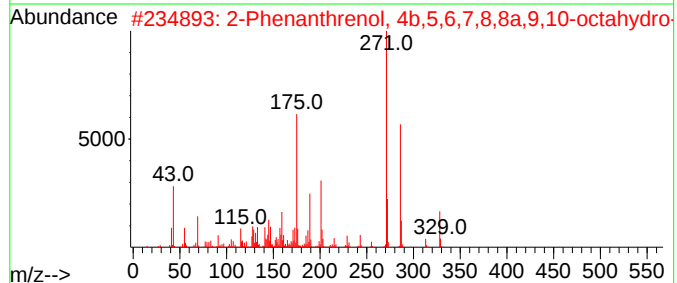
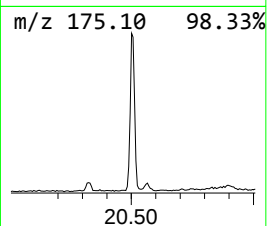
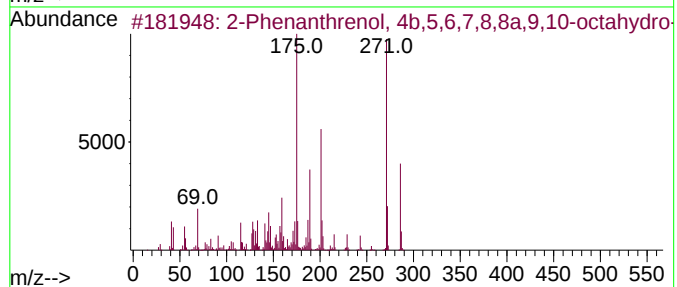
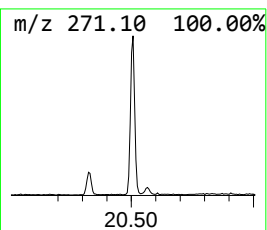
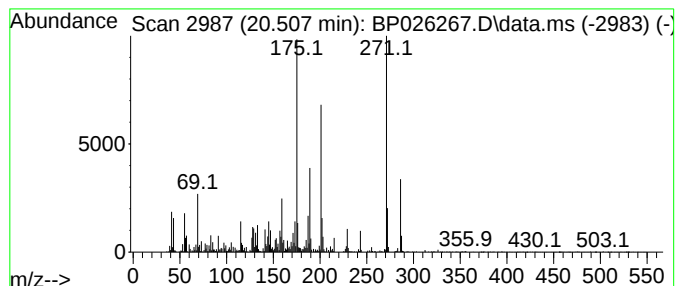
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.507	4.77 ng	839207	Chrysene-d12	21.525

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H300	000511-15-9	99
2			2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H3202	015340-82-6	91
3			Pisiferol	302	C20H3002	024035-36-7	46
4			13-Isopropylpodocarpen-12-ol-20-al	300	C20H2802	024035-37-8	38
5			Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17N03	025924-78-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026267.D
Acq On : 09 Dec 2025 19:01
Operator : RC/JU
Sample : Q3801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

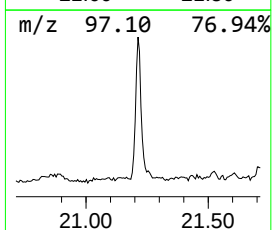
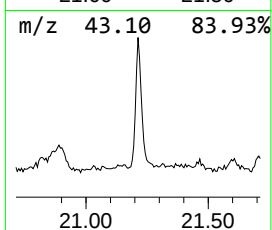
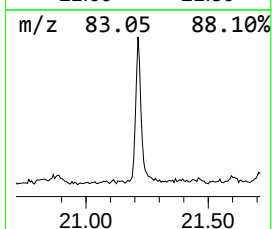
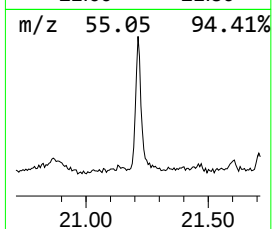
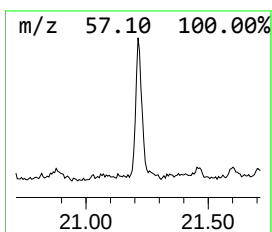
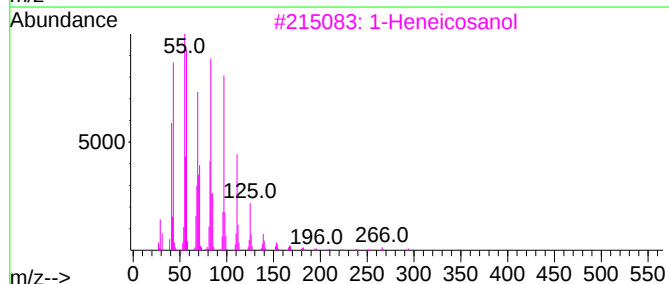
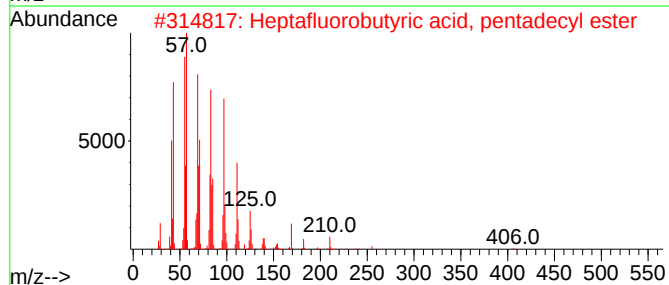
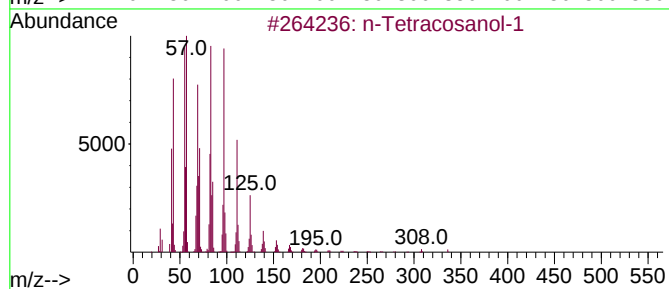
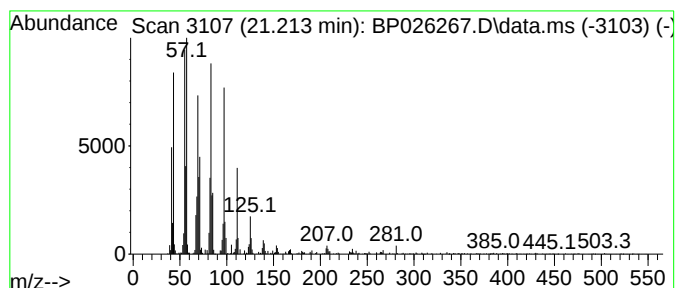
Instrument :
BNA_P
ClientSampleId :
SOIL#2

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 6 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.213	5.96 ng	1048480	Chrysene-d12	21.525	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026267.D
Acq On : 09 Dec 2025 19:01
Operator : RC/JU
Sample : Q3801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL#2

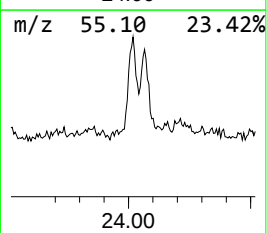
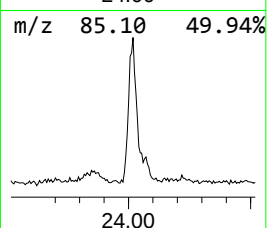
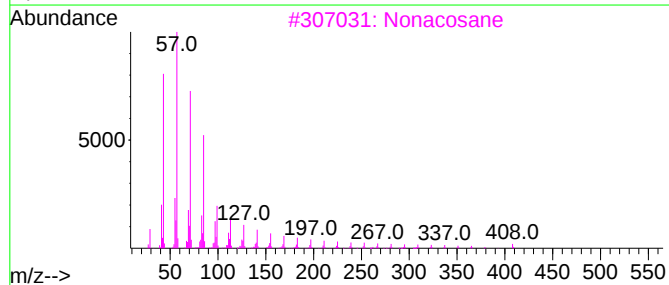
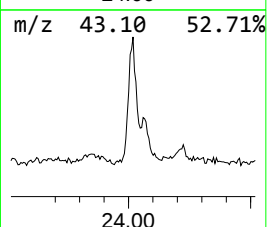
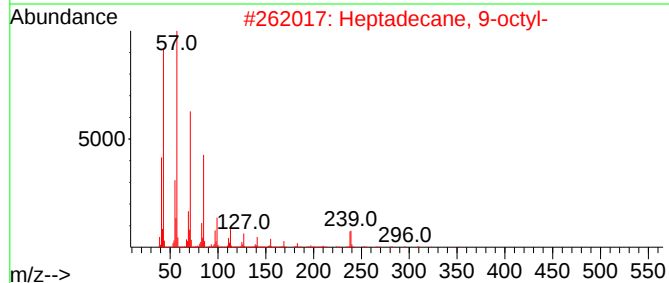
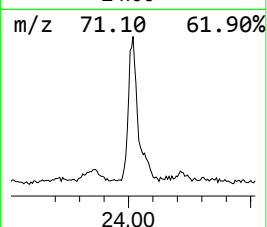
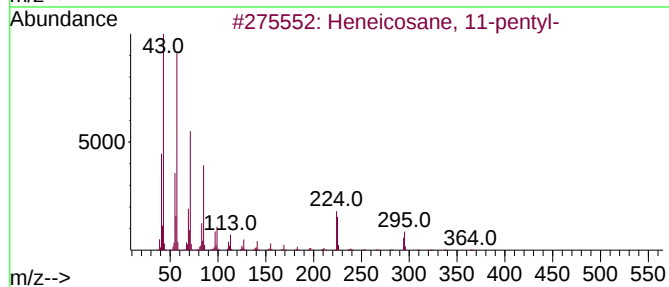
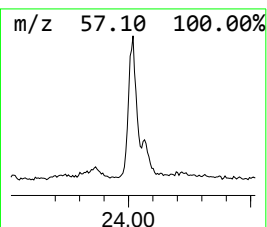
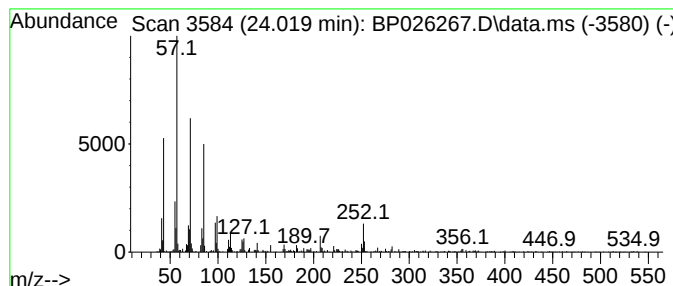
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane, 11-pentyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.019	2.05 ng	345183	Perylene-d12	24.813

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Nonacosane	408	C29H60	000630-03-5	87
4			Hexacosane	366	C26H54	000630-01-3	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026267.D
Acq On : 09 Dec 2025 19:01
Operator : RC/JU
Sample : Q3801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL#2

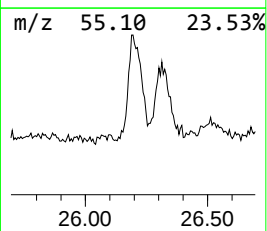
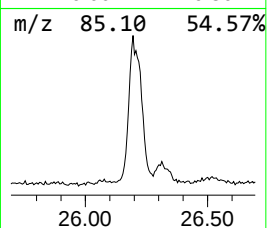
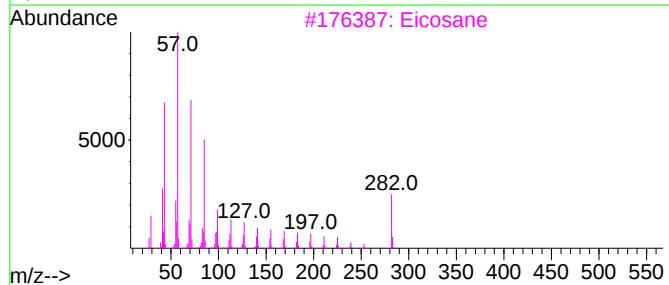
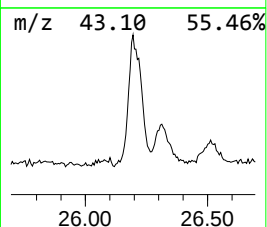
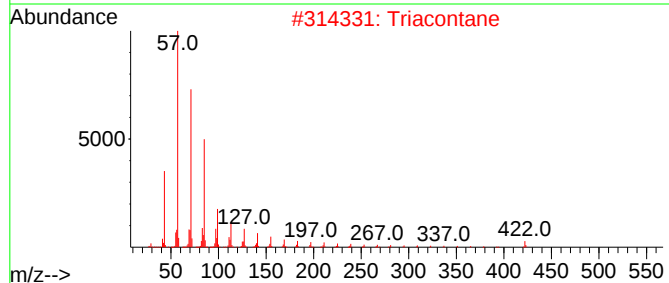
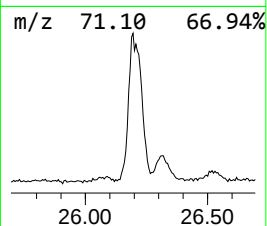
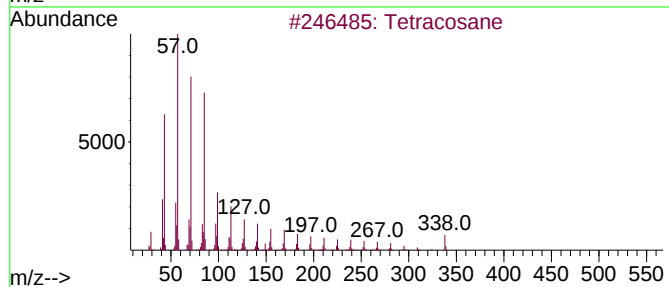
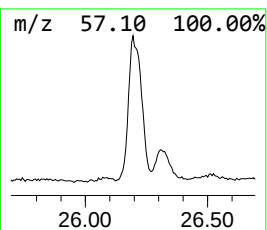
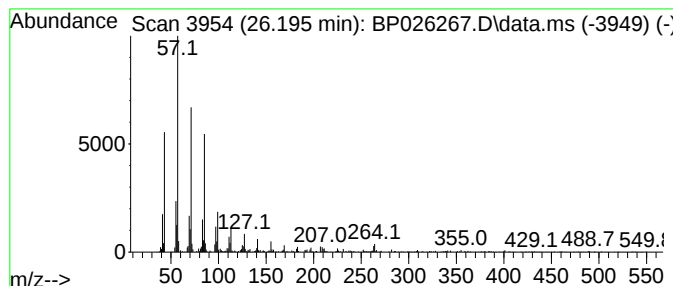
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.195	5.53 ng	930474	Perylene-d12	24.813

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	93
2			Triacontane	422	C30H62	000638-68-6	93
3			Eicosane	282	C20H42	000112-95-8	91
4			Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	90
5			Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
Data File : BP026267.D
Acq On : 09 Dec 2025 19:01
Operator : RC/JU
Sample : Q3801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL#2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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
Benzophenone	15.666	4.3	ng	512793	3	14.278	2373870	20.0
n-Hexadecanoic ...	18.037	25.9	ng	3545830	4	17.078	2741830	20.0
Octadecanoic acid	19.378	16.3	ng	2864070	5	21.525	3519820	20.0
2-Phenanthrenol...	20.507	4.8	ng	839207	5	21.525	3519820	20.0
n-Tetracosanol-1	21.213	6.0	ng	1048480	5	21.525	3519820	20.0
Heneicosane, 11...	24.019	2.0	ng	345183	6	24.813	3364510	20.0
Tetracosane	26.195	5.5	ng	930474	6	24.813	3364510	20.0