

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026098.D
 Acq On : 11 Nov 2025 20:18
 Operator : RC/JU
 Sample : Q3586-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SED-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026098.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.290	393	400	410	rBV	4796267	6856935	42.21%	7.983%
2	6.849	658	665	679	rBV	4321683	7007609	43.14%	8.159%
3	7.678	797	806	813	rBV	849971	1406428	8.66%	1.637%
4	8.813	990	999	1008	rBV	2609290	4273459	26.31%	4.976%
5	10.443	1267	1276	1284	rBV	1230486	1956144	12.04%	2.278%
6	12.919	1690	1697	1709	rBV	5877386	9569728	58.92%	11.142%
7	14.313	1927	1934	1940	rBV	1697096	2601192	16.01%	3.029%
8	15.701	2163	2170	2181	rVB	956790	1468175	9.04%	1.709%
9	15.831	2185	2192	2213	rVV	5092733	8390870	51.66%	9.769%
10	17.125	2406	2412	2419	rBV2	2123496	3265517	20.10%	3.802%
11	18.083	2570	2575	2583	rBV	544202	990709	6.10%	1.153%
12	18.401	2625	2629	2636	rBV	151926	238261	1.47%	0.277%
13	19.066	2738	2742	2748	rBV	176701	250243	1.54%	0.291%
14	19.419	2799	2802	2806	rBV	205752	301730	1.86%	0.351%
15	19.866	2871	2878	2890	rBV	10467613	16242942	100.00%	18.912%
16	20.230	2937	2940	2945	rVB2	173448	190846	1.17%	0.222%
17	20.754	3027	3029	3035	rVB3	144089	166873	1.03%	0.194%
18	21.271	3113	3117	3124	rVB3	399869	726774	4.47%	0.846%
19	21.577	3163	3169	3176	rVB2	2512412	4255300	26.20%	4.954%
20	21.866	3216	3218	3223	rVB	244304	293203	1.81%	0.341%
21	22.518	3325	3329	3335	rVB	336048	541814	3.34%	0.631%
22	23.265	3451	3456	3465	rVB2	313434	734319	4.52%	0.855%
23	24.124	3598	3602	3617	rVB	499847	1256497	7.74%	1.463%
24	24.907	3726	3735	3748	rVB	1646247	4991709	30.73%	5.812%
25	25.160	3772	3778	3789	rVB	513148	1424421	8.77%	1.658%
26	26.383	3982	3986	4000	rVB2	618676	1910737	11.76%	2.225%
27	29.618	4525	4536	4554	rVB	871491	3824469	23.55%	4.453%
28	31.730	4888	4895	4896	rBV	371021	752100	4.63%	0.876%

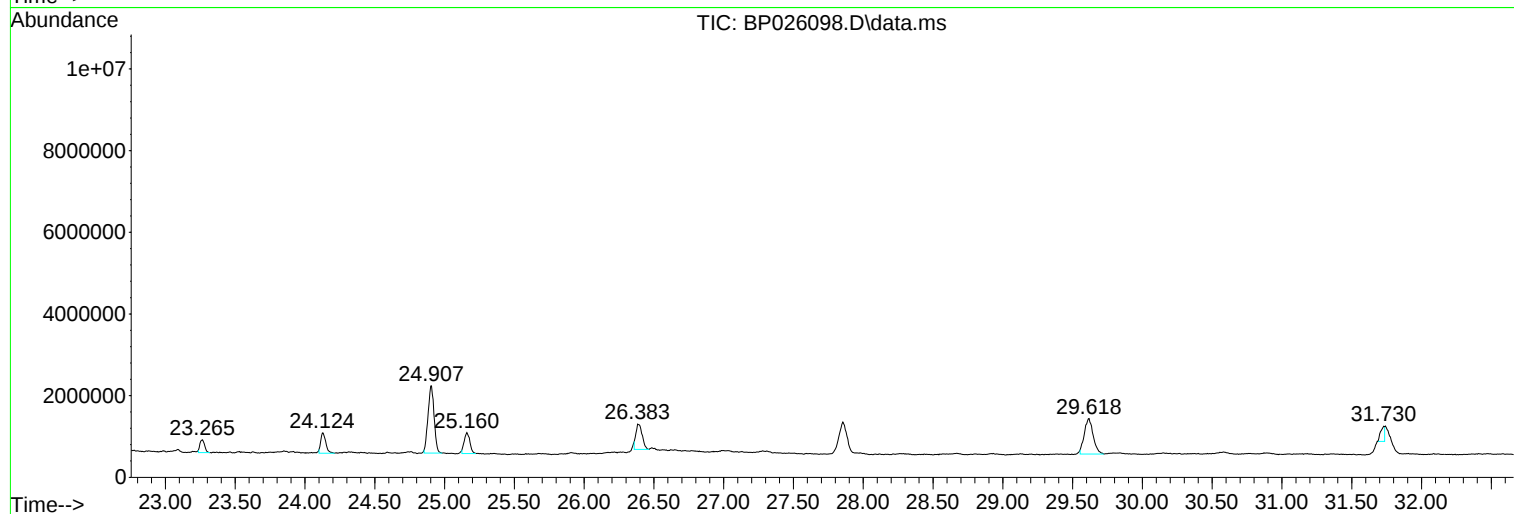
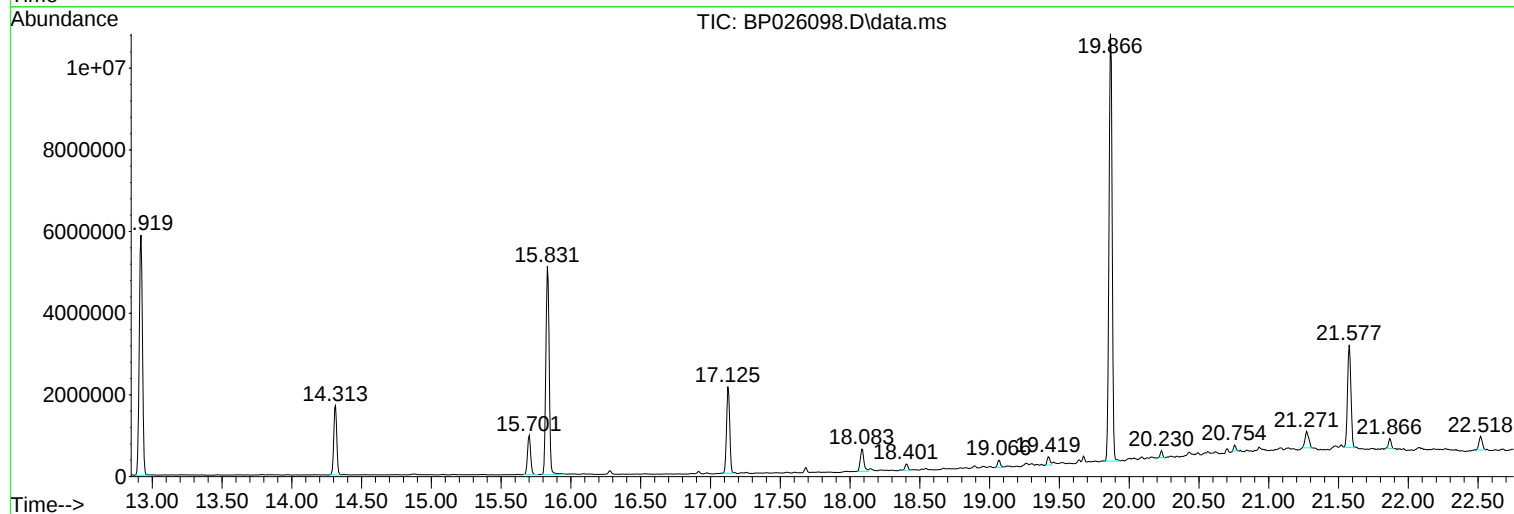
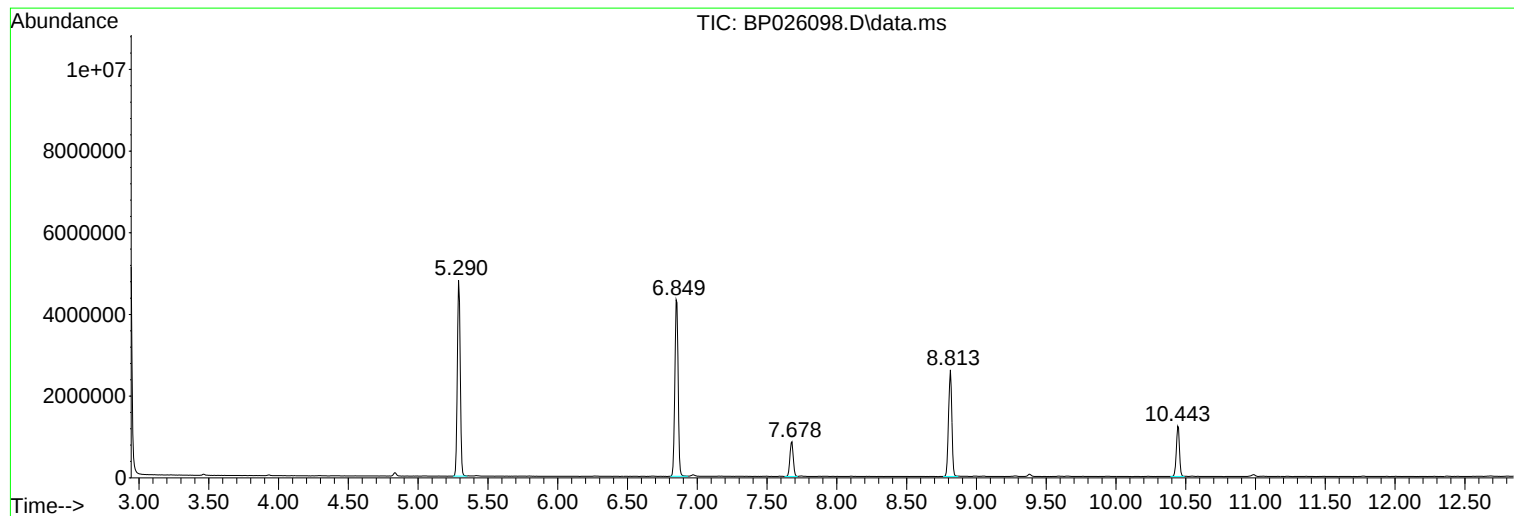
Sum of corrected areas: 85889004

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

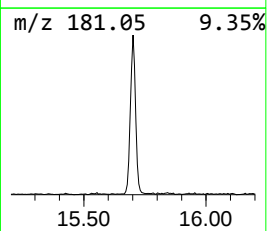
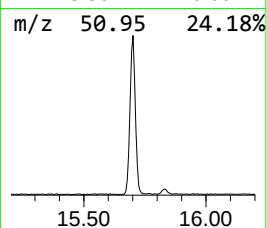
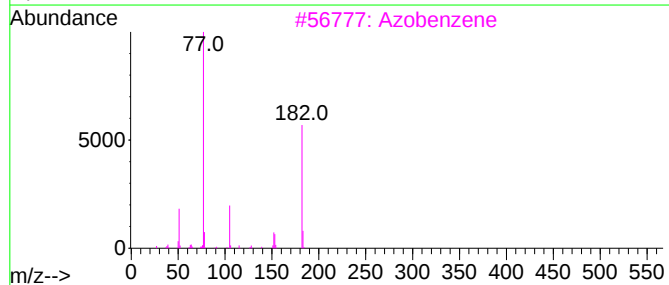
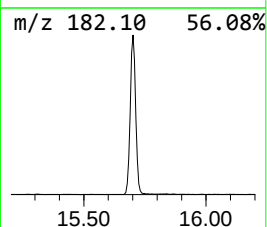
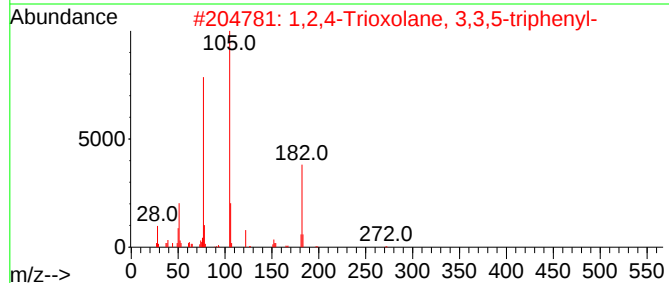
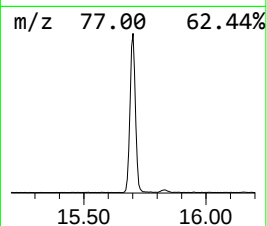
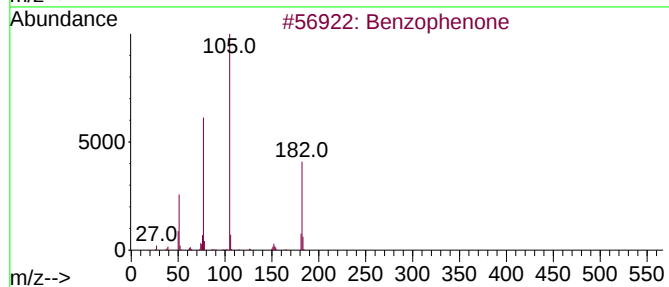
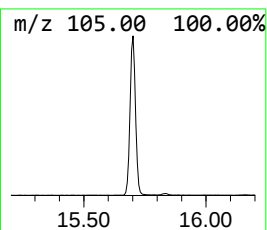
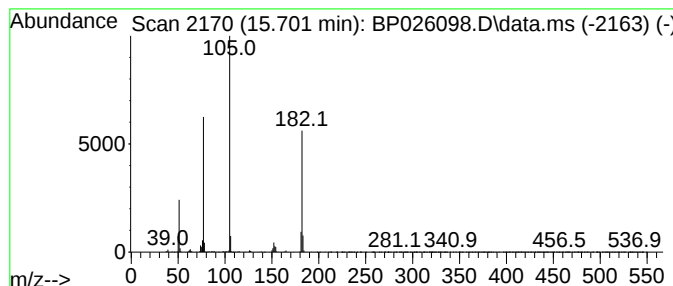
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	11.29 ng	1468180	Acenaphthene-d10	14.313

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	64
3			Azobenzene	182	C12H10N2	000103-33-3	59
4			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
5			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

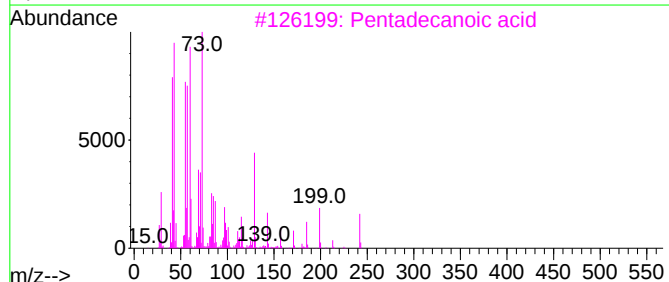
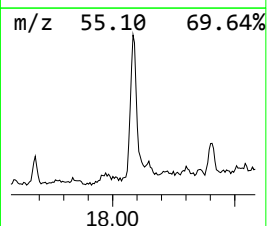
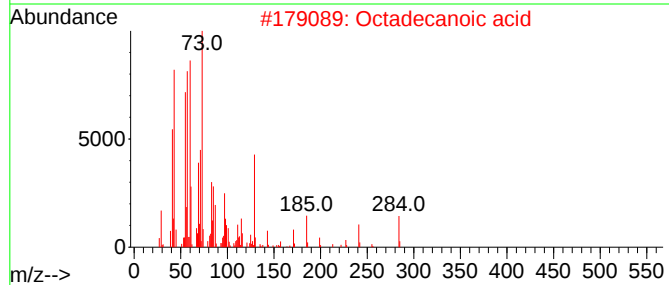
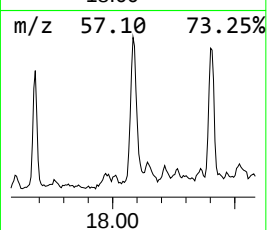
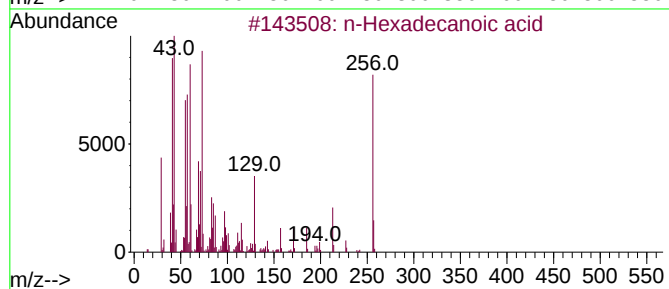
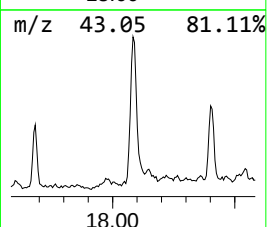
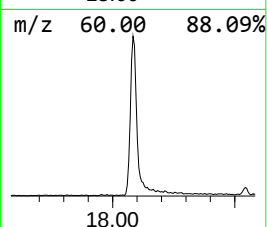
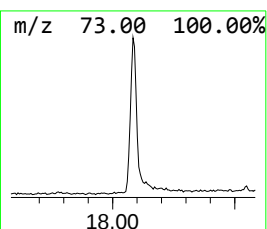
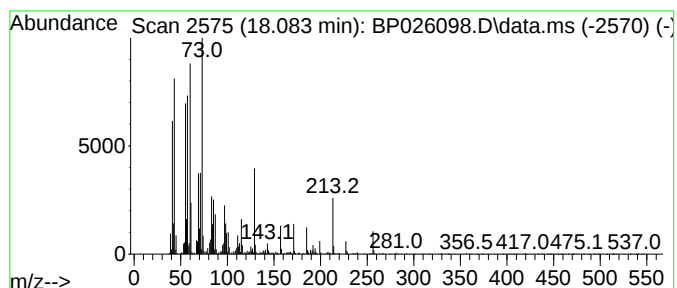
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.083	6.07 ng	990709	Phenanthrene-d10	17.125

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5			Tridecanoic acid	214	C13H26O2	000638-53-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

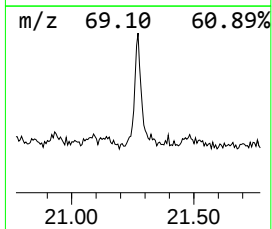
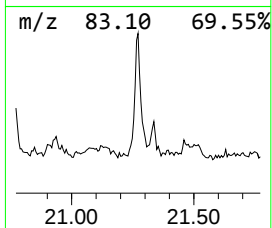
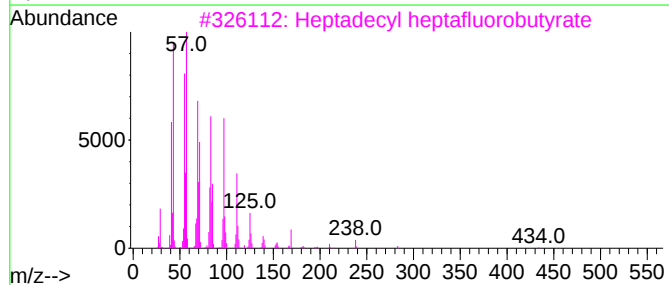
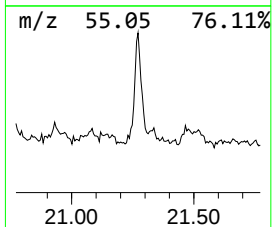
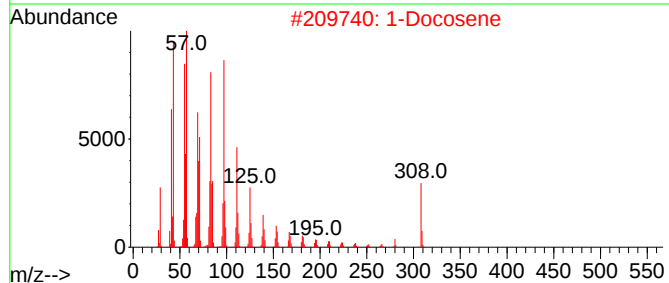
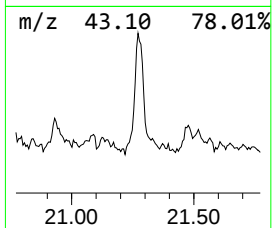
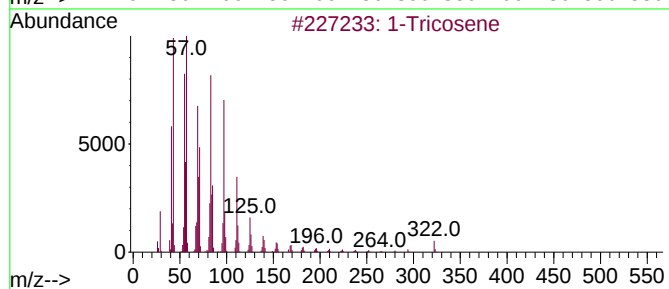
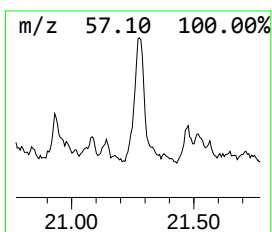
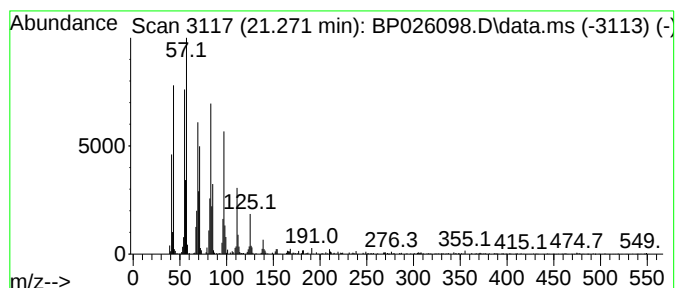
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Tricosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.272	3.42 ng	726774	Chrysene-d12	21.577

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene			322	C23H46	018835-32-0	98
2	1-Docosene			308	C22H44	001599-67-3	94
3	Heptadecyl heptafluorobutyrate			452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, hepta...			402	C20H35F5O2	959218-78-1	94
5	Behenic alcohol			326	C22H46O	000661-19-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

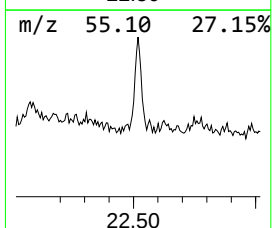
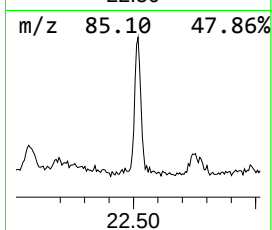
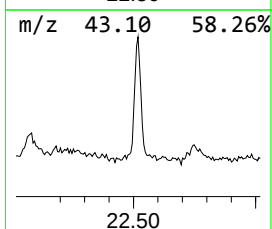
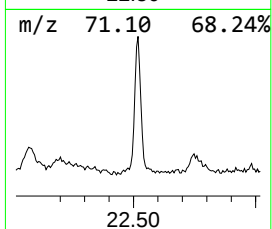
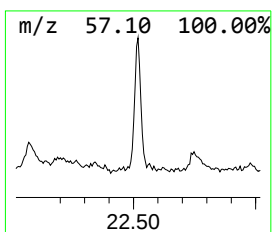
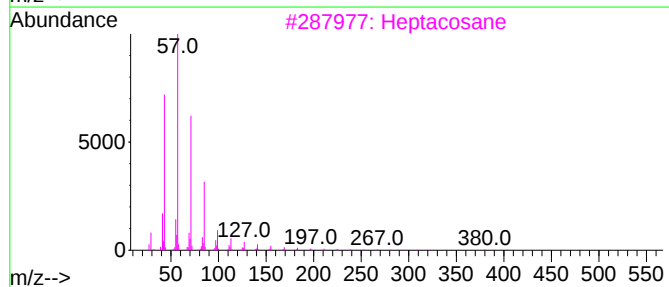
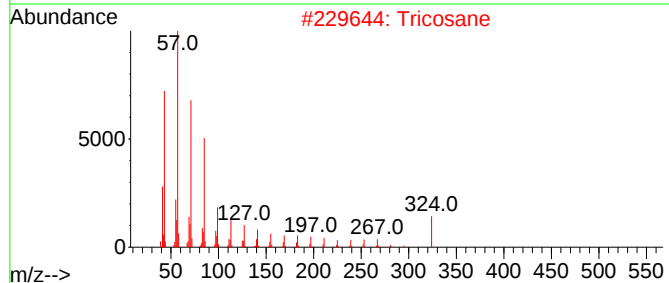
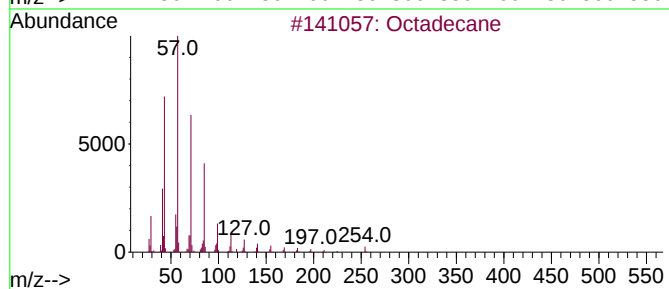
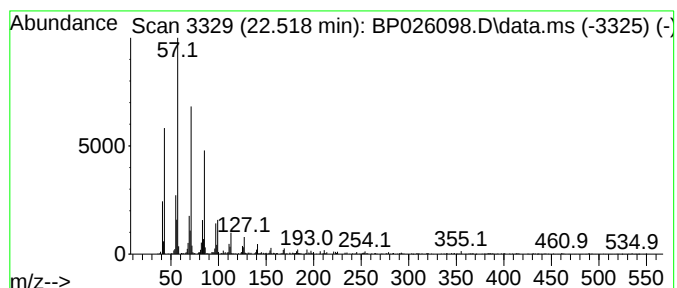
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.519	2.55 ng	541814	Chrysene-d12	21.577

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Tricosane	324	C23H48	000638-67-5	95
3			Heptacosane	380	C27H56	000593-49-7	93
4			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

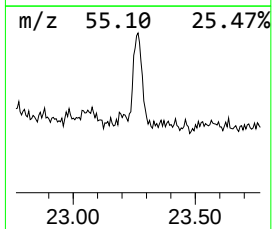
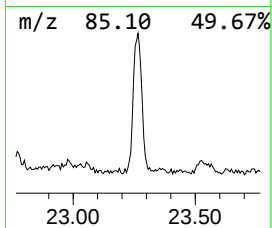
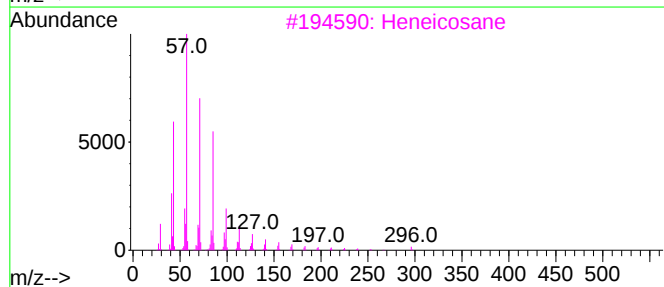
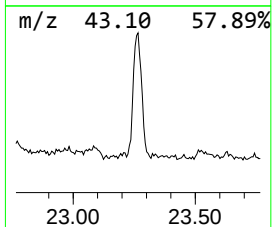
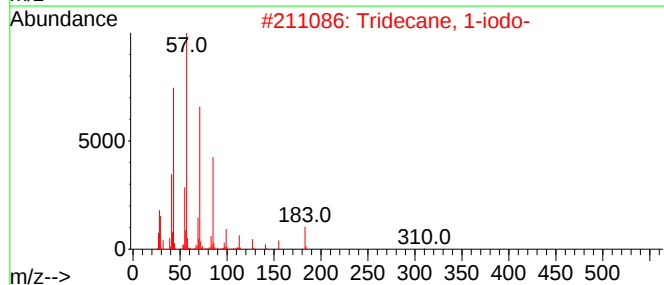
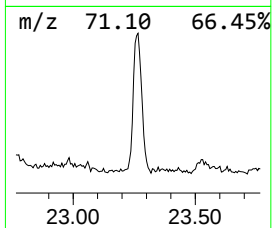
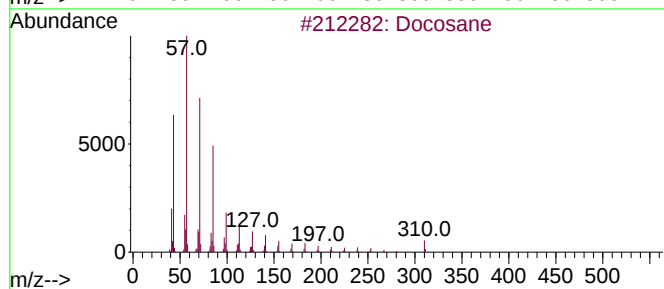
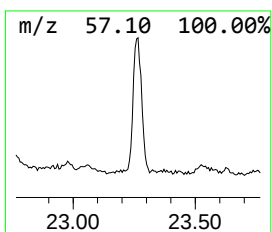
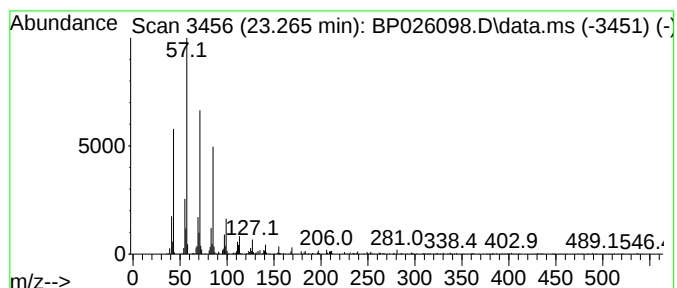
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Docosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.265	2.94 ng	734319	Perylene-d12	24.907

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	93
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Octacosane	394	C28H58	000630-02-4	90
5			triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

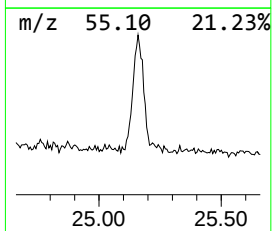
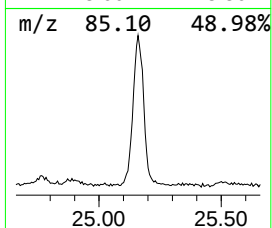
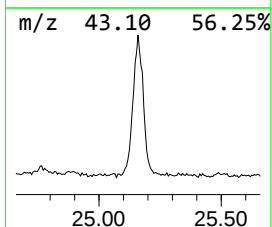
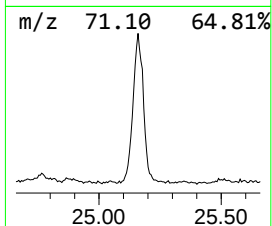
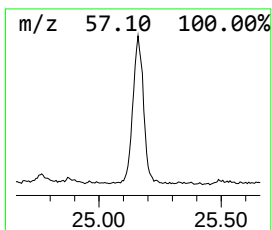
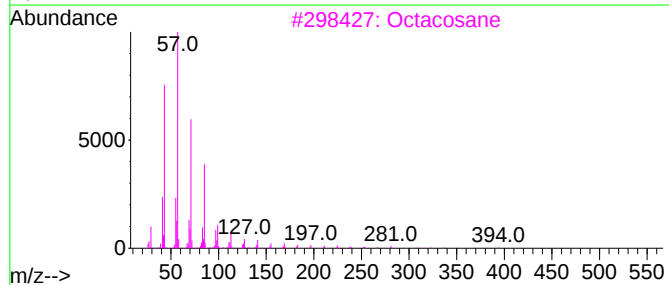
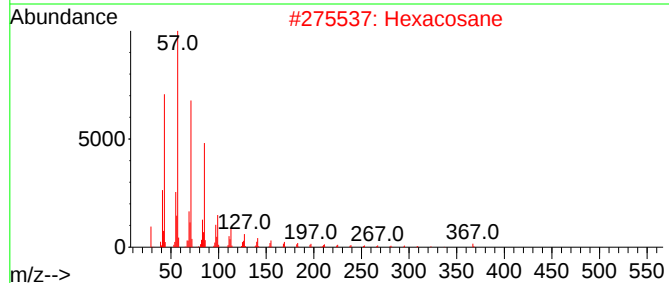
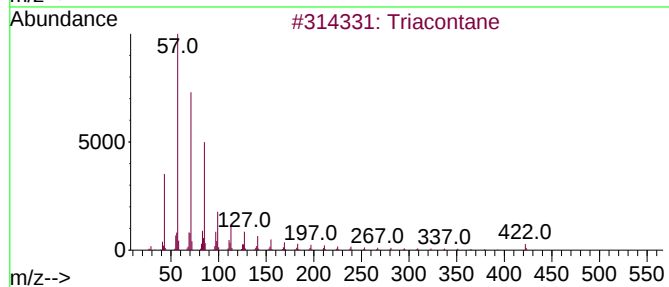
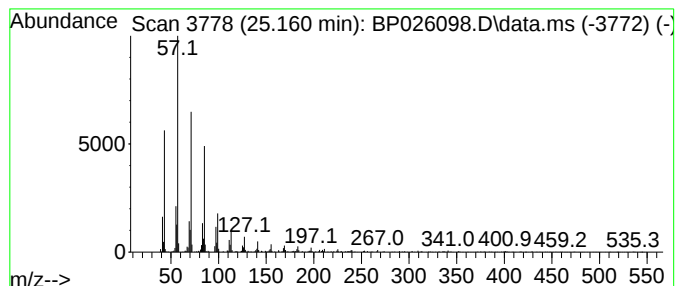
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.160	5.71 ng	1424420	Perylene-d12	24.907

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

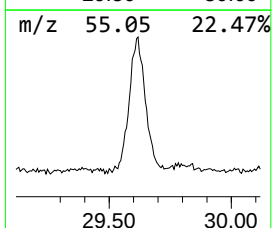
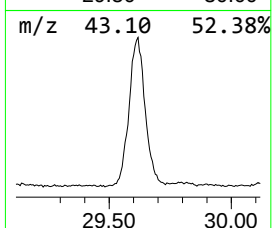
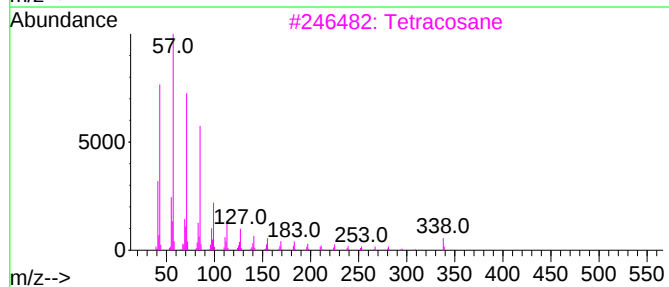
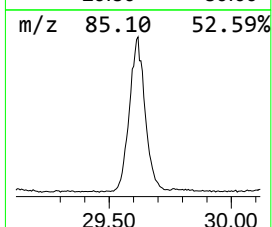
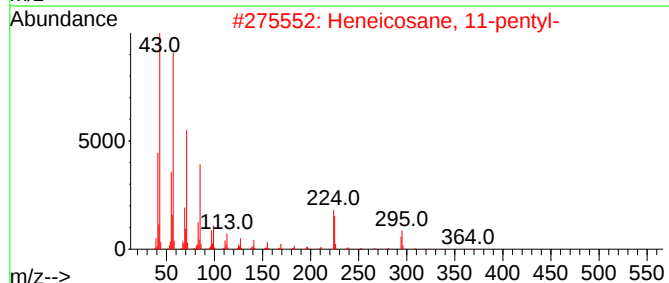
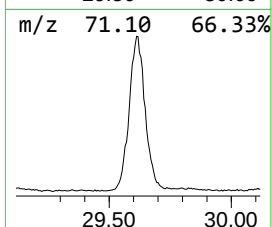
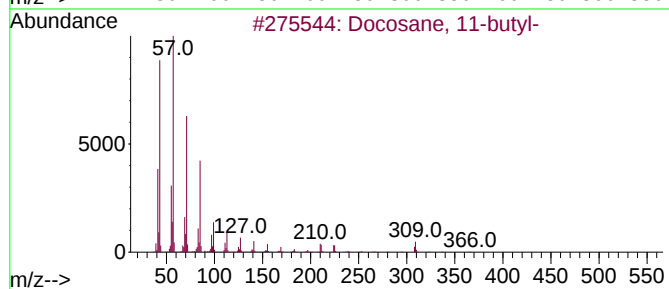
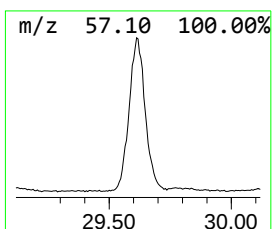
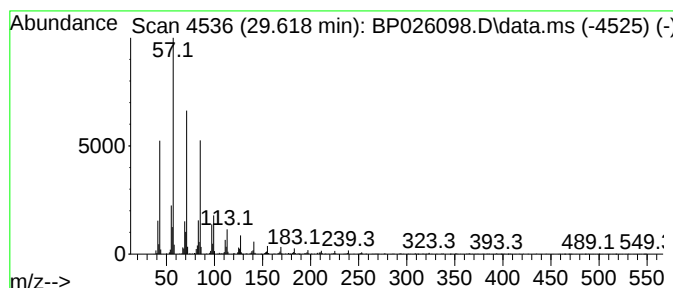
Instrument :
BNA_P
ClientSampleId :
SED-2

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

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

Peak Number 9 Docosane, 11-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
29.618	15.32 ng	3824470	Perylene-d12	24.907	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
3	Tetracosane	338	C24H50	000646-31-1	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

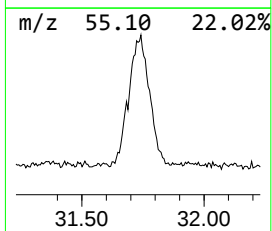
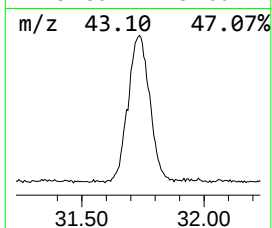
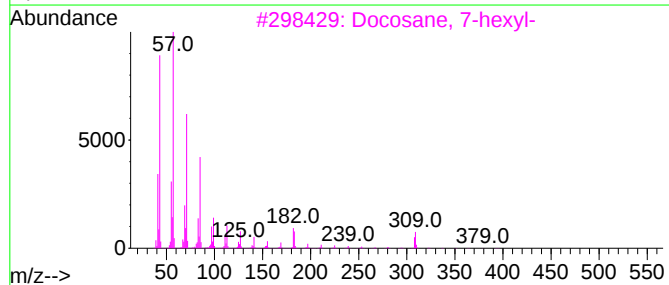
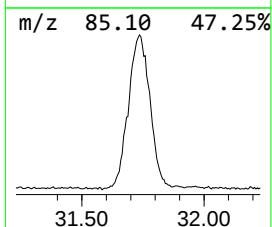
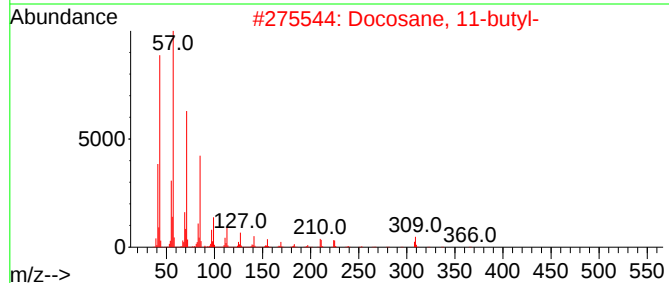
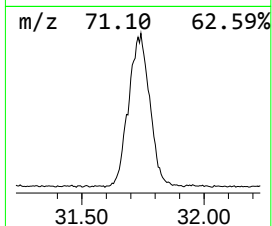
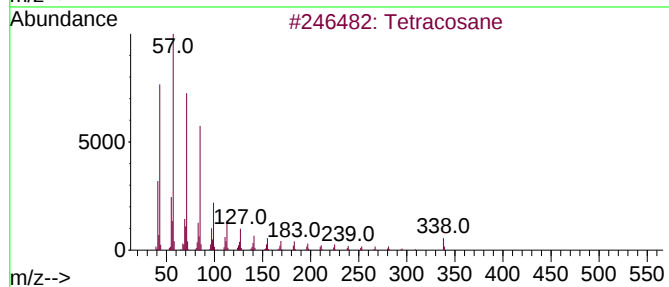
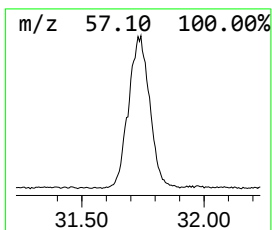
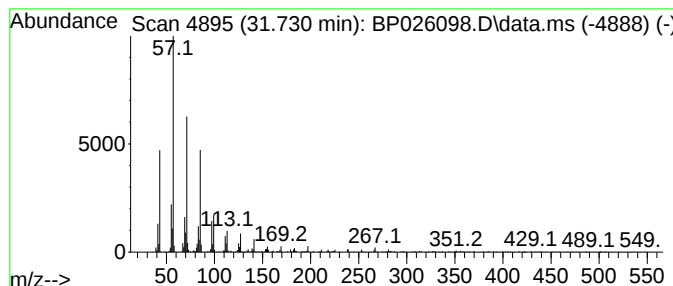
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.730	3.01 ng	752100	Perylene-d12	24.907

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	93
2			Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3			Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026098.D
Acq On : 11 Nov 2025 20:18
Operator : RC/JU
Sample : Q3586-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SED-2

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.701	11.3	ng	1468180	3	14.313	2601190	20.0
n-Hexadecanoic ...	18.083	6.1	ng	990709	4	17.125	3265520	20.0
1-Tricosene	21.272	3.4	ng	726774	5	21.577	4255300	20.0
Octadecane	22.519	2.5	ng	541814	5	21.577	4255300	20.0
Docosane	23.265	2.9	ng	734319	6	24.907	4991710	20.0
triacontane	25.160	5.7	ng	1424420	6	24.907	4991710	20.0
Docosane, 11-bu...	29.618	15.3	ng	3824470	6	24.907	4991710	20.0
Tetracosane	31.730	3.0	ng	752100	6	24.907	4991710	20.0