

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144389.D
 Acq On : 01 Dec 2025 16:14
 Operator : RC/JU
 Sample : Q3725-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-SAMPLES

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_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	484	490	501	rBB	214950	319925	29.14%	3.206%
2	5.487	555	560	577	rBV	719006	994242	90.55%	9.962%
3	6.498	726	732	751	rBV	710422	1009212	91.92%	10.112%
4	6.857	788	793	801	rBV	251101	322499	29.37%	3.231%
5	7.422	884	889	899	rBV	495119	635493	57.88%	6.368%
6	8.140	1006	1011	1023	rBV	307552	413193	37.63%	4.140%
7	8.357	1044	1048	1056	rVB2	8319	12841	1.17%	0.129%
8	9.216	1189	1194	1203	rBV	863267	1097954	100.00%	11.001%
9	9.898	1305	1310	1318	rVB	328231	416527	37.94%	4.174%
10	10.616	1427	1432	1440	rVB	91125	115128	10.49%	1.154%
11	10.692	1440	1445	1455	rBV	449204	578788	52.72%	5.799%
12	11.051	1501	1506	1512	rVB6	11733	16020	1.46%	0.161%
13	11.333	1550	1554	1557	rBV2	10494	14612	1.33%	0.146%
14	11.392	1559	1564	1575	rVV	292480	411555	37.48%	4.124%
15	11.610	1595	1601	1611	rBV10	6791	21959	2.00%	0.220%
16	11.845	1636	1641	1643	rBV5	10796	17441	1.59%	0.175%
17	11.916	1648	1653	1665	rVB2	241095	355844	32.41%	3.566%
18	12.086	1678	1682	1687	rBV5	14115	19049	1.73%	0.191%
19	12.539	1755	1759	1763	rVB4	10428	14418	1.31%	0.144%
20	12.610	1766	1771	1776	rBV	78899	127498	11.61%	1.278%
21	12.698	1782	1786	1795	rBV	66513	101628	9.26%	1.018%
22	12.839	1805	1810	1814	rBV	57198	81373	7.41%	0.815%
23	12.980	1828	1834	1841	rBV	773232	995433	90.66%	9.974%
24	13.874	1982	1986	1997	rVB2	96247	155237	14.14%	1.555%
25	14.045	2009	2015	2028	rVB2	302536	484719	44.15%	4.857%
26	14.192	2037	2040	2047	rBV3	22266	35651	3.25%	0.357%
27	14.504	2089	2093	2100	rVB2	46413	91757	8.36%	0.919%
28	15.092	2189	2193	2198	rBV	55129	107915	9.83%	1.081%
29	15.145	2199	2202	2206	rVB	102115	132905	12.10%	1.332%
30	15.463	2253	2256	2261	rVB	34840	46900	4.27%	0.470%
31	15.527	2262	2267	2279	rVB	263724	427890	38.97%	4.287%
32	15.968	2338	2342	2348	rVB	114639	197872	18.02%	1.983%
33	17.610	2615	2621	2637	rBV9	56850	206587	18.82%	2.070%

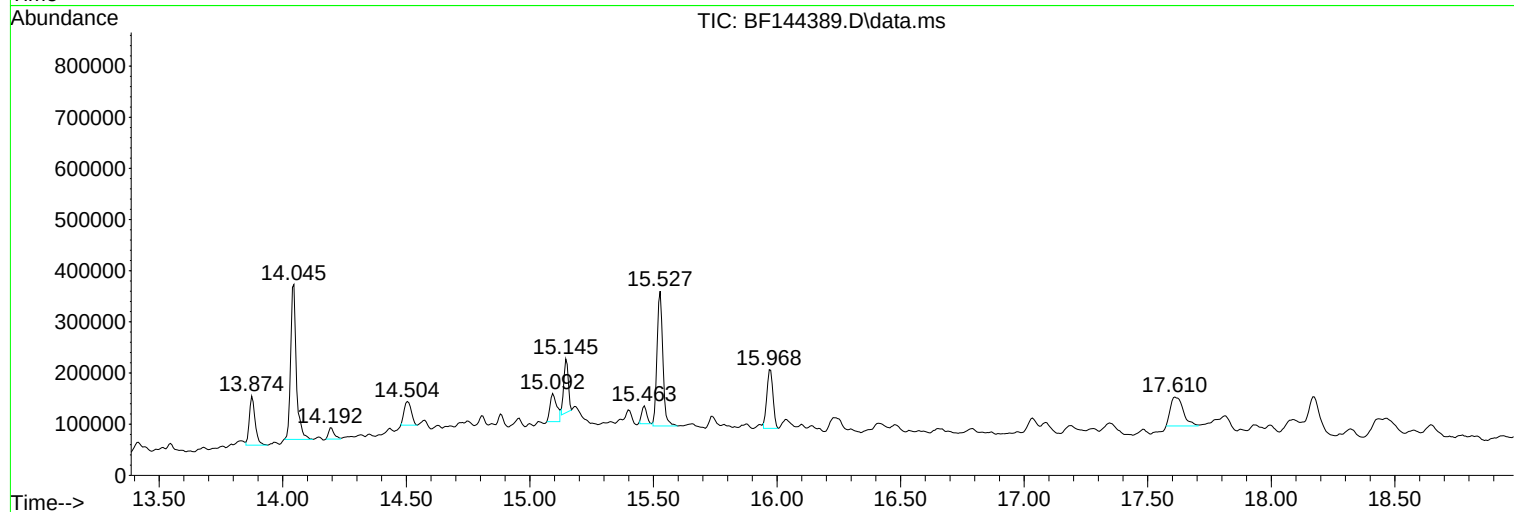
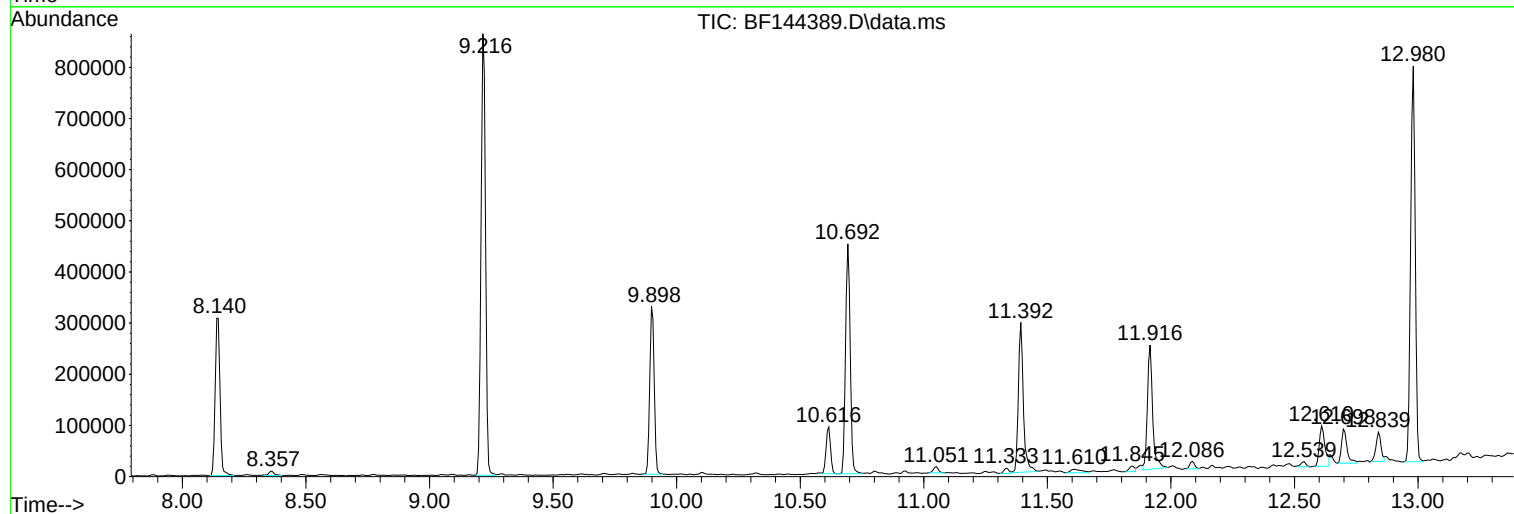
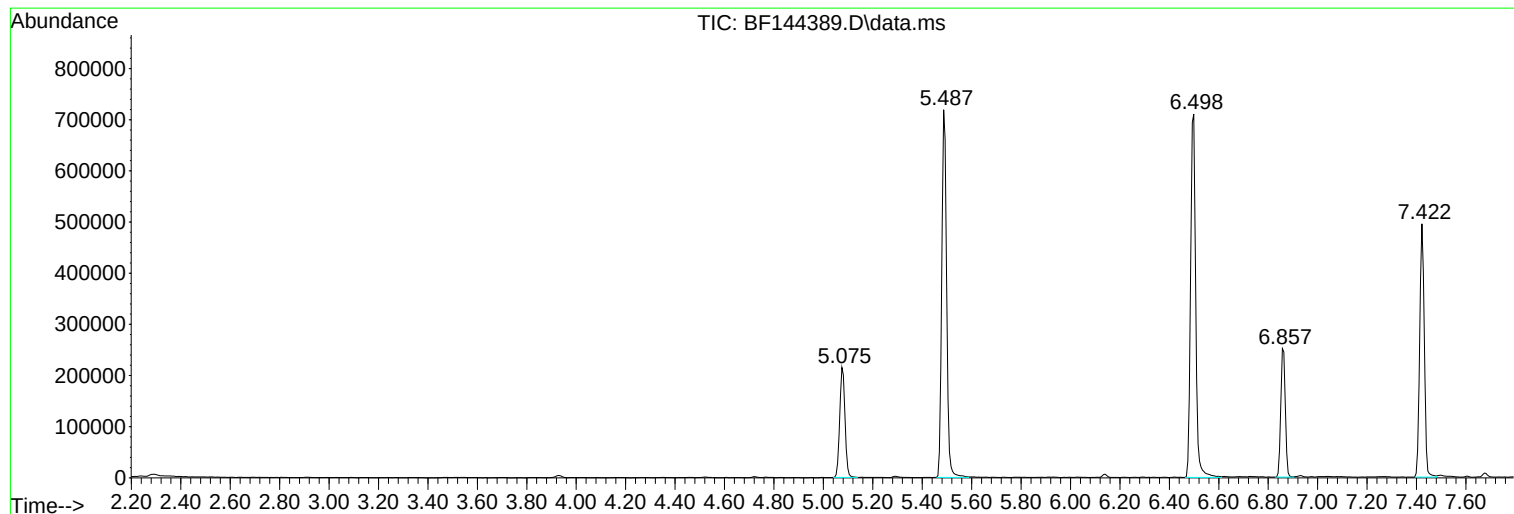
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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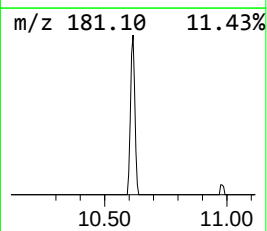
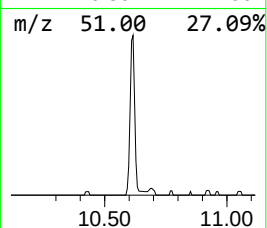
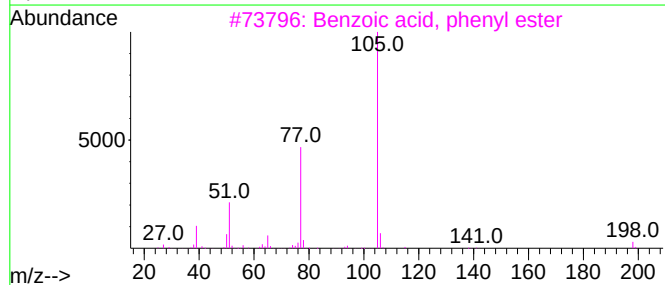
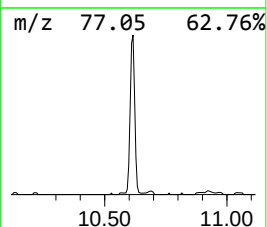
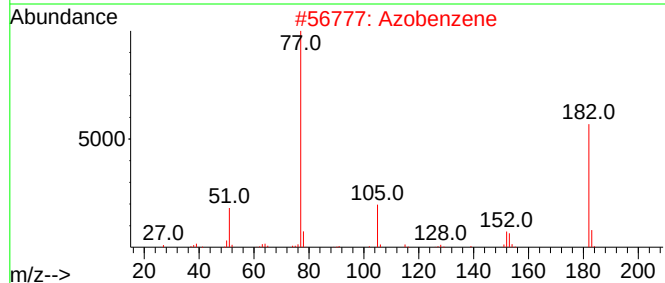
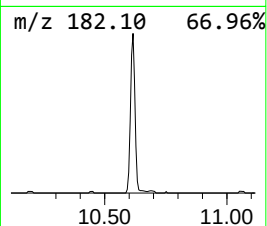
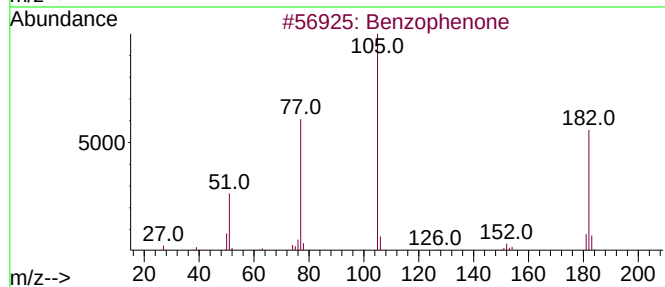
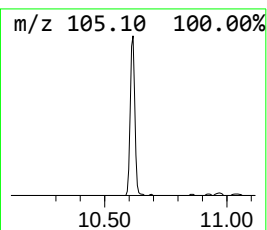
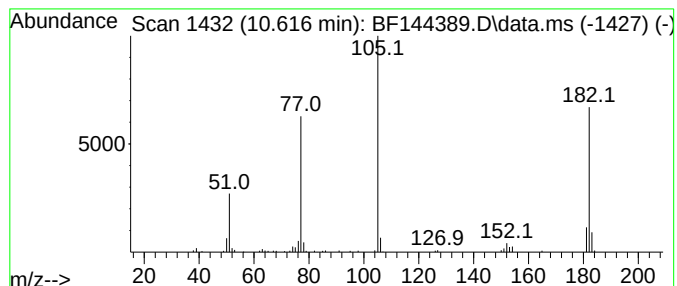
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	5.53 ng	115128	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Azobenzene	182	C12H10N2	000103-33-3	47
3			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	43
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
5			N-Methylbenzamide, N-chlorodiflu...	247	C10H8ClF2NO2	1000446-98-2	43



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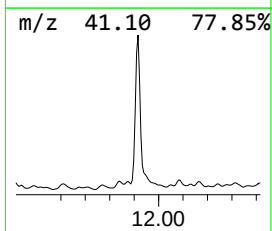
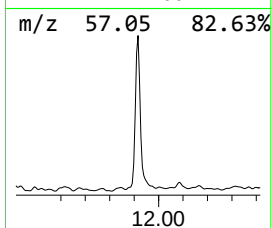
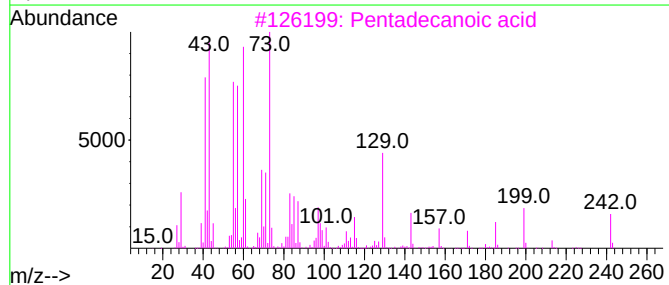
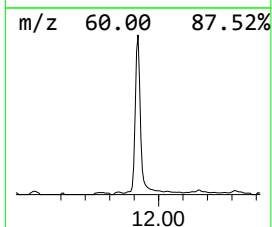
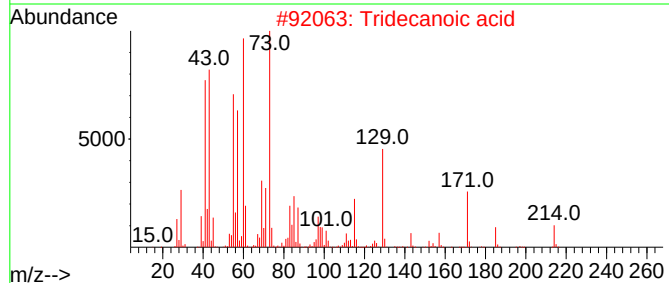
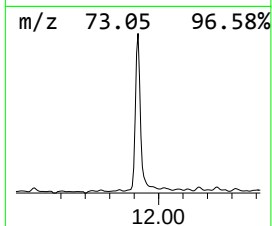
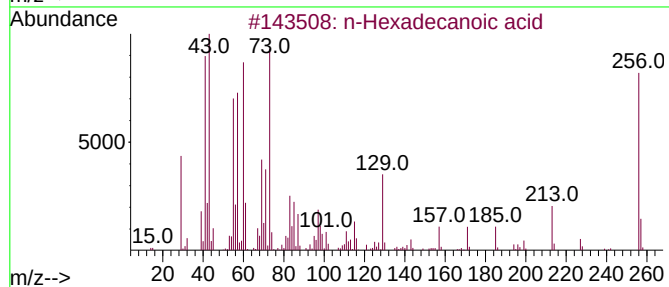
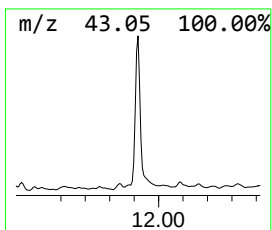
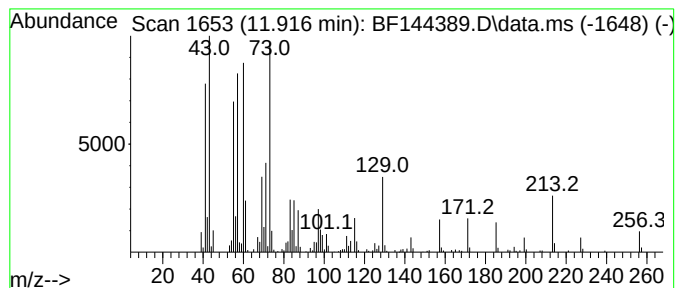
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	17.29 ng	355844	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	80
5	Undecanoic acid		186	C11H22O2	000112-37-8	74



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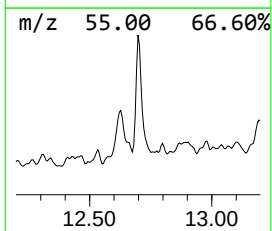
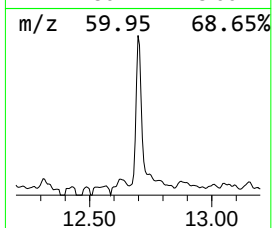
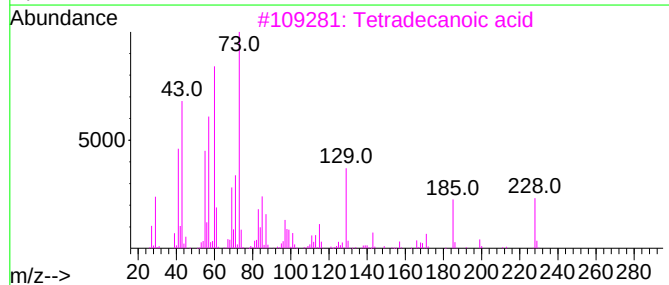
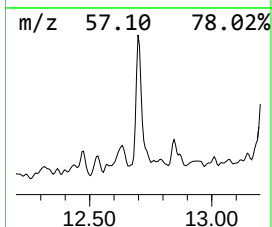
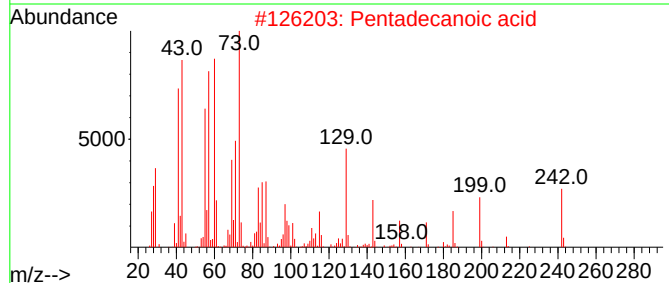
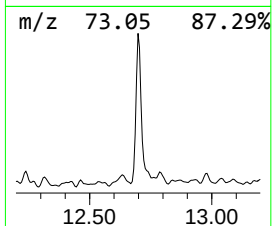
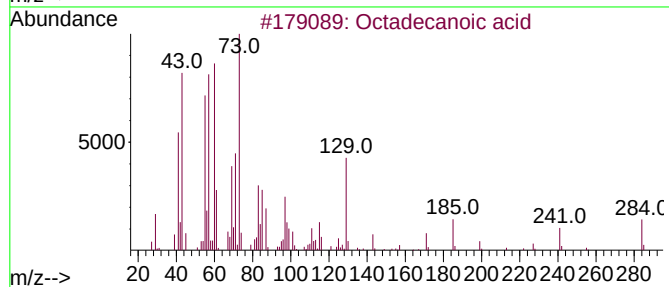
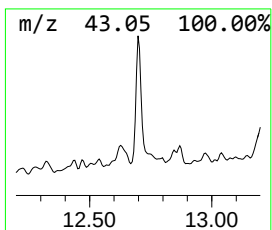
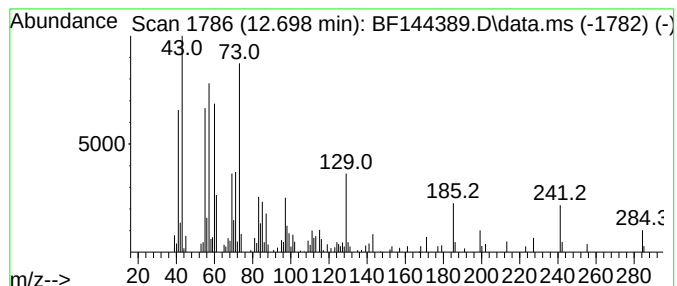
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.698	4.94 ng	101628	Phenanthrene-d10	11.392	
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	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49



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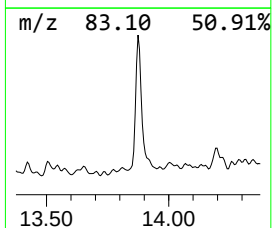
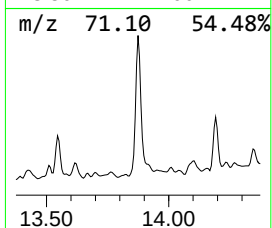
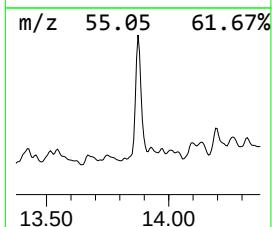
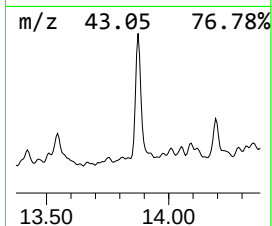
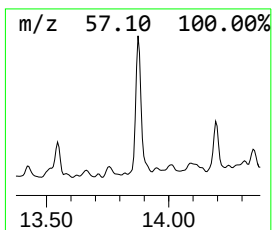
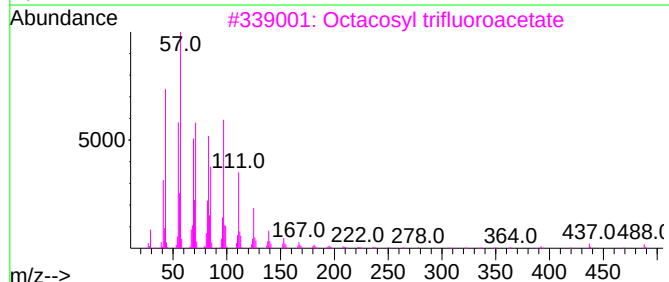
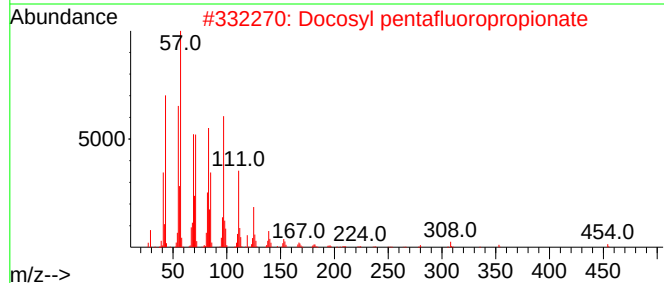
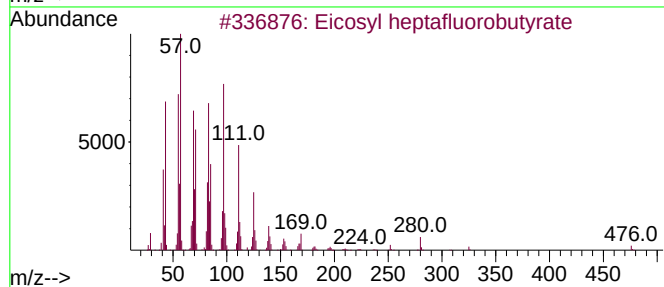
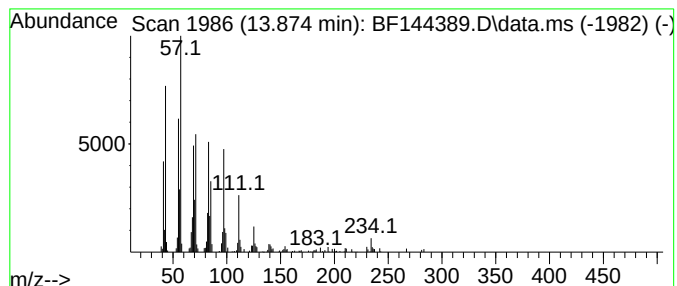
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Peak Number 5 Eicosyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	6.41 ng	155237	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
2			Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
3			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4			Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
5			Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91



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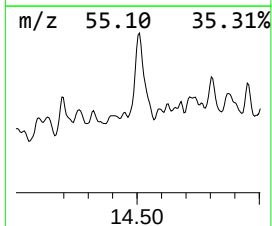
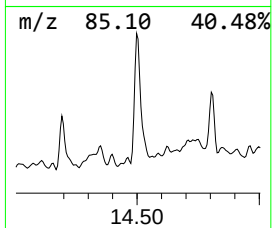
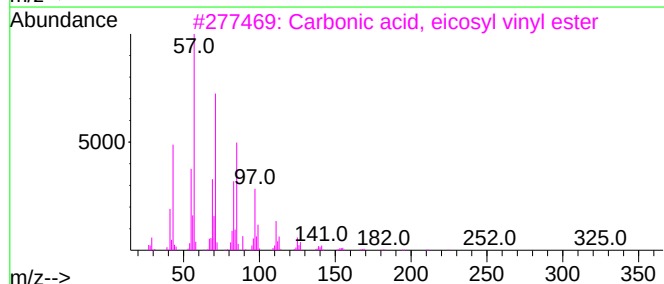
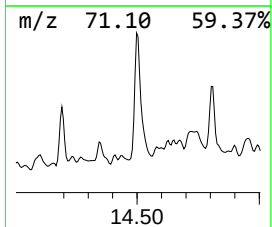
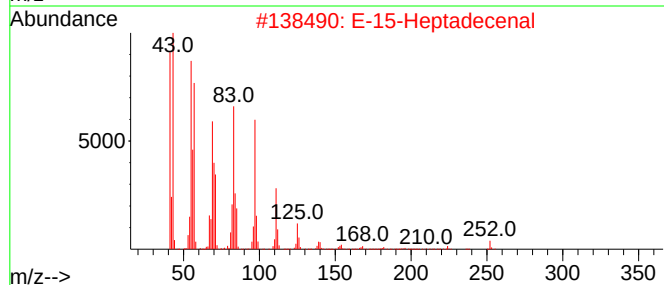
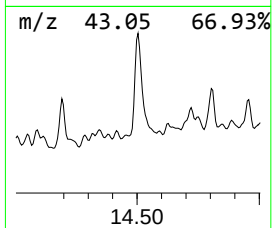
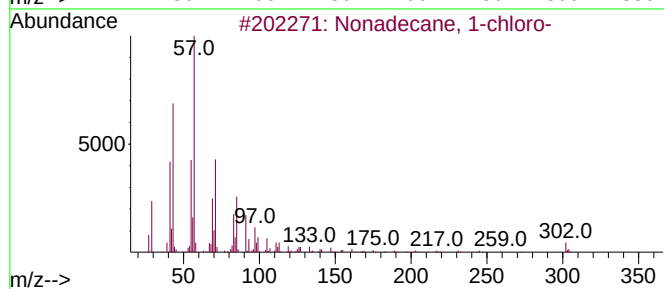
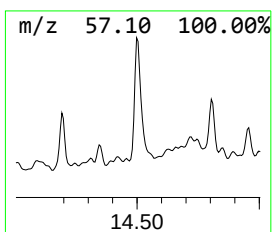
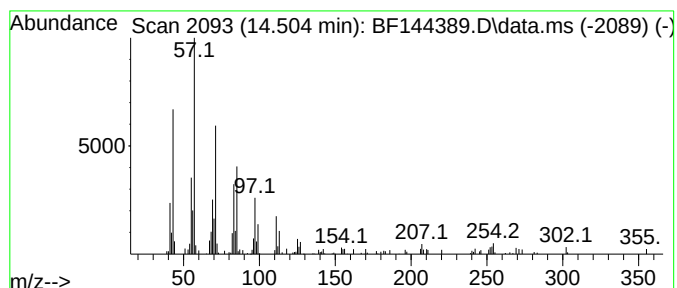
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TIC Library : C:\Database\NIST20.L
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Peak Number 6 Nonadecane, 1-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.504	3.79 ng	91757	Chrysene-d12	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	94
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	91
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90



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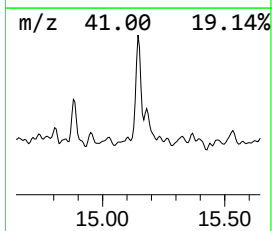
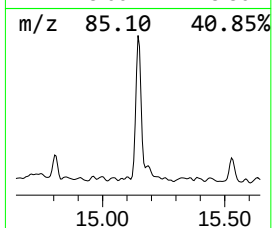
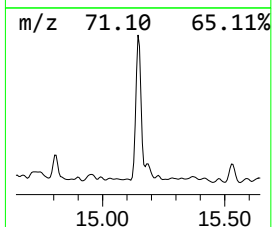
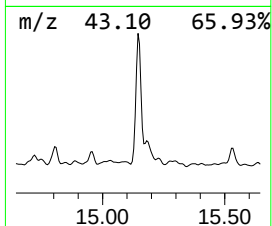
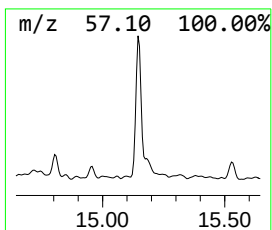
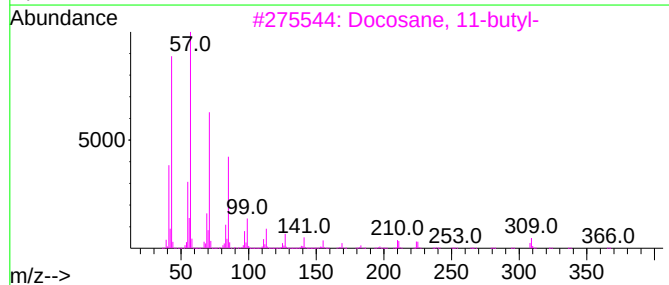
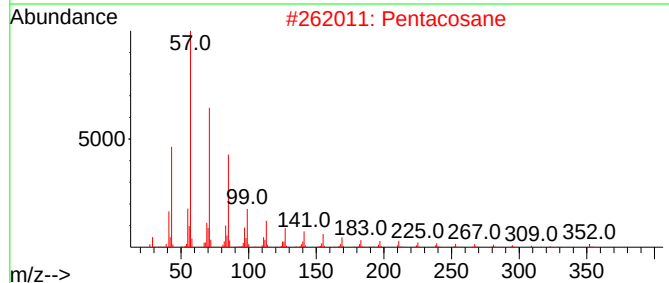
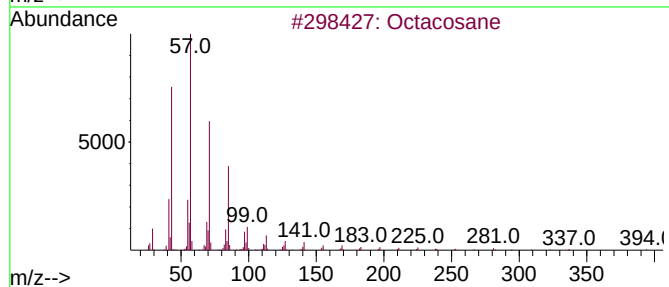
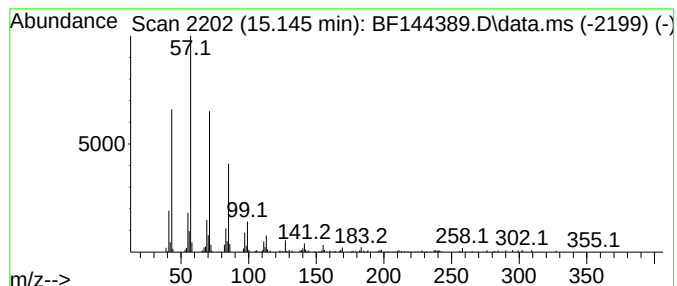
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	6.21 ng	132905	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Pentacosane	352	C25H52	000629-99-2	91
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144389.D
Acq On : 01 Dec 2025 16:14
Operator : RC/JU
Sample : Q3725-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-SAMPLES

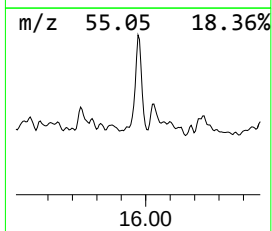
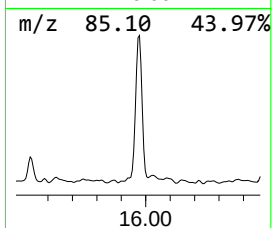
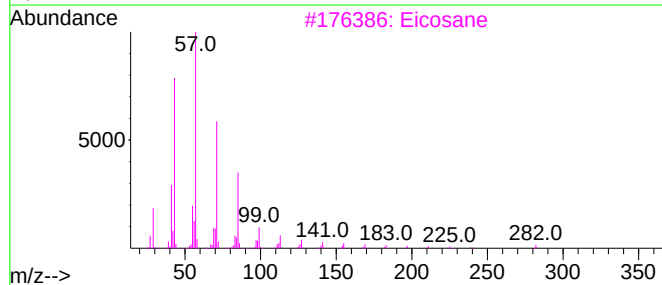
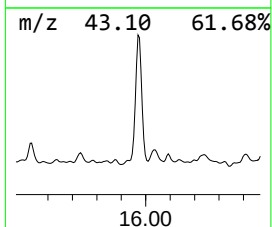
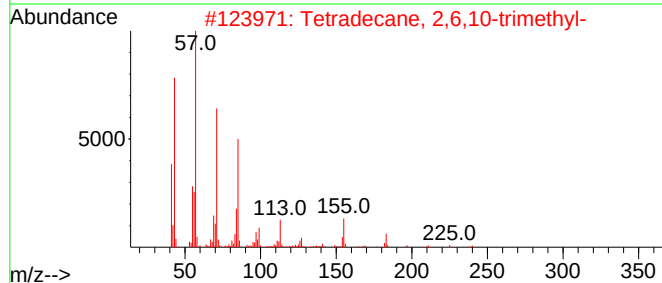
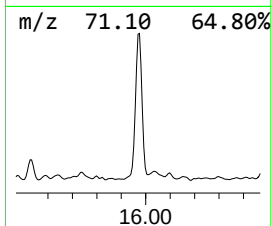
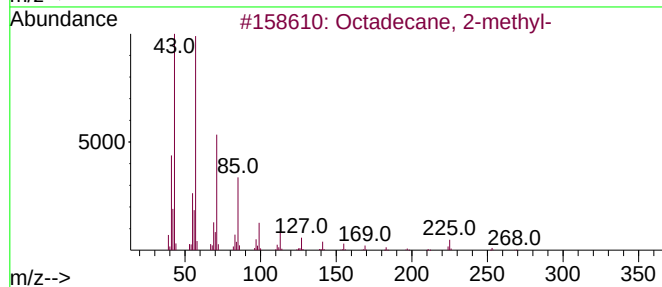
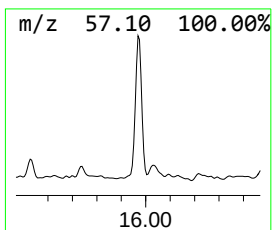
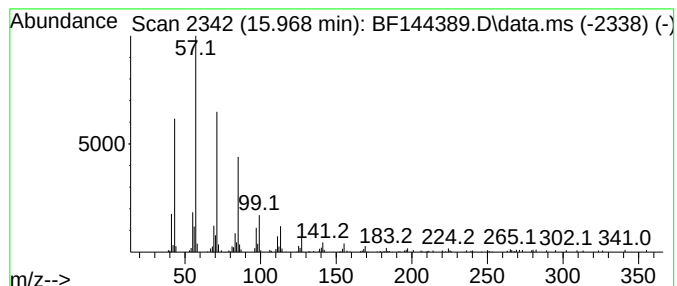
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.969	9.25 ng	197872	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
3			Eicosane	282	C20H42	000112-95-8	91
4			Octacosane	394	C28H58	000630-02-4	90
5			Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144389.D
Acq On : 01 Dec 2025 16:14
Operator : RC/JU
Sample : Q3725-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

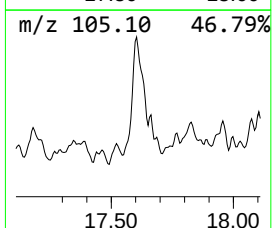
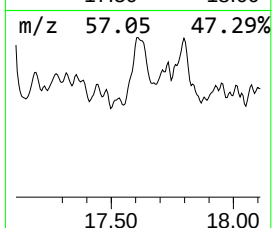
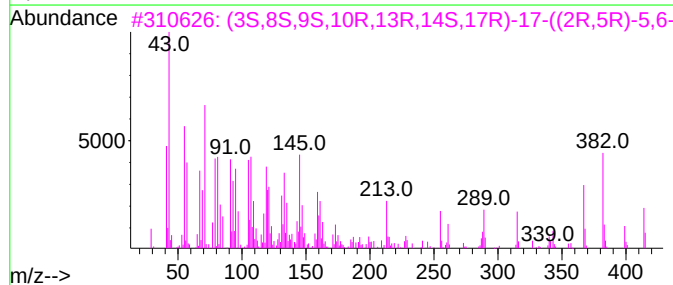
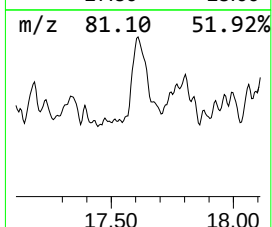
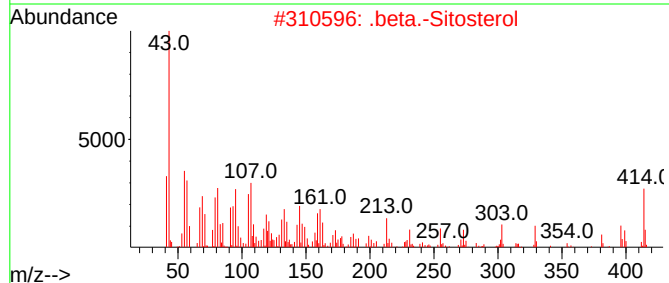
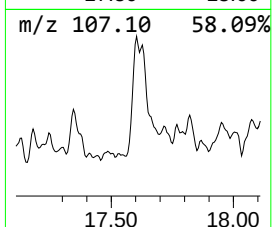
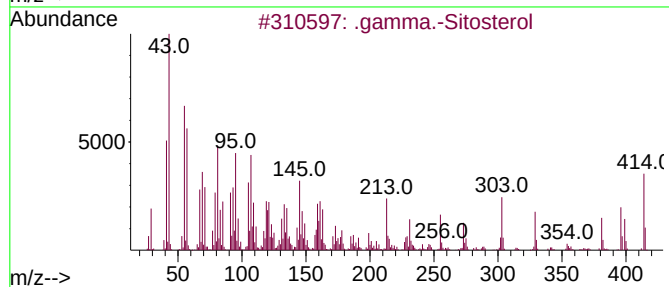
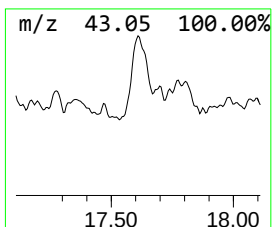
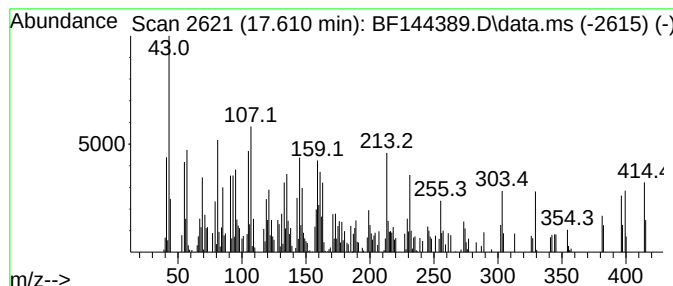
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-SAMPLES

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.610	9.66 ng	206587	Perylene-d12	15.527	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	89
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	72
3	(3S,8S,9S,10R,13R,14S,17R)-17-((...)	414	C29H50O	029365-29-5	43
4	Campesterol	400	C28H48O	000474-62-4	38
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144389.D
Acq On : 01 Dec 2025 16:14
Operator : RC/JU
Sample : Q3725-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-SAMPLES

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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	10.616	5.5	ng	115128	3	9.898	416527	20.0
n-Hexadecanoic ...	11.916	17.3	ng	355844	4	11.392	411555	20.0
Octadecanoic acid	12.698	4.9	ng	101628	4	11.392	411555	20.0
Eicosyl heptafl...	13.874	6.4	ng	155237	5	14.045	484719	20.0
Nonadecane, 1-c...	14.504	3.8	ng	91757	5	14.045	484719	20.0
Octacosane	15.145	6.2	ng	132905	6	15.527	427890	20.0
Octadecane, 2-m...	15.969	9.3	ng	197872	6	15.527	427890	20.0
.gamma.-Sitosterol	17.610	9.7	ng	206587	6	15.527	427890	20.0