

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042597.D
 Acq On : 04 Nov 2023 18:29
 Operator : MA/JU
 Sample : 05229-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-1-110223

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_M\Methods\8270-BM103023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042597.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.446	378	384	394	rBV	166986	255112	31.34%	3.510%
2	7.075	656	661	673	rBV	147296	255745	31.42%	3.519%
3	7.910	795	803	813	rBV	228962	362899	44.58%	4.994%
4	9.110	1002	1007	1016	rBV	88762	150823	18.53%	2.075%
5	10.610	1257	1262	1269	rBV3	7654	13341	1.64%	0.184%
6	10.728	1276	1282	1289	rBV	265325	455112	55.91%	6.262%
7	10.798	1289	1294	1300	rVB7	7078	14778	1.82%	0.203%
8	12.069	1504	1510	1516	rBV2	11451	18060	2.22%	0.249%
9	13.016	1667	1671	1677	rBV4	6996	10584	1.30%	0.146%
10	13.186	1694	1700	1711	rBV	221548	339904	41.75%	4.677%
11	13.316	1716	1722	1726	rVB	16657	25190	3.09%	0.347%
12	13.963	1823	1832	1838	rBV5	9134	17368	2.13%	0.239%
13	14.386	1900	1904	1911	rBV	24270	33687	4.14%	0.464%
14	14.480	1914	1920	1927	rVV8	7559	18826	2.31%	0.259%
15	14.563	1927	1934	1945	rVB	397102	594159	72.99%	8.176%
16	15.339	2061	2066	2071	rVB	30467	35024	4.30%	0.482%
17	15.733	2128	2133	2140	rVB	13684	22785	2.80%	0.314%
18	16.057	2183	2188	2201	rBV	184028	291109	35.76%	4.006%
19	16.204	2208	2213	2220	rBV2	43866	72861	8.95%	1.003%
20	16.998	2344	2348	2351	rBV	31956	37636	4.62%	0.518%
21	17.039	2351	2355	2359	rVB2	16960	23333	2.87%	0.321%
22	17.316	2396	2402	2408	rBV	517657	706865	86.83%	9.727%
23	17.739	2470	2474	2480	rVB	29750	35037	4.30%	0.482%
24	17.933	2503	2507	2512	rVB	76404	88814	10.91%	1.222%
25	18.163	2542	2546	2553	rBV	93064	155975	19.16%	2.146%
26	18.433	2588	2592	2597	rVB	36007	42515	5.22%	0.585%
27	19.080	2696	2702	2705	rBV2	433013	547107	67.21%	7.528%
28	19.110	2705	2707	2719	rVB2	221911	303392	37.27%	4.175%
29	19.239	2726	2729	2733	rBV	40516	48464	5.95%	0.667%
30	19.445	2760	2764	2768	rBV	49719	67753	8.32%	0.932%
31	19.645	2796	2798	2802	rVB	47739	50082	6.15%	0.689%
32	19.927	2842	2846	2854	rBV	395008	509825	62.63%	7.015%
33	20.180	2887	2889	2893	rBV	44177	44114	5.42%	0.607%
34	21.498	3109	3113	3119	rBV	639845	805024	98.89%	11.077%
35	23.921	3520	3525	3532	rVB	419028	814060	100.00%	11.202%

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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_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

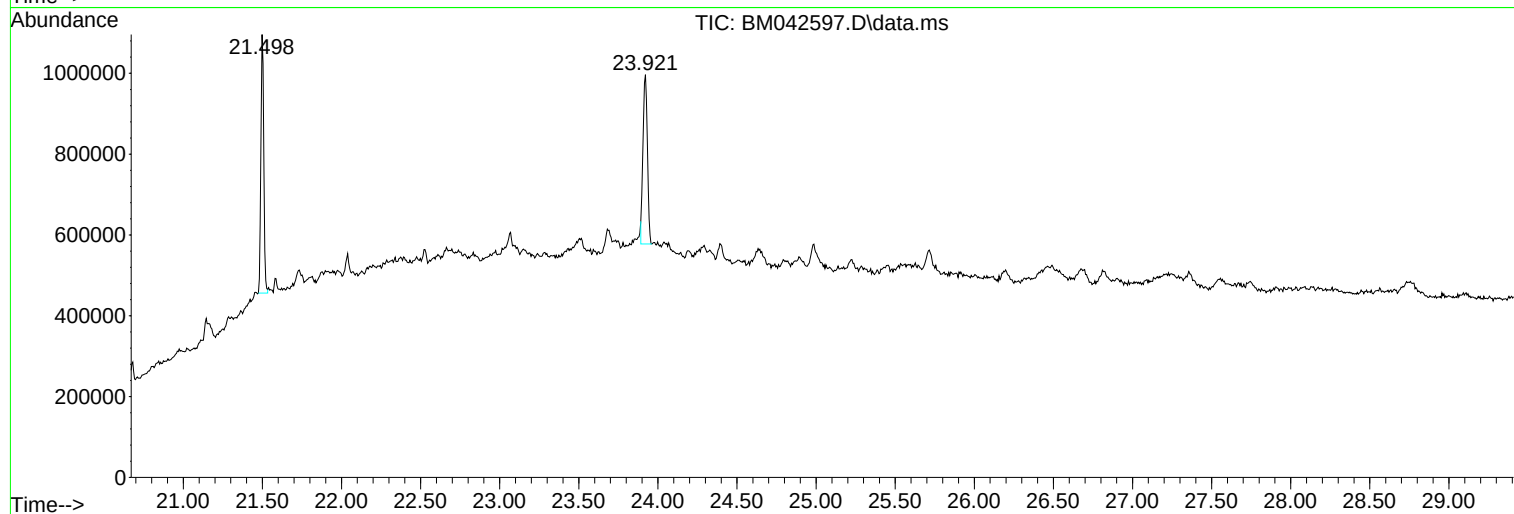
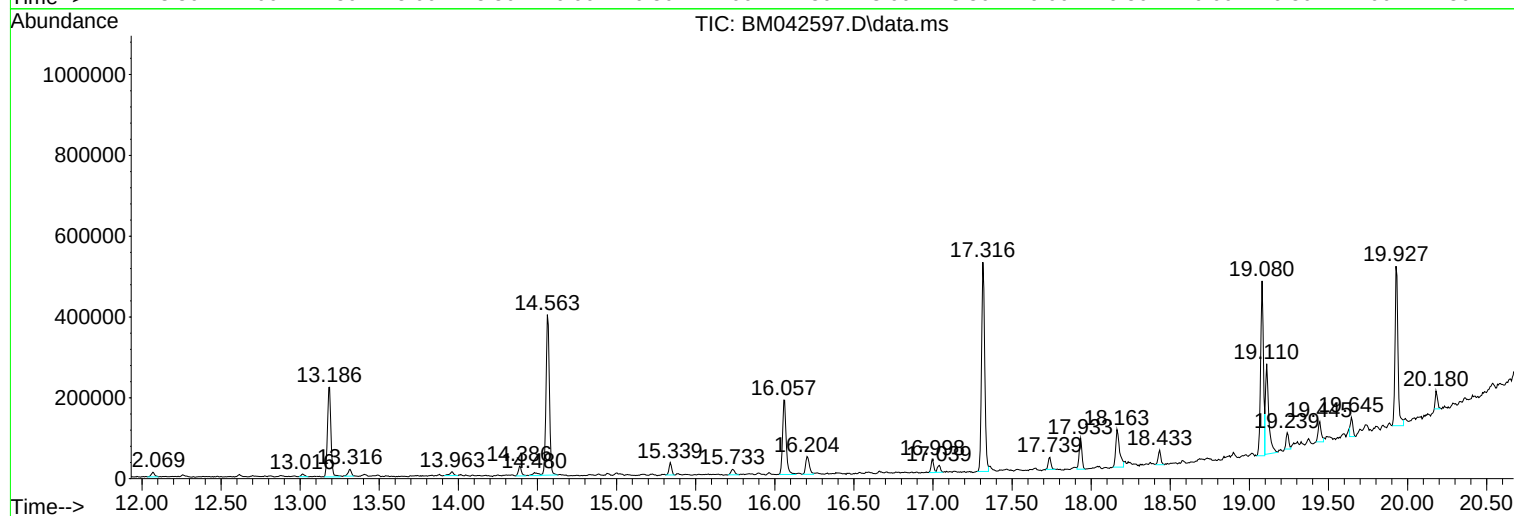
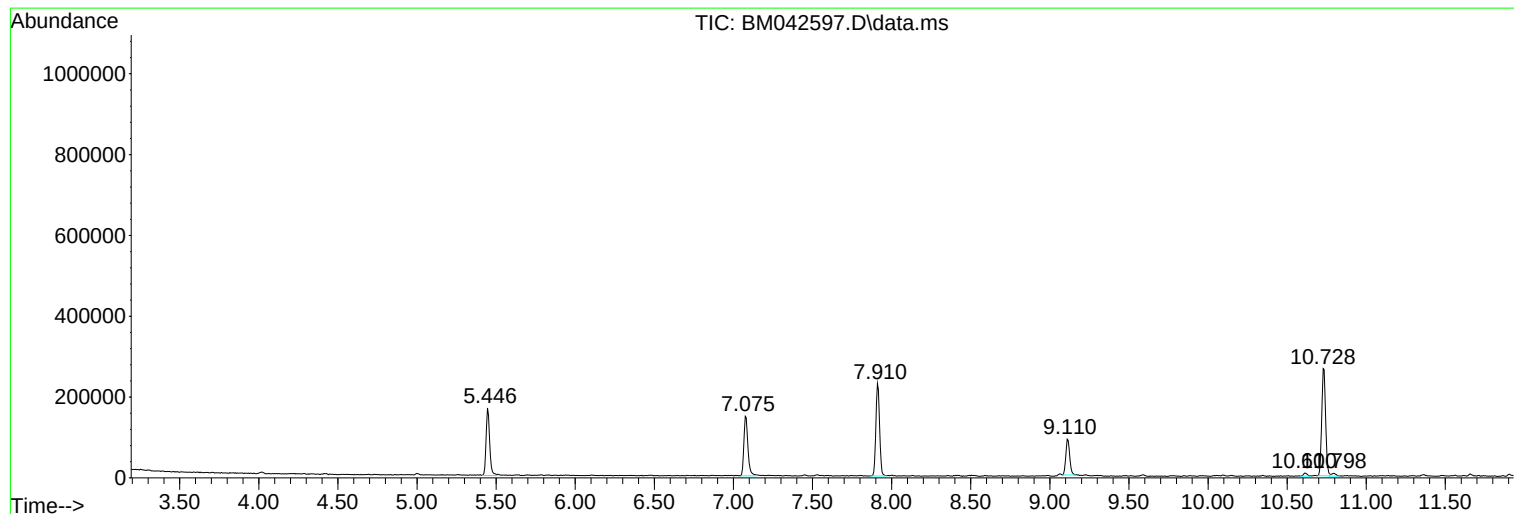
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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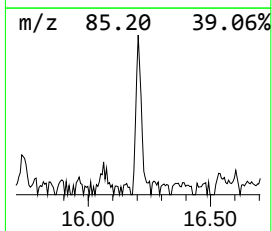
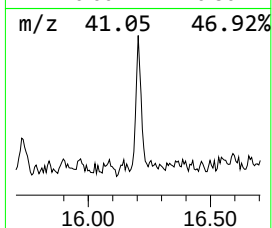
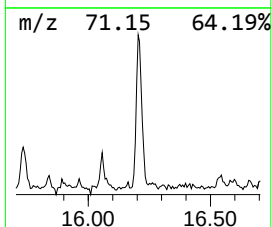
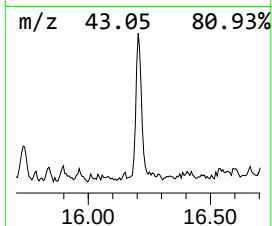
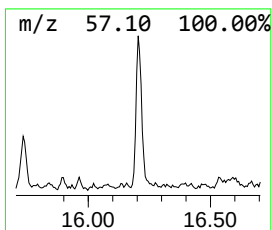
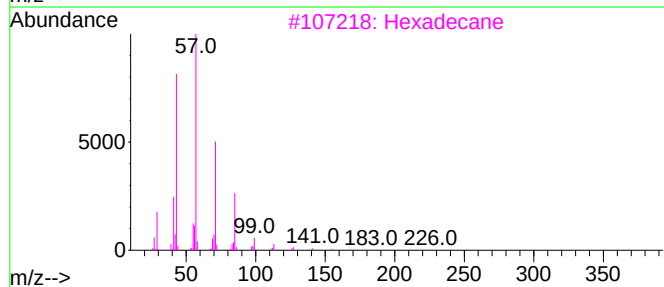
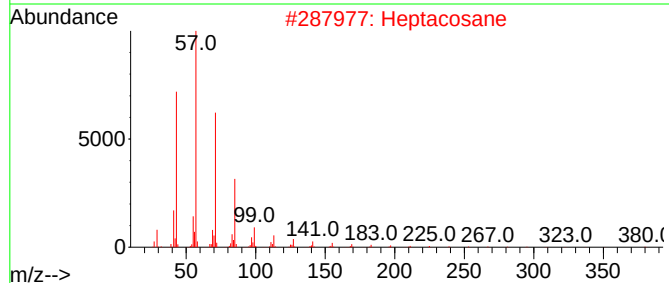
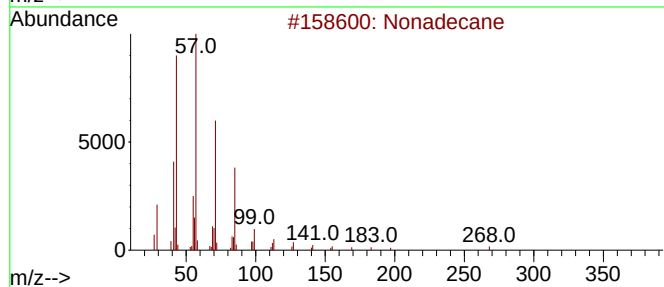
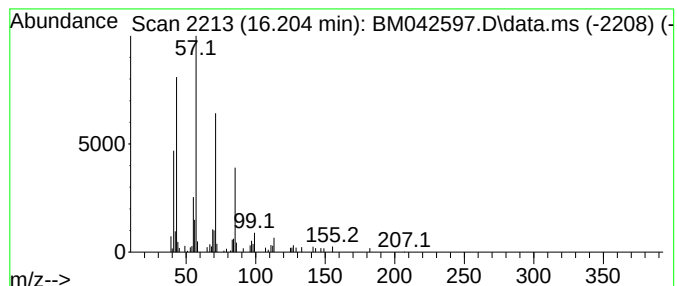
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	2.06 ng	72861	Phenanthrene-d10	17.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Pentadecane	212	C15H32	000629-62-9	86



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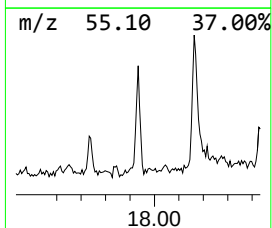
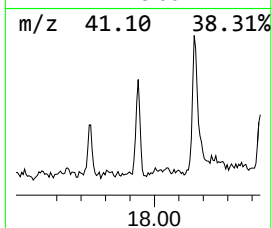
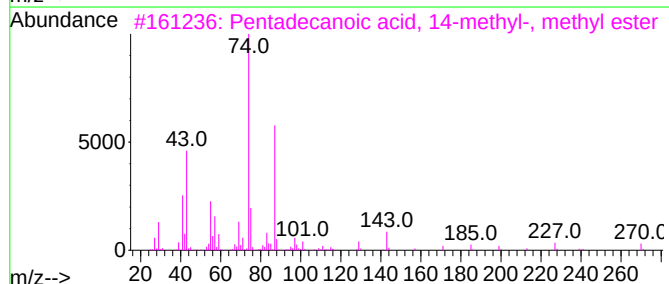
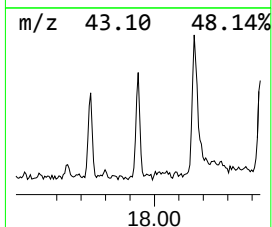
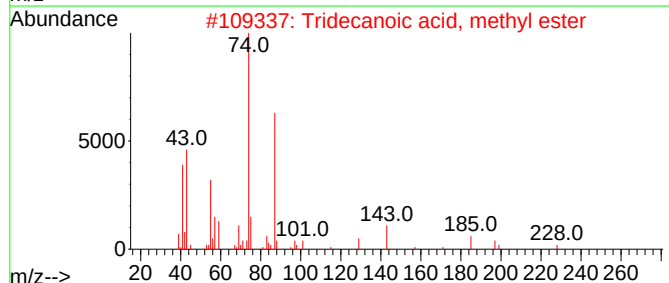
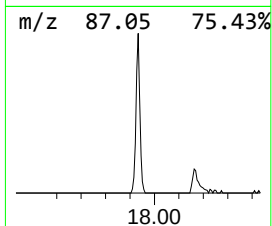
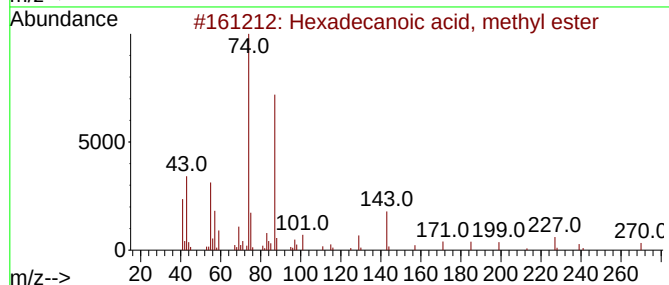
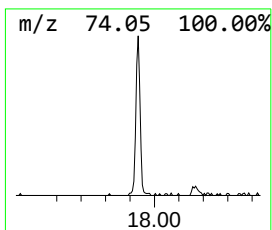
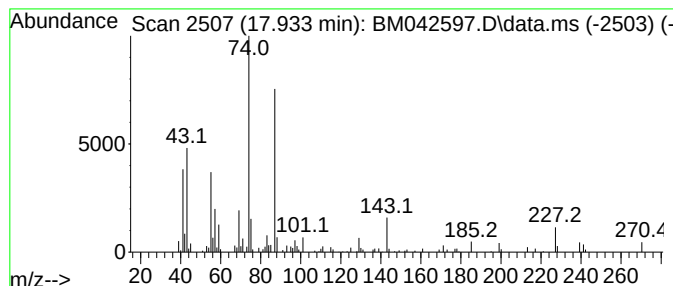
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	2.51 ng	88814	Phenanthrene-d10	17.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	78



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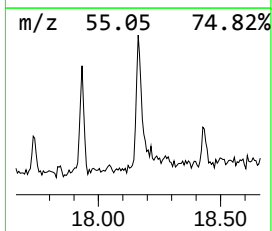
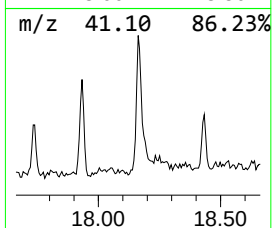
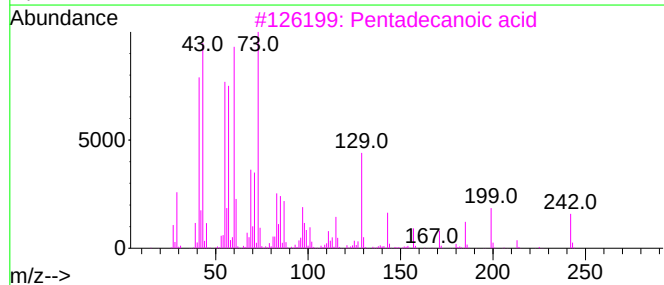
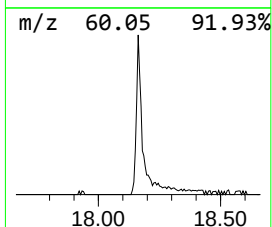
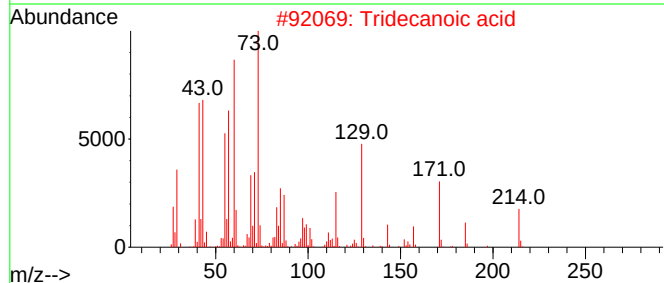
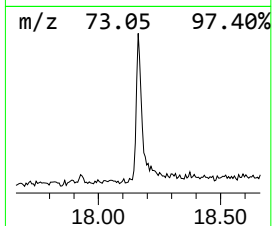
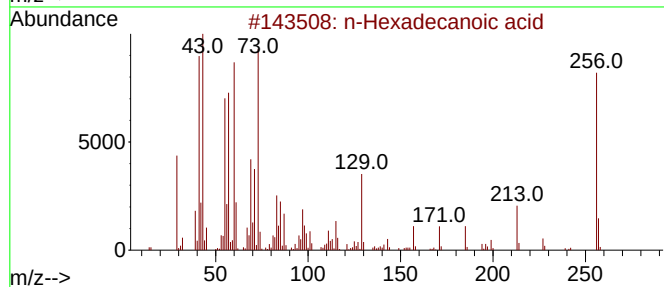
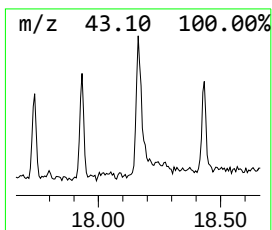
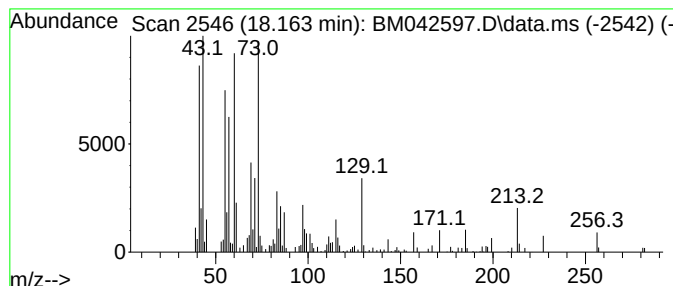
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.163	4.41 ng	155975	Phenanthrene-d10		17.316	
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	62
5	Undecanoic acid		186	C11H22O2	000112-37-8	53



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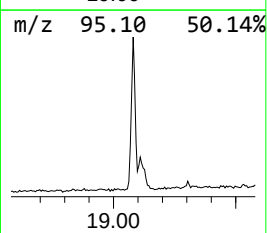
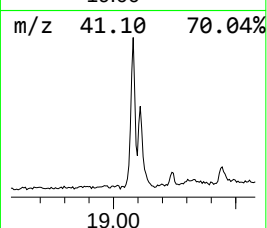
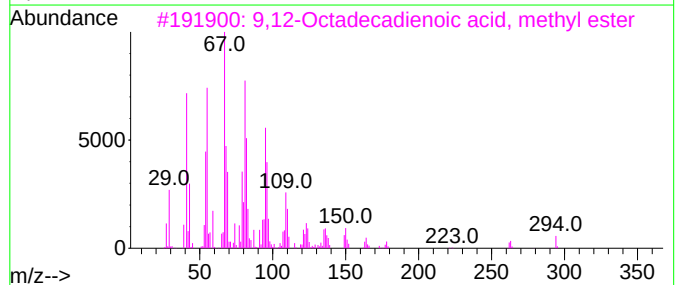
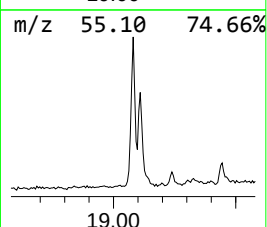
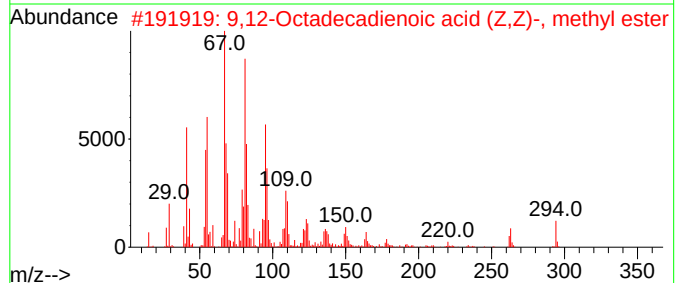
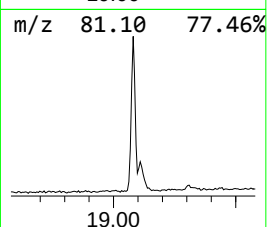
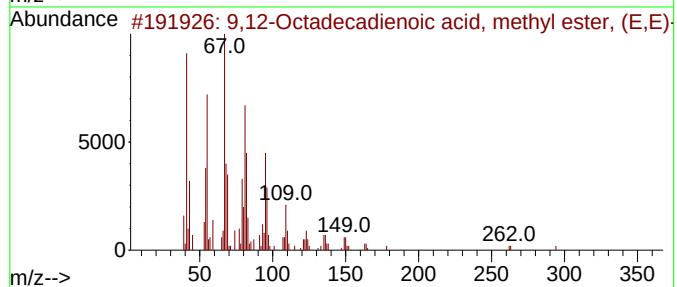
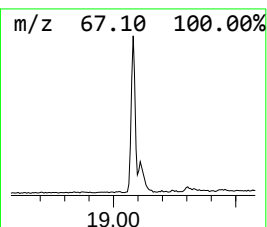
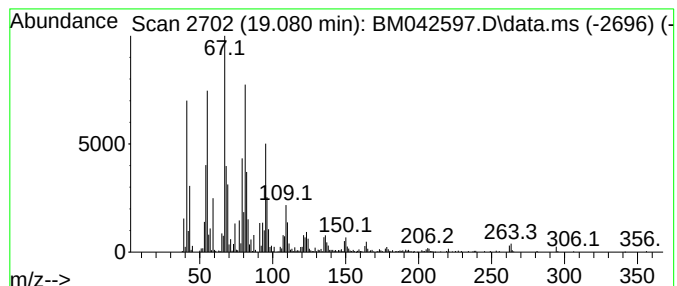
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.080	15.48 ng	547107	Phenanthrene-d10	17.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98



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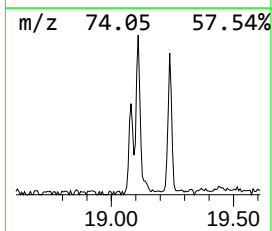
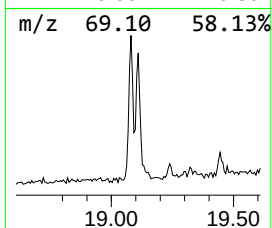
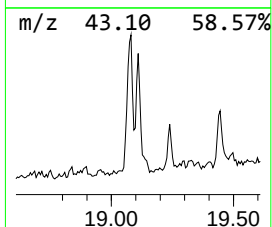
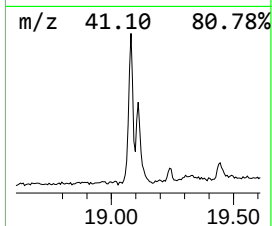
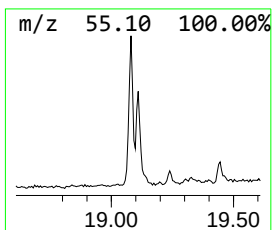
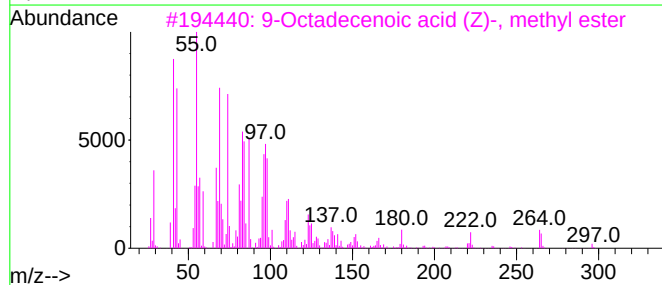
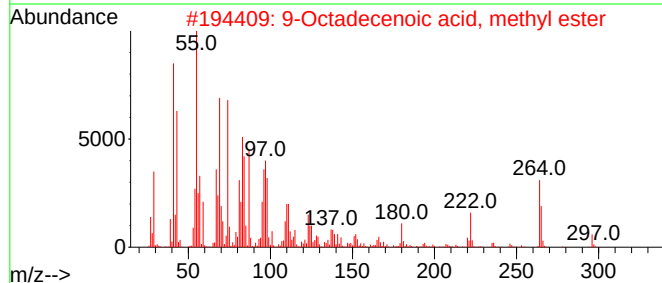
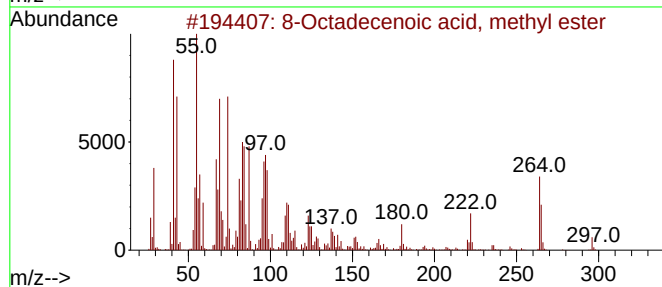
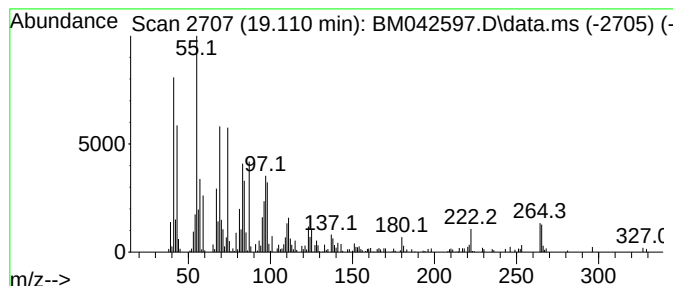
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BNA_M
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 8-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.110	8.58 ng	303392	Phenanthrene-d10	17.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042597.D
Acq On : 04 Nov 2023 18:29
Operator : MA/JU
Sample : 05229-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-1-110223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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
Nonadecane	16.204	2.1	ng	72861	4	17.316	706865	20.0
Hexadecanoic ac...	17.933	2.5	ng	88814	4	17.316	706865	20.0
n-Hexadecanoic ...	18.163	4.4	ng	155975	4	17.316	706865	20.0
9,12-Octadecadi...	19.080	15.5	ng	547107	4	17.316	706865	20.0
8-Octadecenoic ...	19.110	8.6	ng	303392	4	17.316	706865	20.0