

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042429.D
 Acq On : 24 Oct 2023 20:56
 Operator : MA/JU
 Sample : 04981-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-10192023

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-BM102123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042429.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	316	321	331	rVB	136960	184997	1.20%	0.217%
2	5.523	390	397	405	rBV	1038746	1486045	9.64%	1.741%
3	7.146	666	673	686	rVB	994795	1593719	10.34%	1.867%
4	7.993	810	817	824	rBV	643516	1007746	6.54%	1.181%
5	9.152	1007	1014	1016	rBV2	165093	264517	1.72%	0.310%
6	9.187	1016	1020	1027	rVB	580324	958817	6.22%	1.123%
7	9.681	1094	1104	1111	rVB5	102623	240770	1.56%	0.282%
8	10.699	1272	1277	1284	rBV	284621	427982	2.78%	0.501%
9	10.816	1291	1297	1304	rVV	857482	1433342	9.30%	1.679%
10	10.881	1304	1308	1315	rVB2	184202	340124	2.21%	0.398%
11	10.981	1315	1325	1334	rBV10	45795	178854	1.16%	0.210%
12	11.452	1399	1405	1409	rBV2	141857	253636	1.64%	0.297%
13	11.746	1451	1455	1460	rVB	187636	266910	1.73%	0.313%
14	11.987	1491	1496	1500	rBV	149550	222638	1.44%	0.261%
15	12.151	1519	1524	1529	rBV	456327	626300	4.06%	0.734%
16	12.340	1552	1556	1564	rVB5	120697	249078	1.62%	0.292%
17	12.699	1611	1617	1621	rBV3	210813	363024	2.35%	0.425%
18	12.781	1627	1631	1639	rBV7	123867	255435	1.66%	0.299%
19	12.963	1655	1662	1666	rBV3	165099	321761	2.09%	0.377%
20	13.098	1680	1685	1691	rBV3	212131	316823	2.05%	0.371%
21	13.169	1694	1697	1706	rVB3	70239	157234	1.02%	0.184%
22	13.257	1706	1712	1718	rBV	1508255	2212778	14.35%	2.592%
23	13.393	1729	1735	1740	rVB	667379	922344	5.98%	1.081%
24	13.557	1761	1763	1768	rVB3	132818	186902	1.21%	0.219%
25	14.040	1837	1845	1848	rBV2	247733	403760	2.62%	0.473%
26	14.122	1856	1859	1863	rVB2	117518	163009	1.06%	0.191%
27	14.328	1888	1894	1898	rBV6	98077	201779	1.31%	0.236%
28	14.463	1913	1917	1925	rVB	804730	1060968	6.88%	1.243%
29	14.640	1942	1947	1956	rVB	1251224	1800886	11.68%	2.110%
30	15.016	2008	2011	2017	rVB2	120752	179055	1.16%	0.210%
31	15.075	2017	2021	2025	rBV3	182552	308181	2.00%	0.361%
32	15.151	2031	2034	2039	rVB2	124911	167741	1.09%	0.197%
33	15.416	2075	2079	2083	rVV	932388	1096404	7.11%	1.284%
34	15.463	2084	2087	2092	rVB2	106931	159528	1.03%	0.187%
35	15.810	2141	2146	2152	rBV	368736	624248	4.05%	0.731%
36	16.039	2181	2185	2193	rVB3	141120	198776	1.29%	0.233%

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

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37	16.128	2195	2200	2211	rVB	1064805	1600130	10.38%	1.875%
38	16.281	2221	2226	2233	rBV	1192163	1746328	11.33%	2.046%
39	17.075	2357	2361	2364	rBV	919749	1045303	6.78%	1.225%
40	17.116	2364	2368	2373	rVB	342468	455159	2.95%	0.533%
41	17.392	2409	2415	2419	rBV	1483351	2095542	13.59%	2.455%
42	17.816	2482	2487	2492	rBV	848603	1000157	6.49%	1.172%
43	18.010	2515	2520	2525	rVB	3146786	3675115	23.84%	4.305%
44	18.245	2555	2560	2568	rBV	2034403	2818763	18.28%	3.302%
45	18.510	2601	2605	2612	rVB	756117	852641	5.53%	0.999%
46	19.157	2709	2715	2718	rBV	11600563	15418973	100.00%	18.063%
47	19.186	2718	2720	2731	rVB2	8068223	10510918	68.17%	12.313%
48	19.316	2737	2742	2747	rBV	1970397	2227577	14.45%	2.610%
49	19.380	2748	2753	2755	rVV	3179141	4033505	26.16%	4.725%
50	19.410	2755	2758	2772	rVV2	3496312	6048919	39.23%	7.086%
51	19.516	2772	2776	2783	rVV	1220841	1535611	9.96%	1.799%
52	19.722	2808	2811	2815	rVB	551996	621231	4.03%	0.728%
53	19.810	2823	2826	2833	rVB	344758	450651	2.92%	0.528%
54	20.004	2854	2859	2866	rVB	2185662	2616035	16.97%	3.065%
55	20.257	2898	2902	2906	rBV	470791	526105	3.41%	0.616%
56	20.410	2924	2928	2931	rBV2	243862	372705	2.42%	0.437%
57	20.751	2984	2986	2990	rVB	305147	305607	1.98%	0.358%
58	21.221	3063	3066	3075	rVB4	334048	584892	3.79%	0.685%
59	21.363	3087	3090	3095	rVB3	242795	277595	1.80%	0.325%
60	21.574	3121	3126	3130	rVB	1530116	1910650	12.39%	2.238%
61	24.039	3540	3545	3552	rVB	918894	1794904	11.64%	2.103%

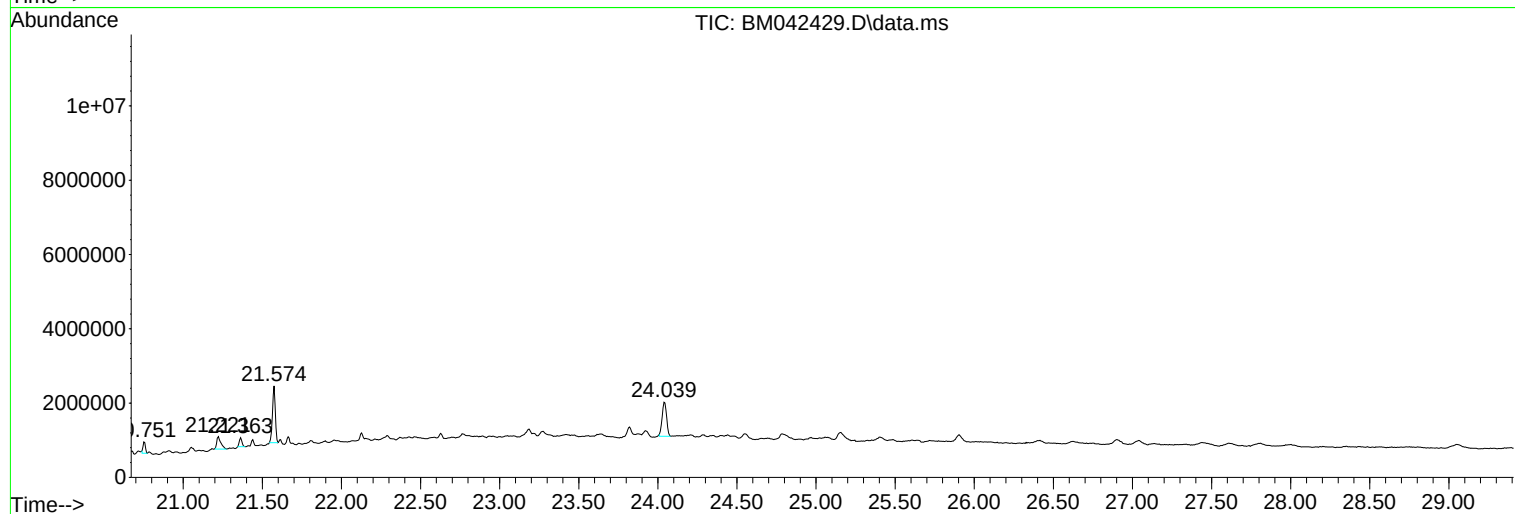
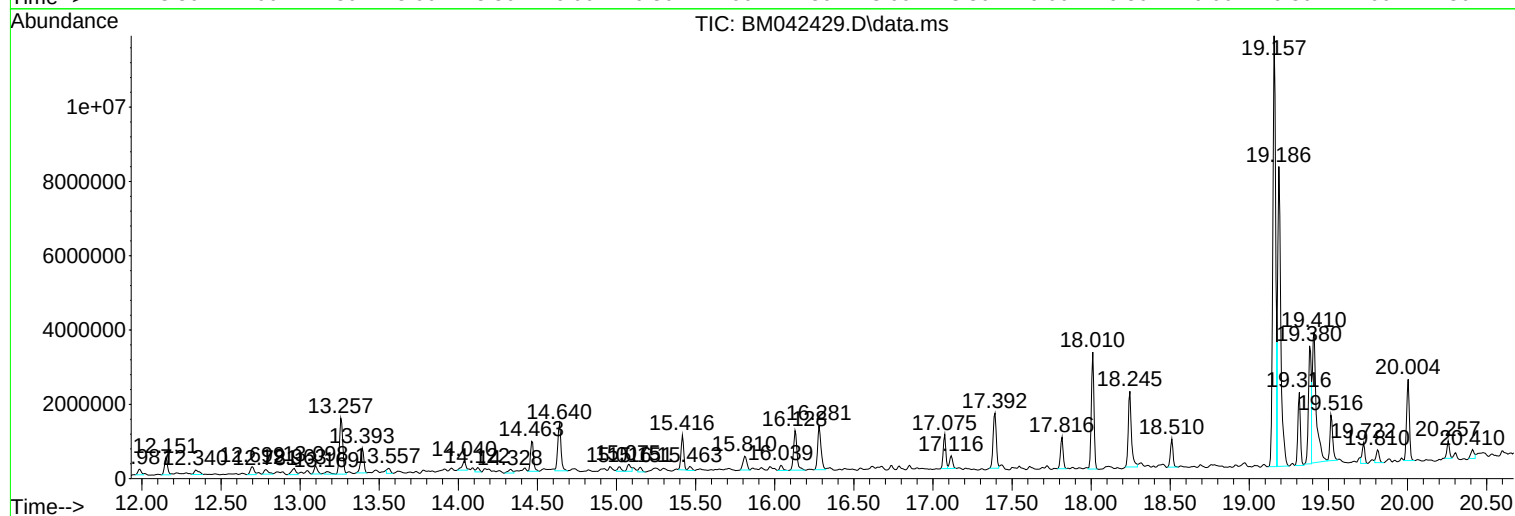
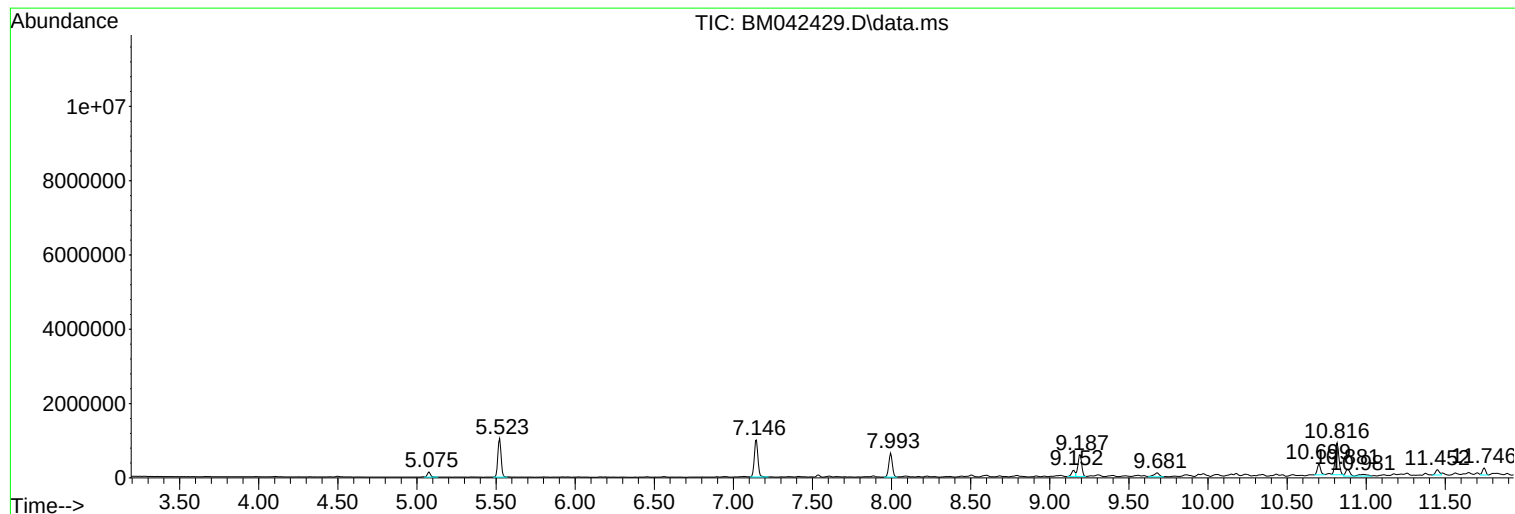
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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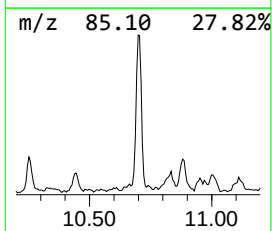
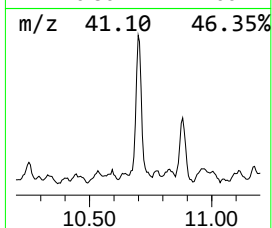
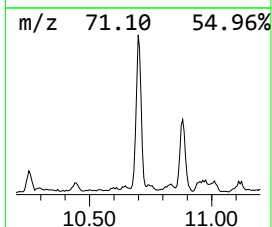
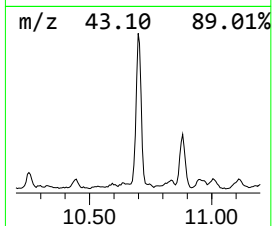
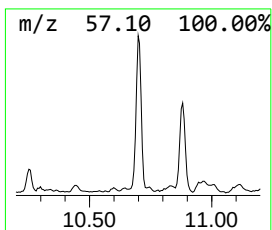
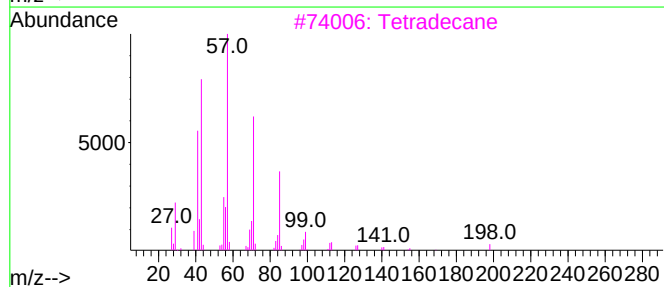
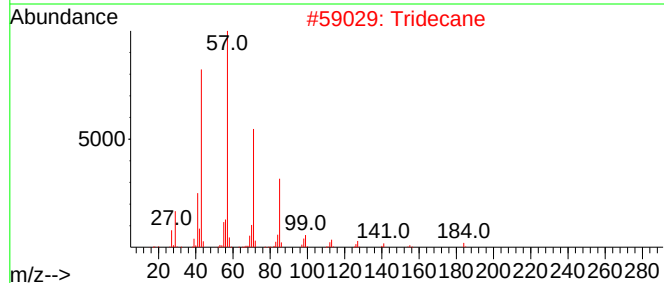
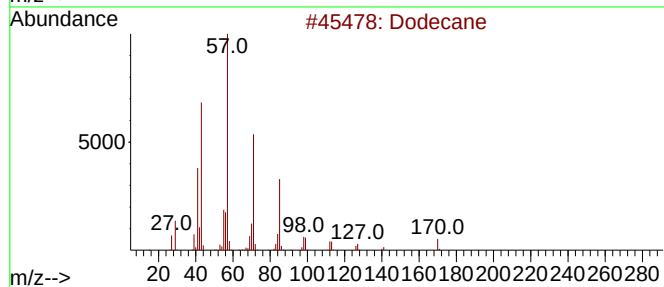
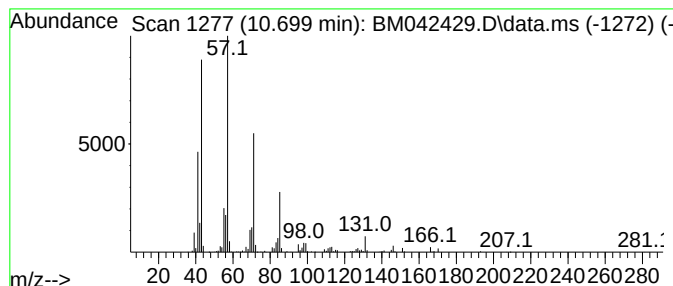
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.699	5.97 ng	427982	Naphthalene-d8	10.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	94
2			Tridecane	184	C13H28	000629-50-5	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Hexadecane	226	C16H34	000544-76-3	80
5			Undecane	156	C11H24	001120-21-4	78



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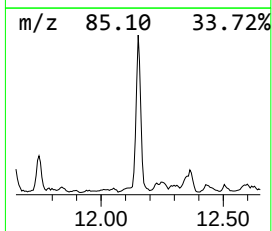
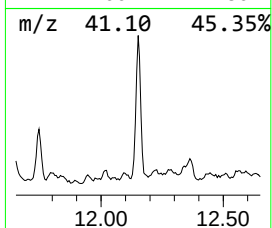
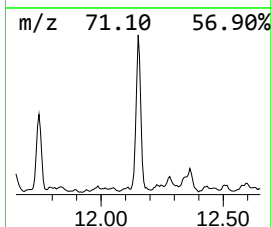
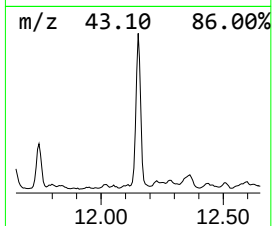
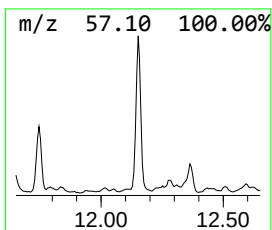
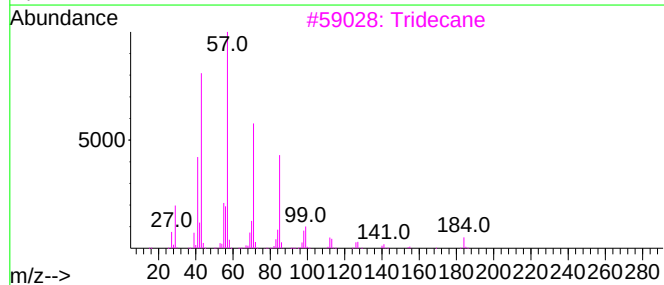
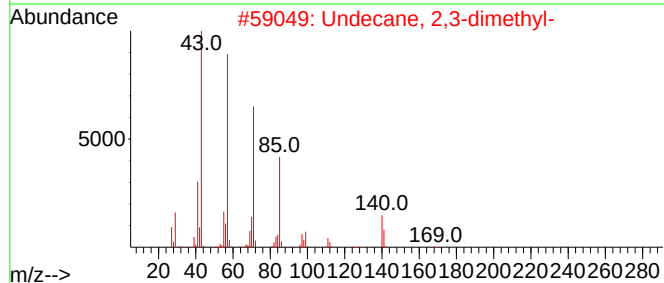
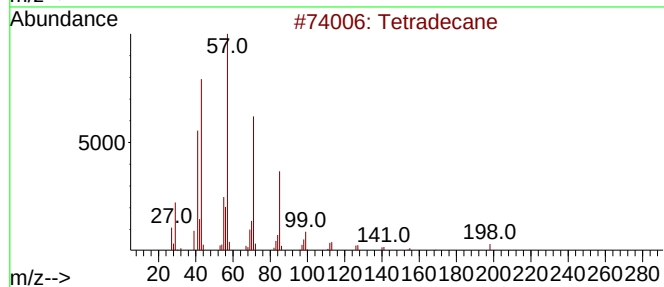
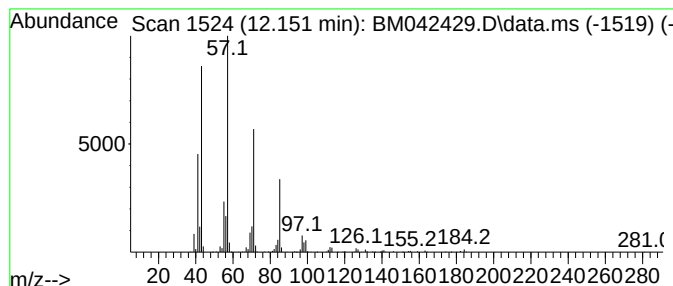
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.152	8.74 ng	626300	Naphthalene-d8	10.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	86
2			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3			Tridecane	184	C13H28	000629-50-5	80
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
5			Hexadecane	226	C16H34	000544-76-3	78



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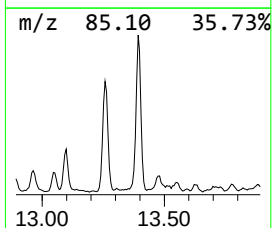
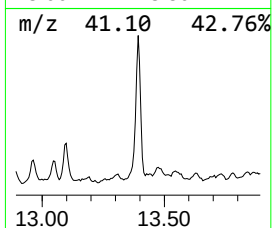
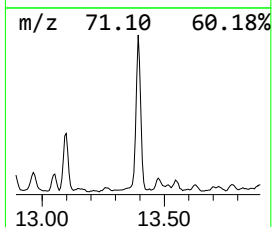
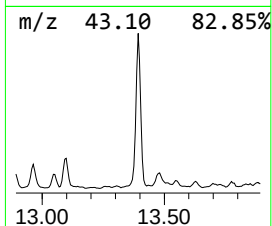
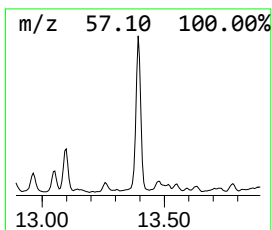
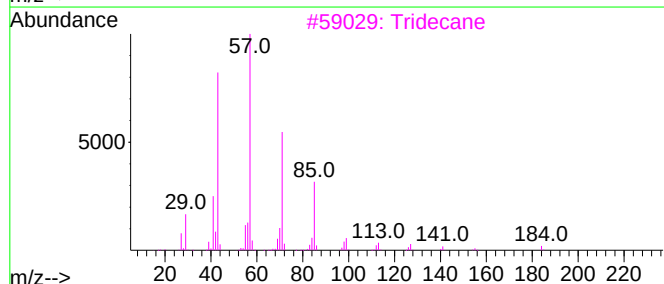
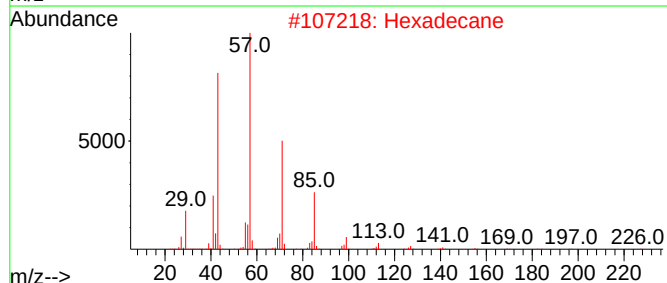
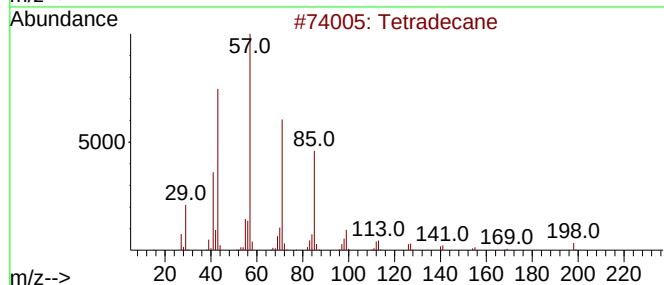
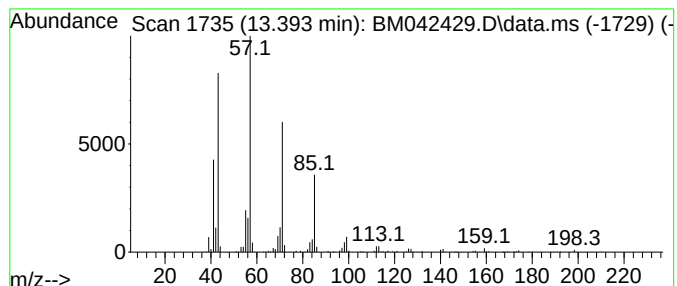
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.393	10.24 ng	922344	Acenaphthene-d10	14.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



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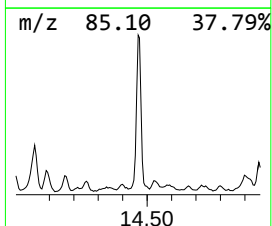
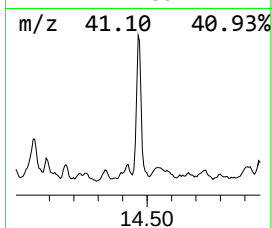
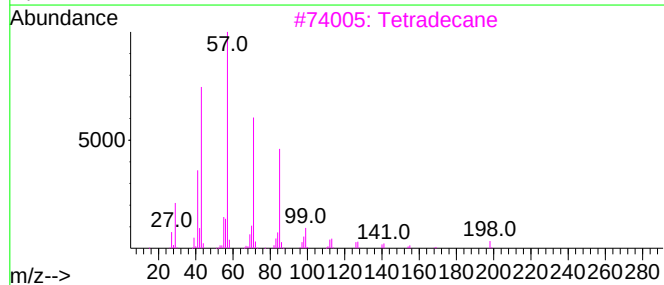
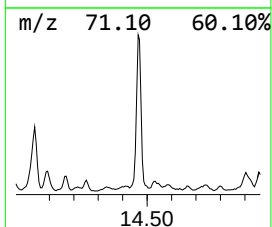
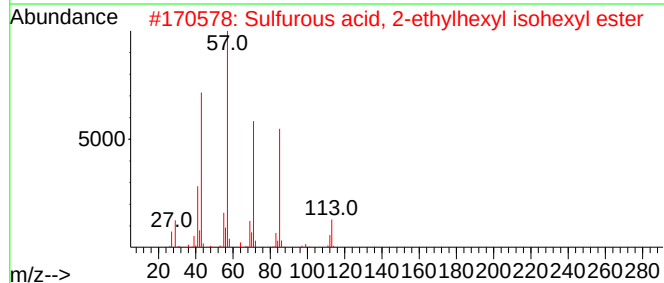
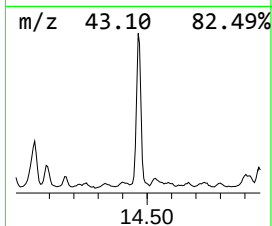
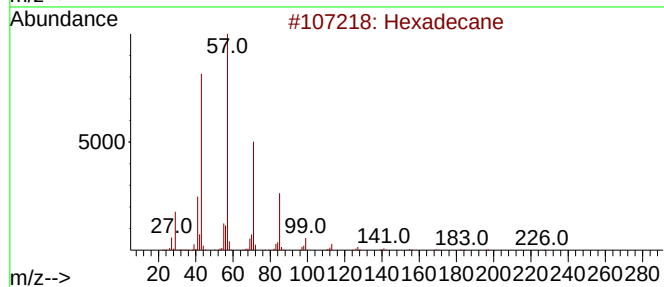
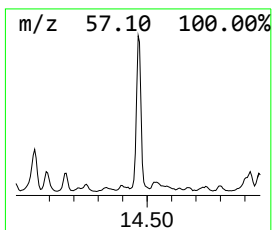
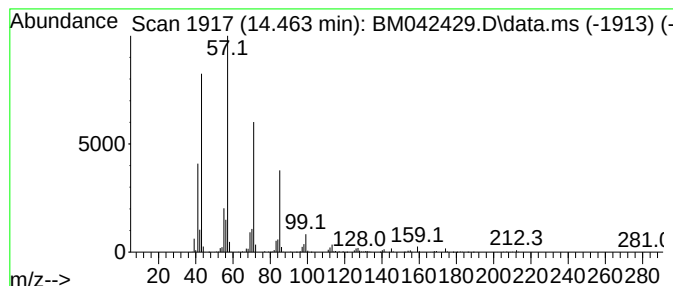
Instrument :
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Sulfurous acid, 2-ethylhexy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.463	11.78 ng	1060970	Acenaphthene-d10	14.640	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	86
3	Tetradecane	198	C14H30	000629-59-4	80
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64



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TR-04-10192023

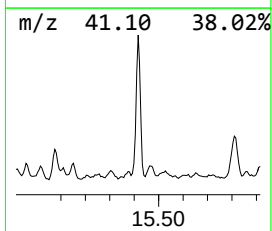
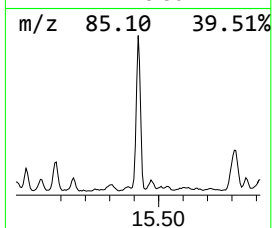
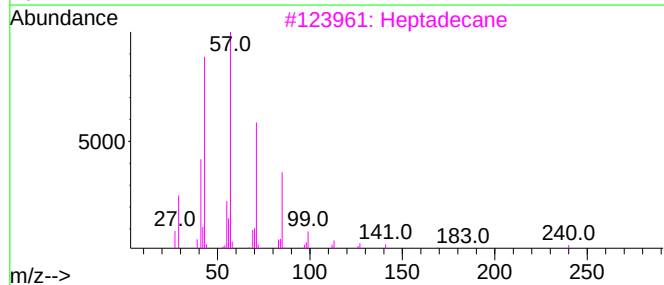
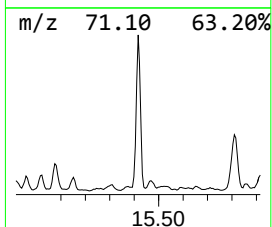
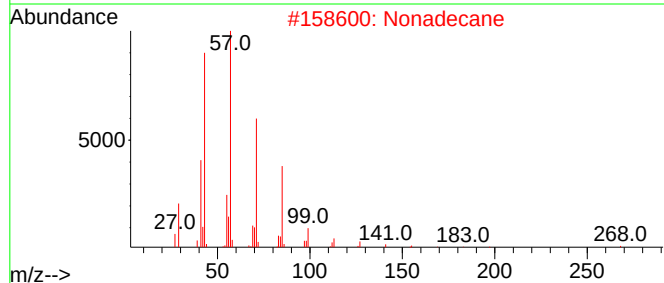
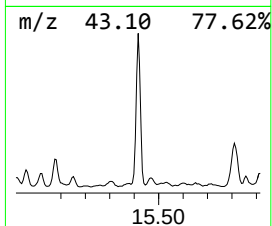
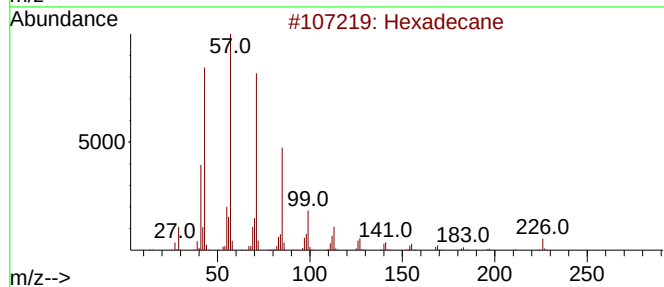
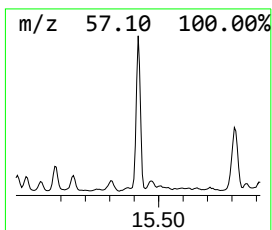
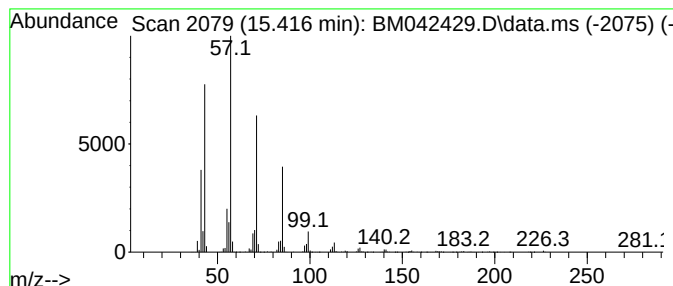
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	12.18 ng	1096400	Acenaphthene-d10	14.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
Sample : 04981-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-04-10192023

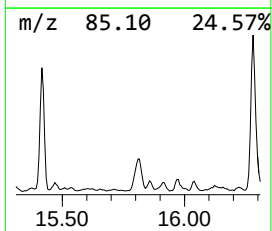
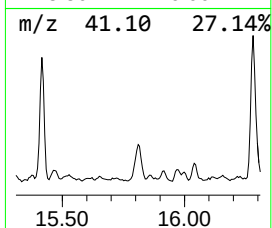
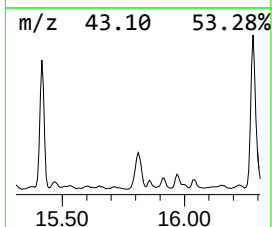
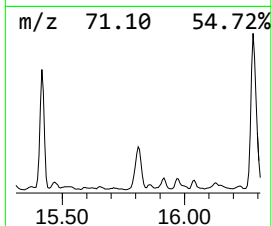
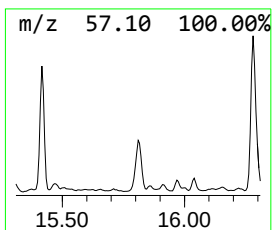
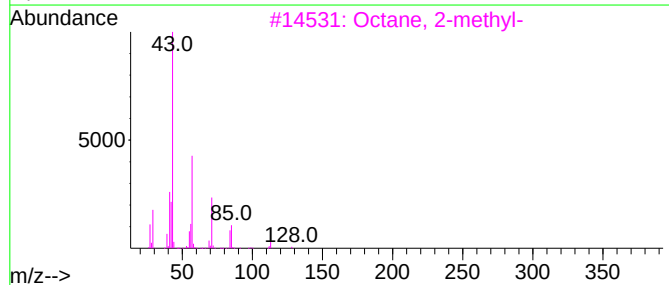
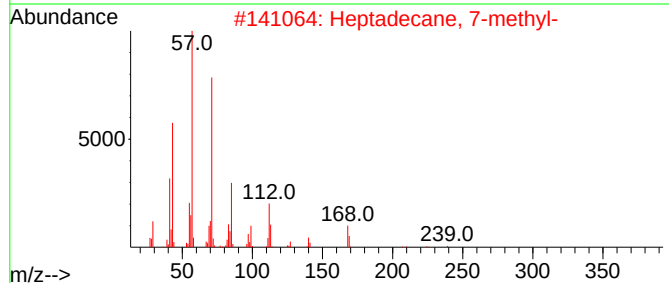
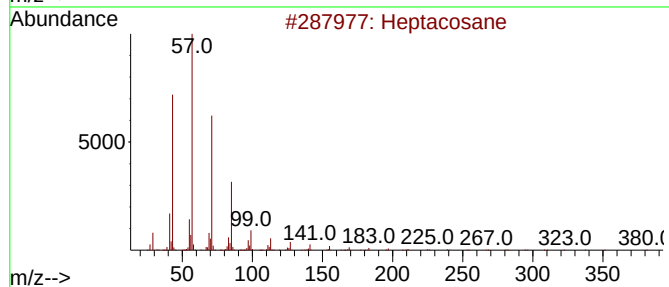
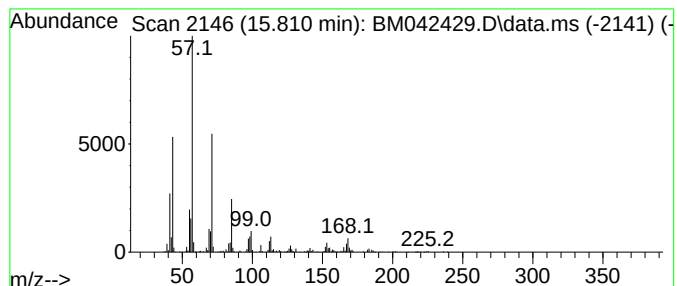
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	6.93 ng	624248	Acenaphthene-d10	14.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	72
2			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64
3			Octane, 2-methyl-	128	C9H20	003221-61-2	58
4			Octacosane	394	C28H58	000630-02-4	58
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
Sample : 04981-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-04-10192023

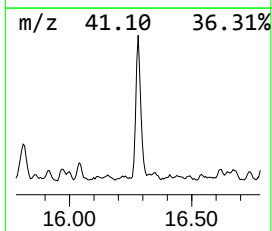
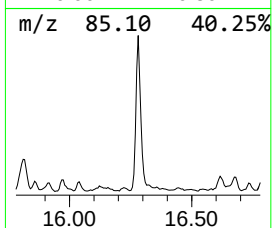
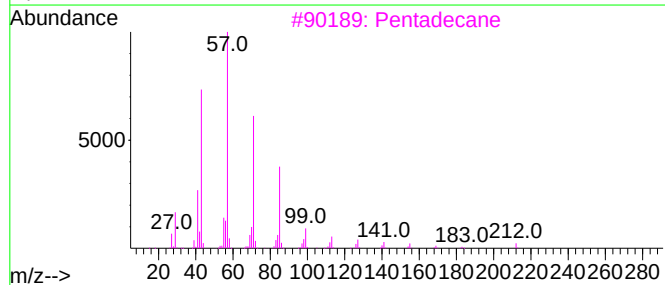
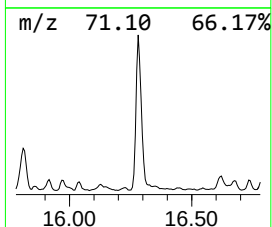
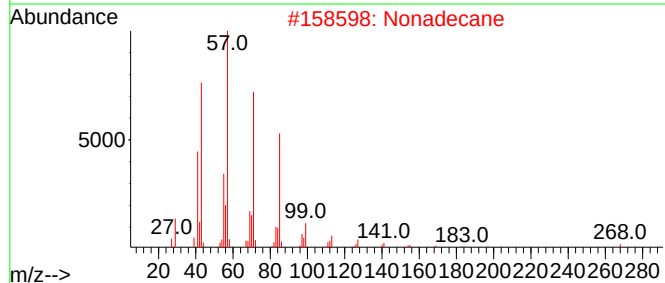
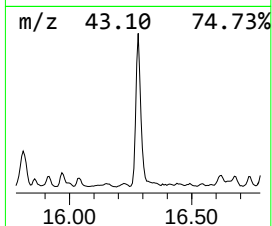
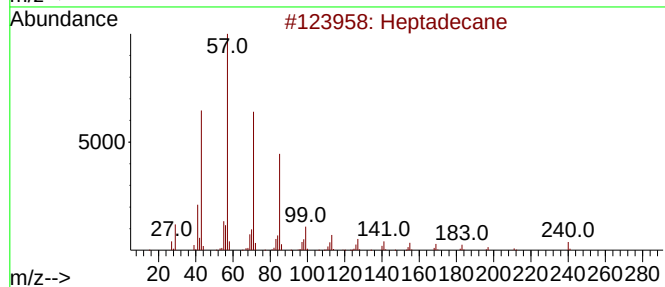
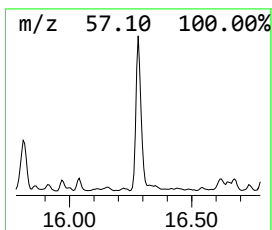
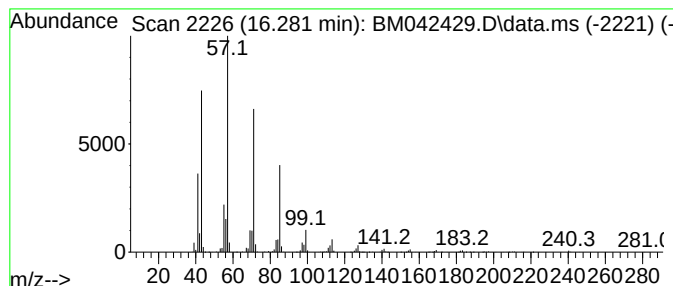
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	16.67 ng	1746330	Phenanthrene-d10	17.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Nonadecane	268	C19H40	000629-92-5	87
3			Pentadecane	212	C15H32	000629-62-9	86
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
Sample : 04981-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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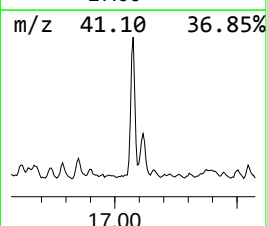
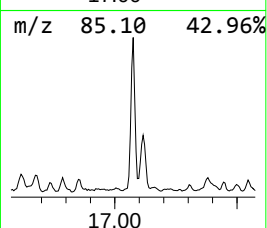
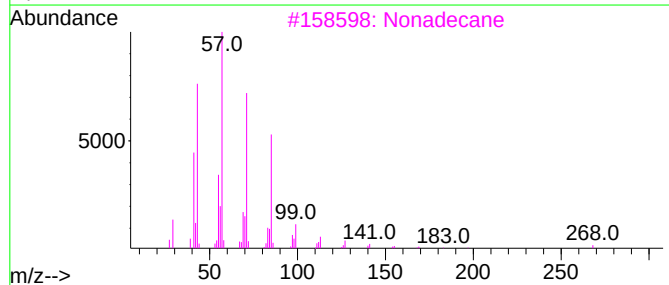
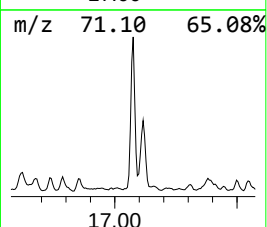
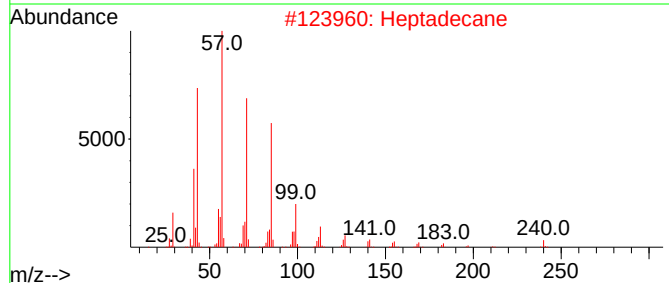
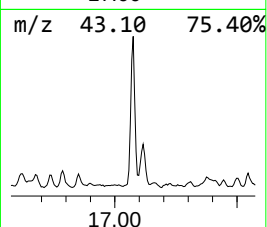
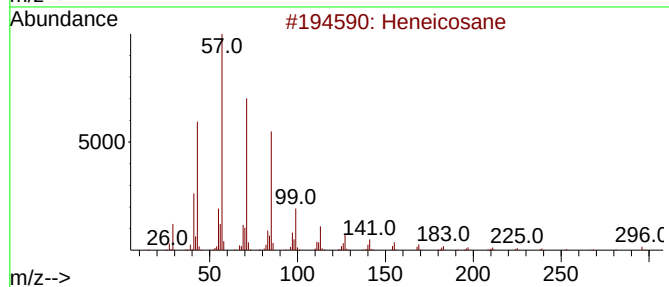
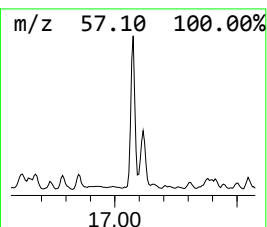
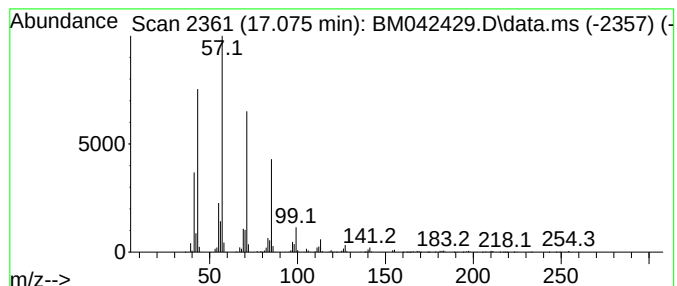
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.075	9.98 ng	1045300	Phenanthrene-d10	17.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Nonadecane	268	C19H40	000629-92-5	87
4			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
Sample : 04981-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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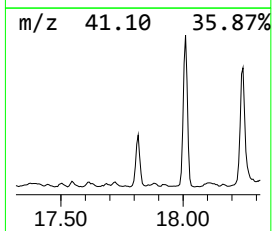
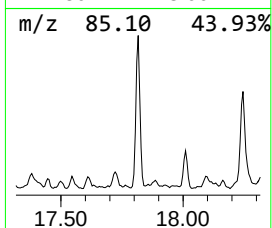
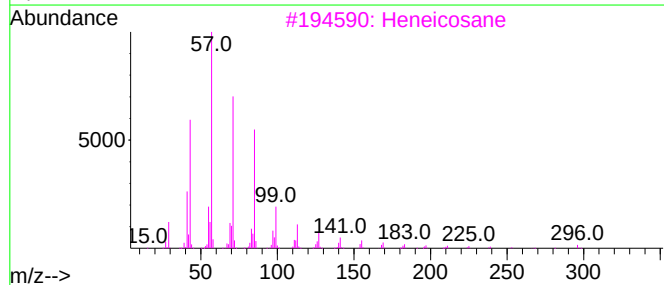
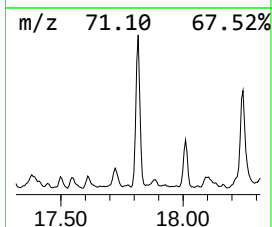
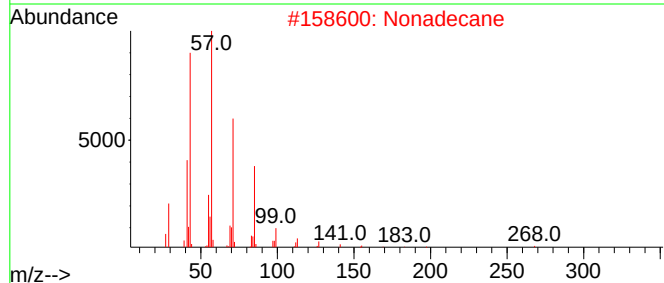
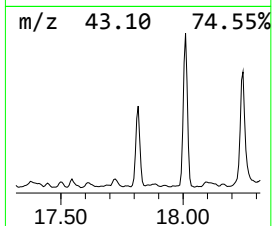
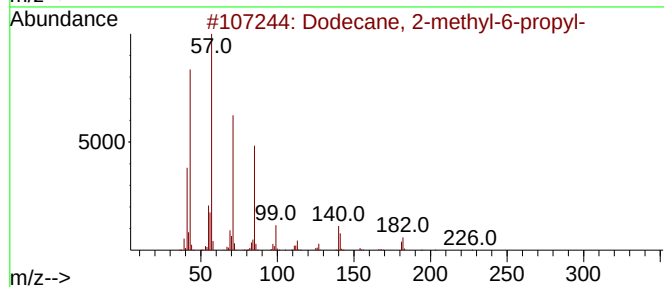
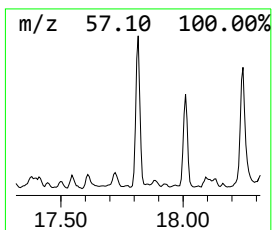
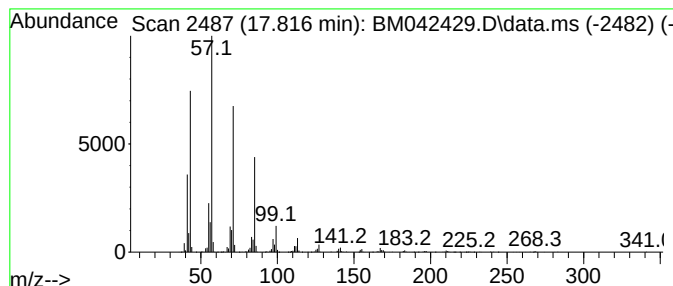
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.816	9.55 ng	1000160	Phenanthrene-d10	17.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
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Misc :
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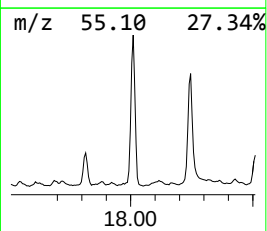
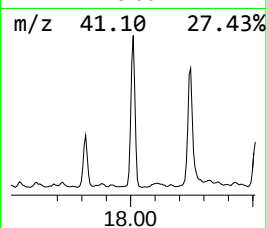
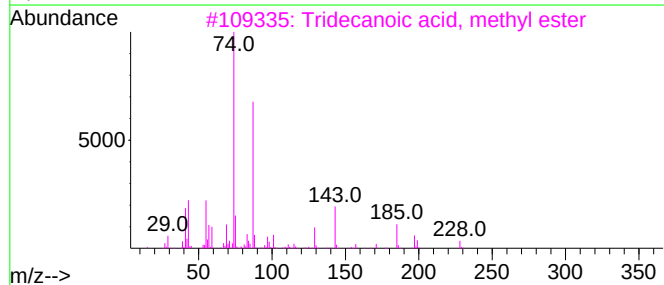
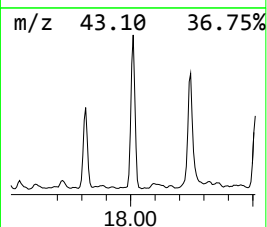
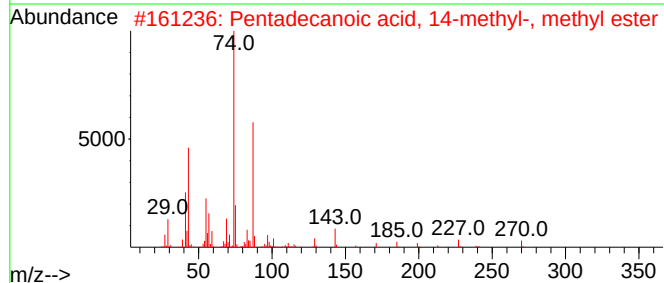
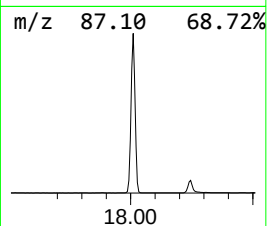
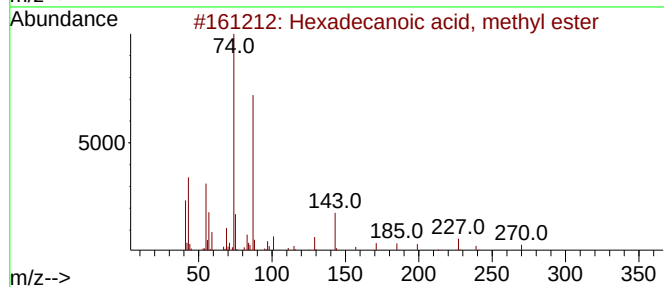
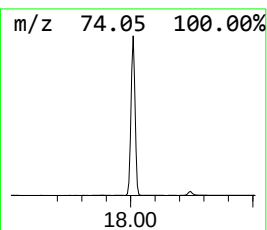
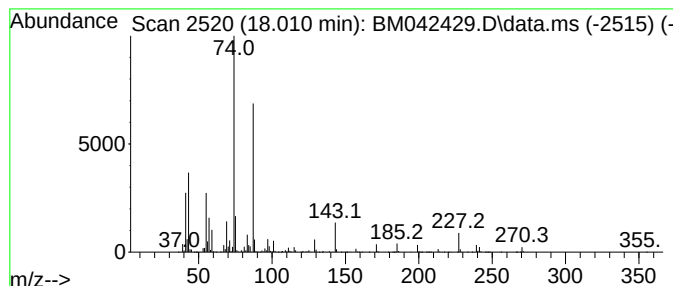
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	35.08 ng	3675120	Phenanthrene-d10	17.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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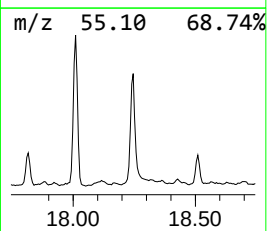
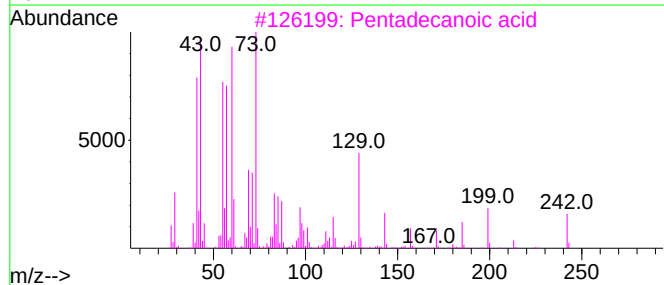
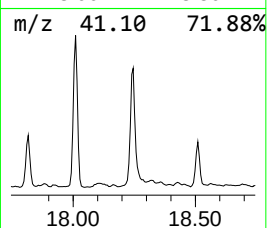
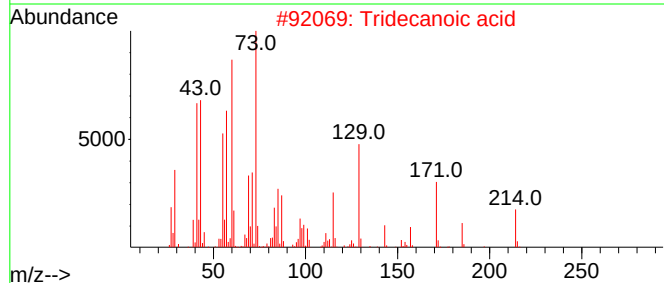
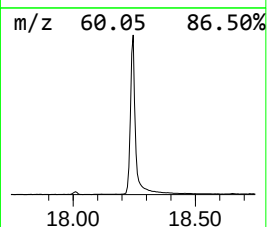
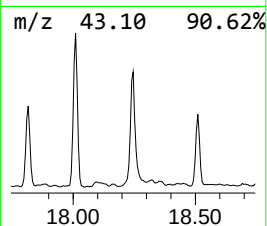
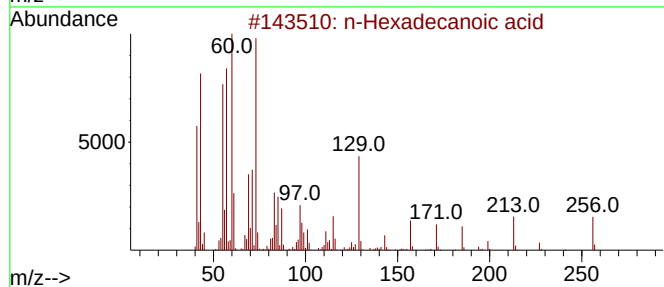
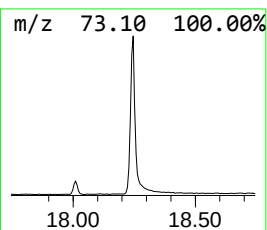
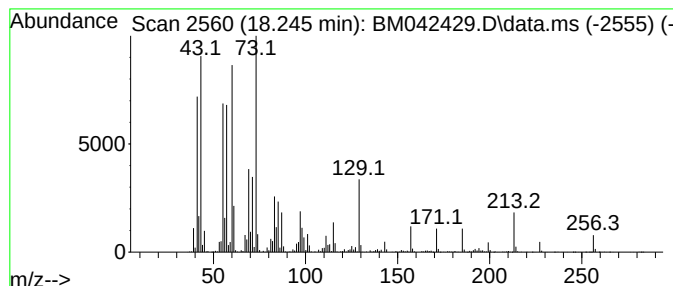
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	26.90 ng	2818760	Phenanthrene-d10	17.392

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	96
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
Sample : 04981-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-04-10192023

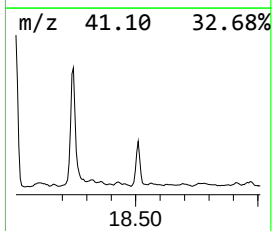
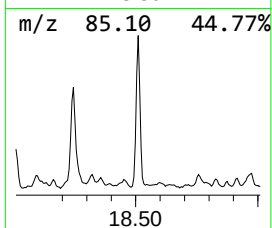
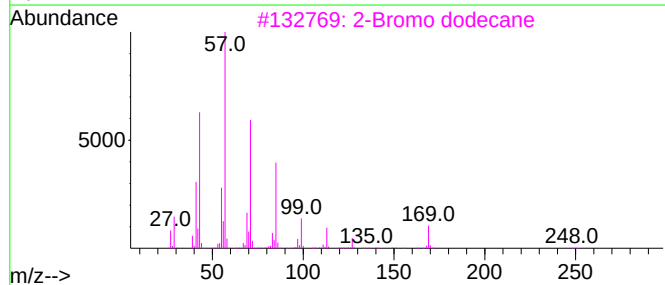
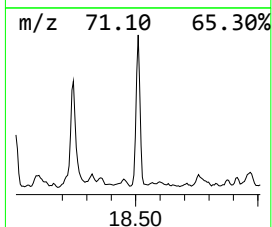
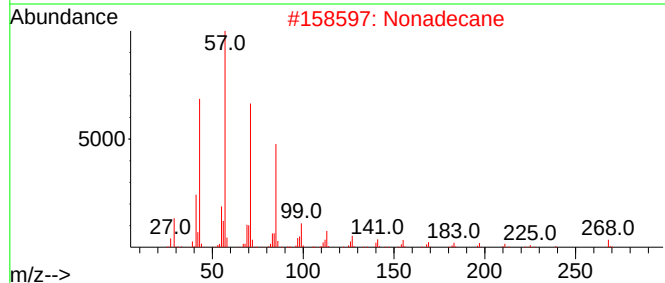
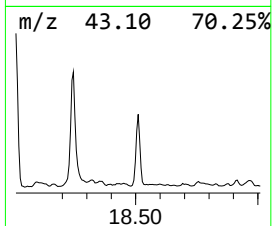
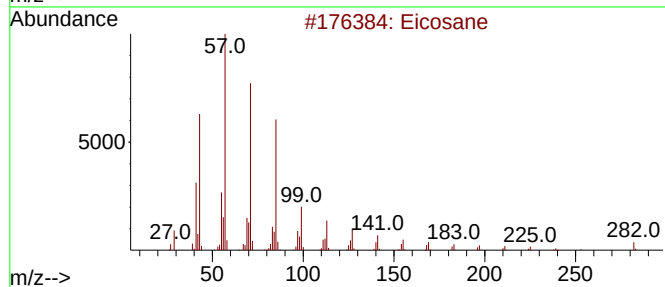
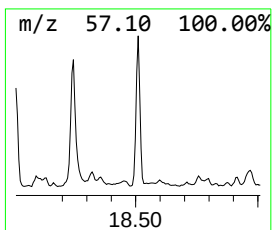
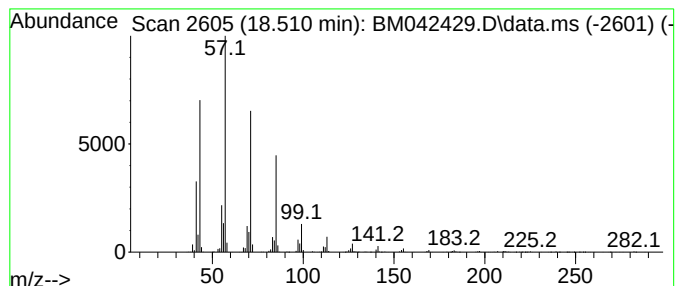
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	8.14 ng	852641	Phenanthrene-d10	17.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	96
2		Nonadecane	268	C19H40	000629-92-5	94
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
Sample : 04981-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-04-10192023

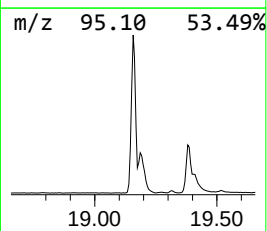
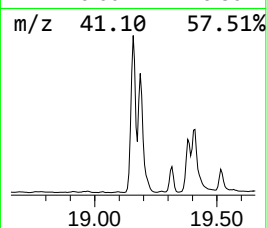
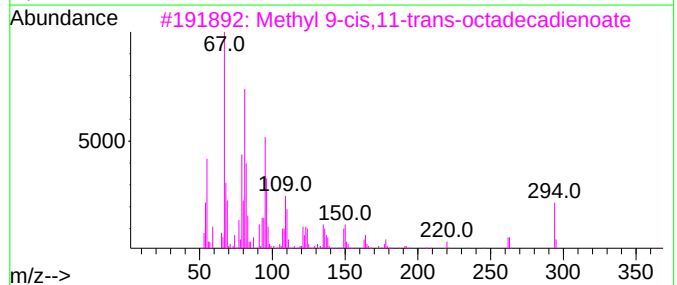
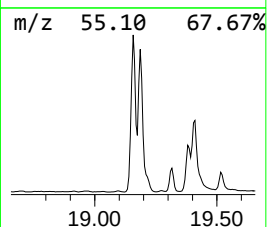
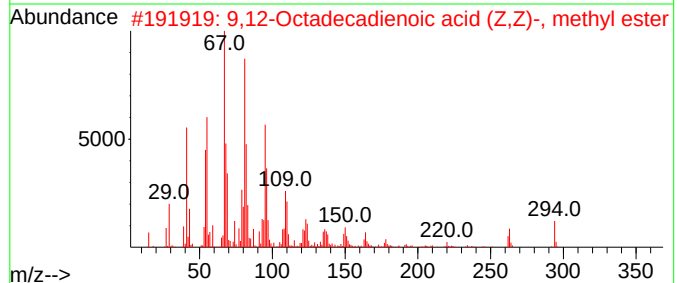
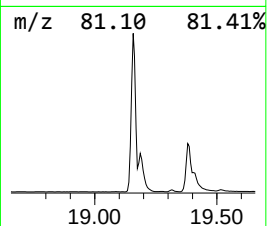
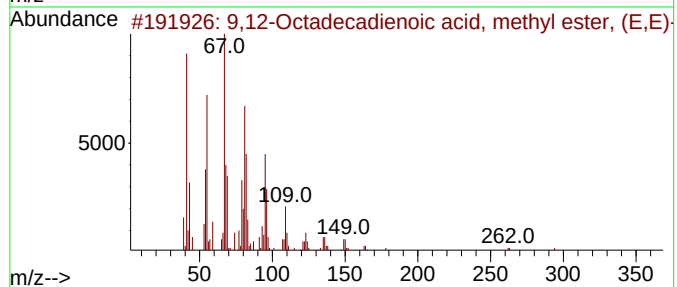
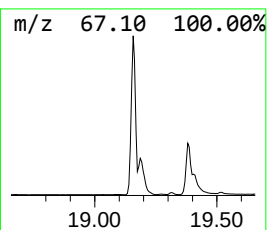
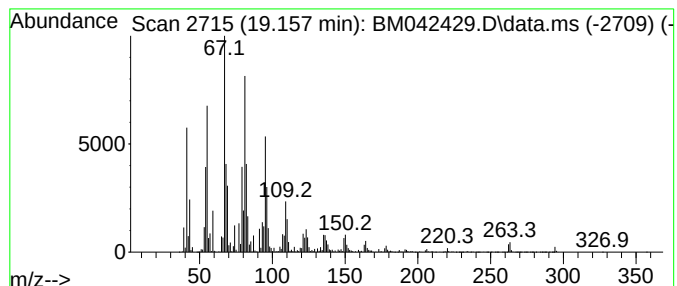
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	147.16 ng	15419000	Phenanthrene-d10	17.392

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			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
Sample : 04981-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-04-10192023

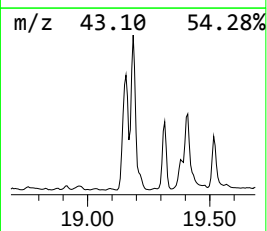
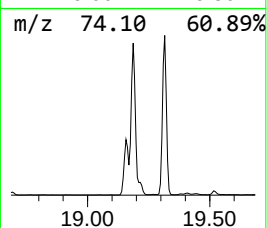
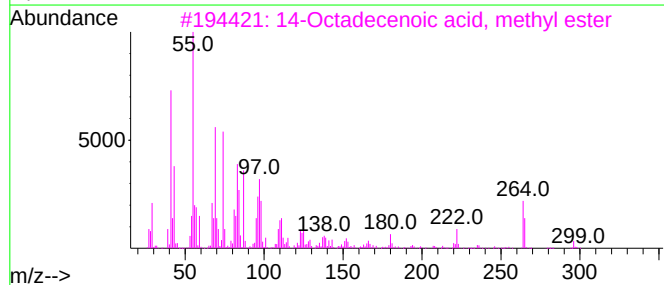
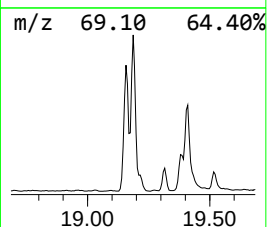
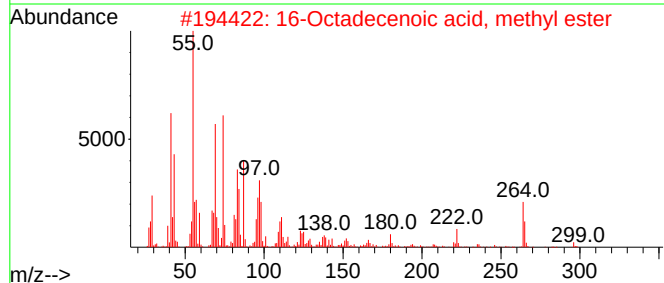
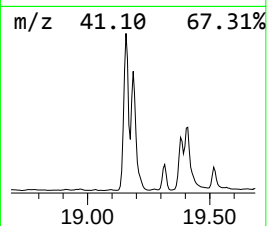
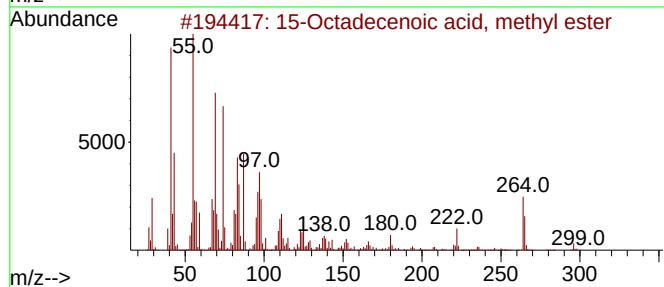
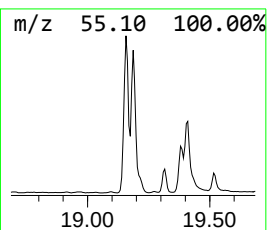
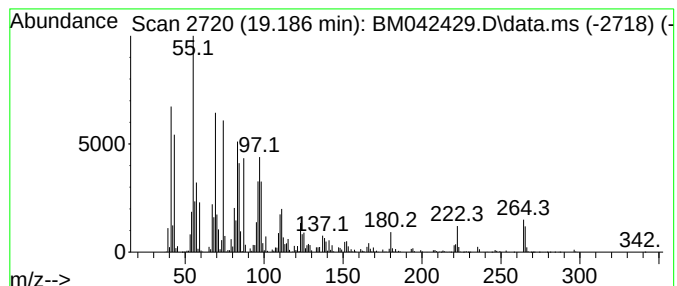
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 15-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	100.32 ng	10510900	Phenanthrene-d10	17.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	97
5			(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
Sample : 04981-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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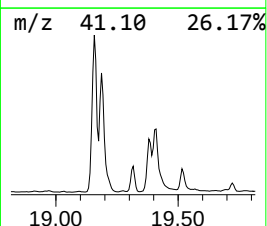
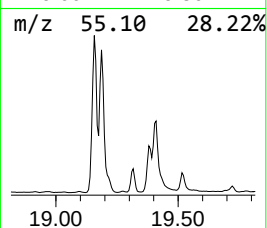
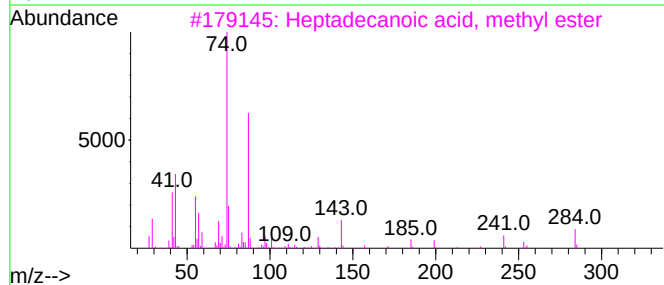
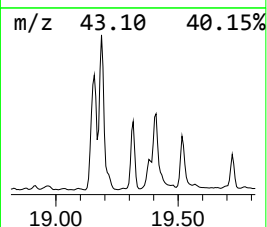
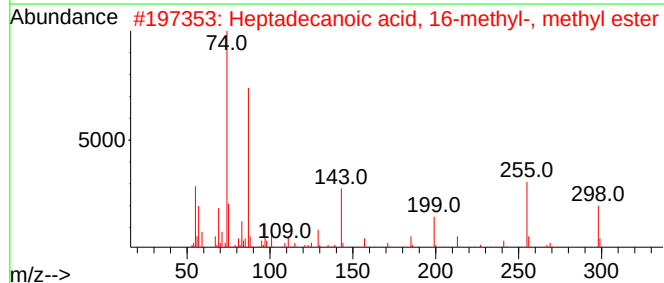
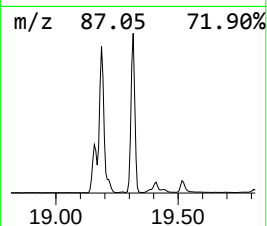
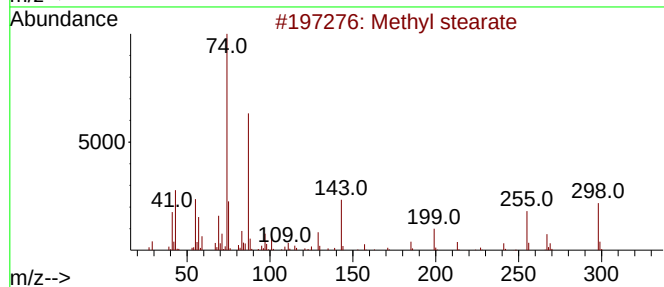
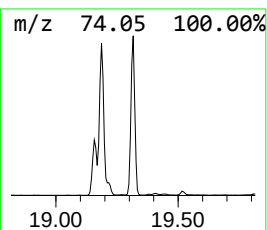
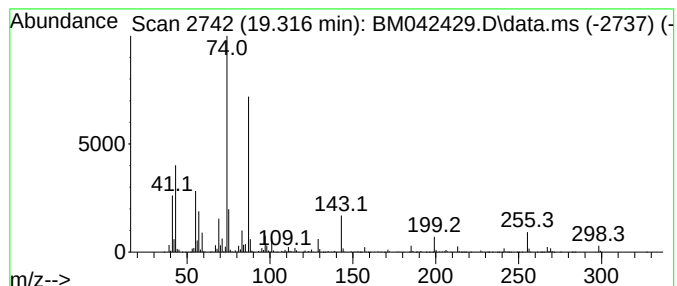
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.316	21.26 ng	2227580	Phenanthrene-d10	17.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	97
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
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Operator : MA/JU
Sample : 04981-01 2X
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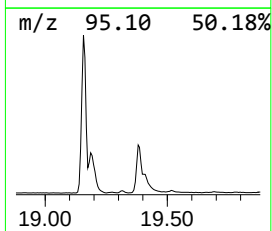
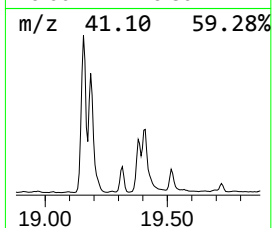
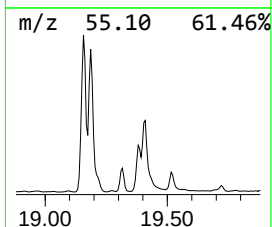
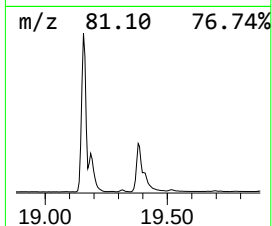
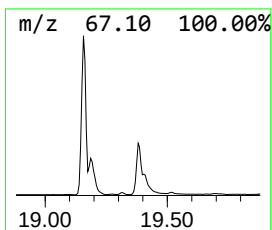
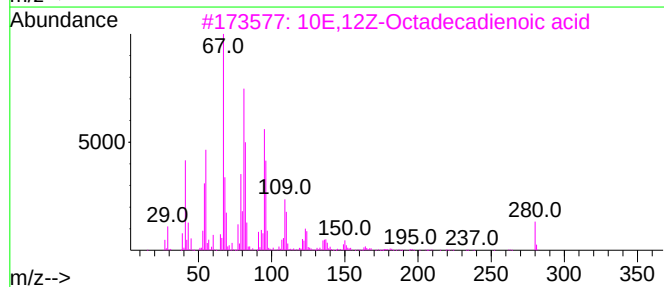
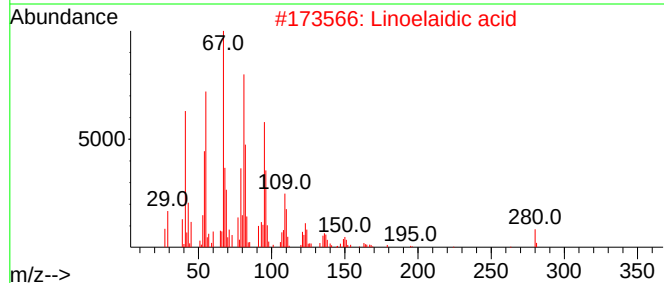
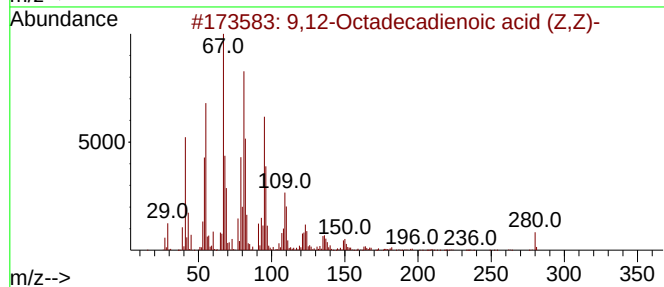
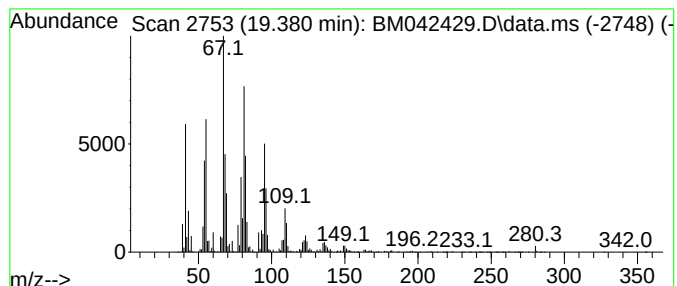
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid (... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.380	38.50 ng	4033510	Phenanthrene-d10	17.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Linoelaidic acid	280	C18H32O2	000506-21-8	99
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	98
4	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	97
5	9-Hexadecyn-1-ol	238	C16H30O	1000342-40-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
Sample : 04981-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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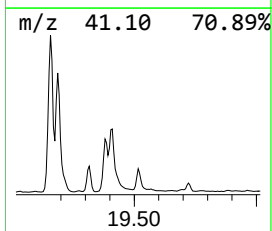
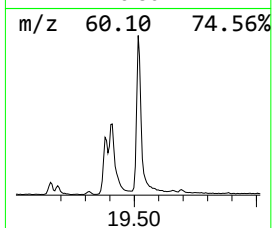
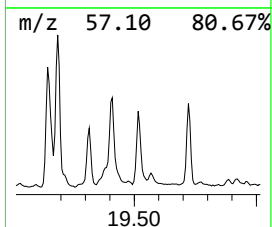
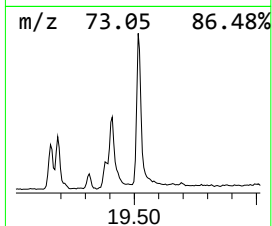
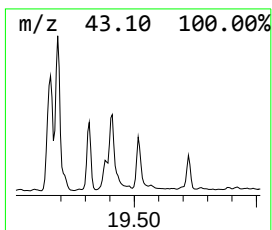
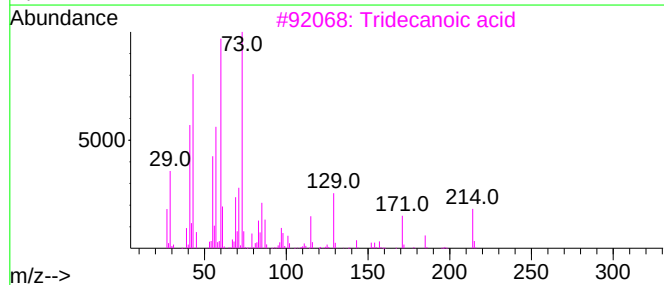
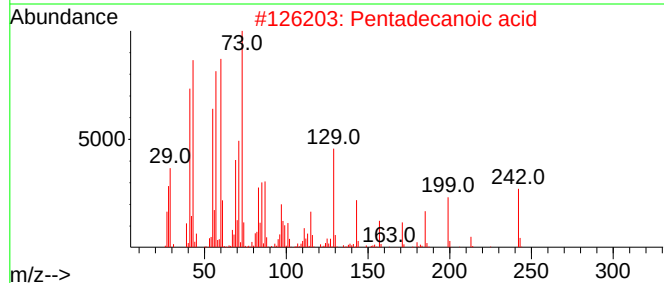
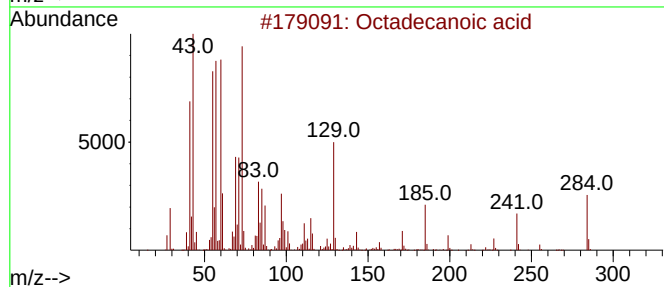
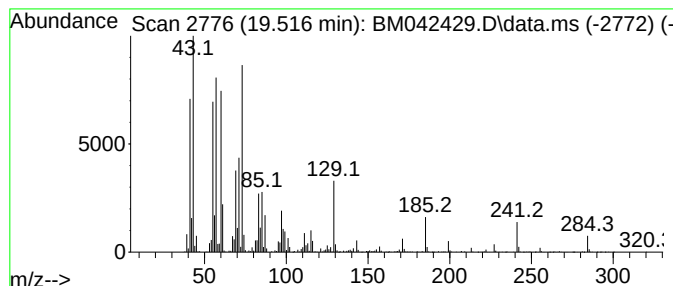
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	16.07 ng	1535610	Chrysene-d12	21.574

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			Tridecanoic acid	214	C13H26O2	000638-53-9	68
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5			Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
TR-04-10192023

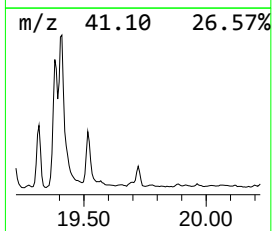
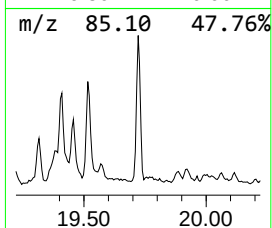
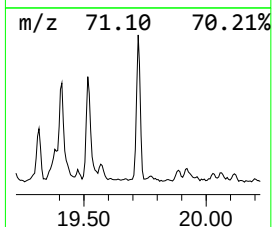
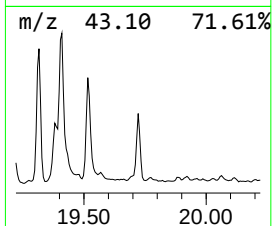
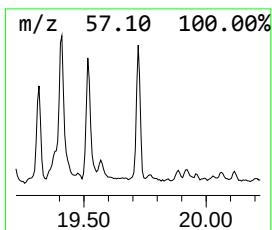
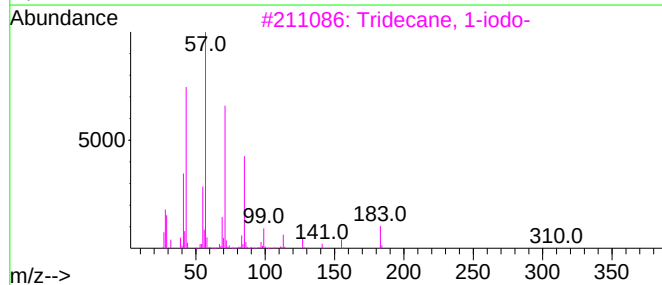
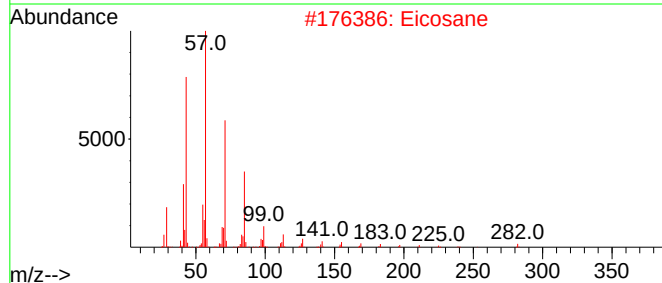
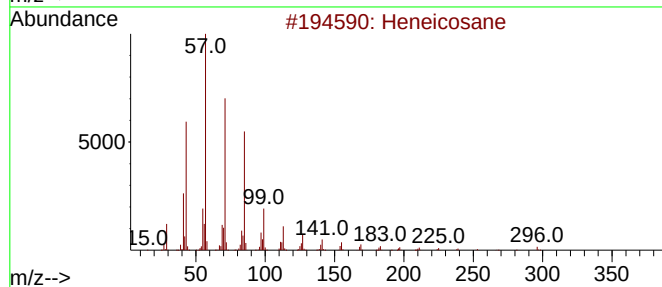
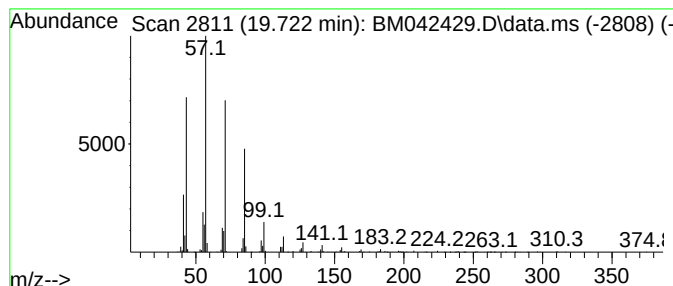
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.722	6.50 ng	621231	Chrysene-d12	21.574

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane	282	C20H42	000112-95-8	87
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4		Tetradecane	198	C14H30	000629-59-4	86
5		Pentadecane	212	C15H32	000629-62-9	86



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Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
Sample : 04981-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-04-10192023

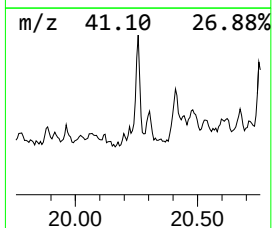
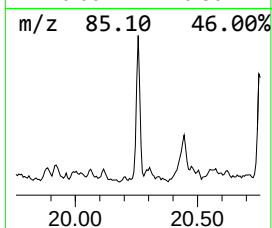
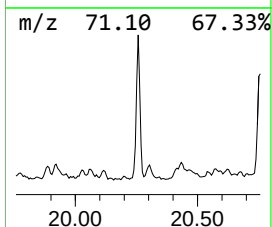
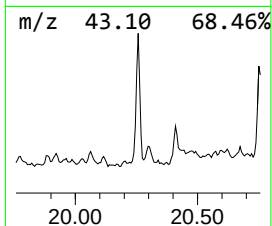
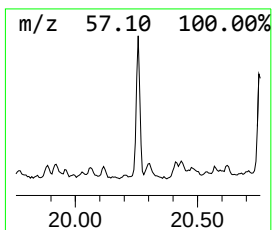
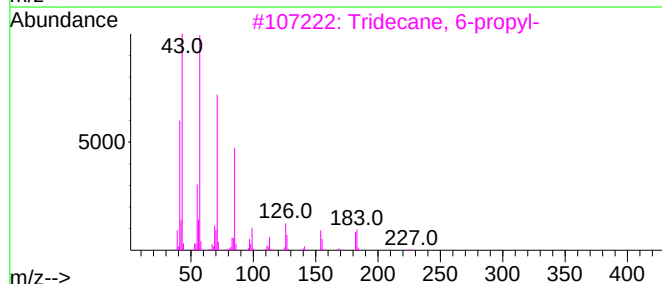
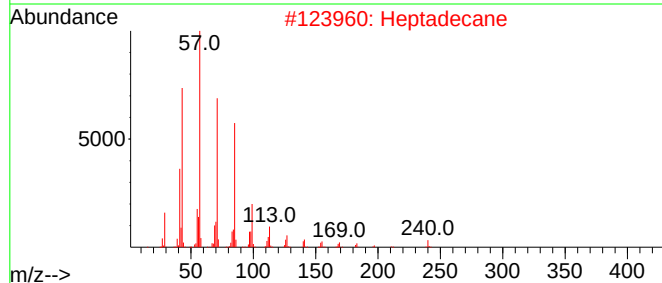
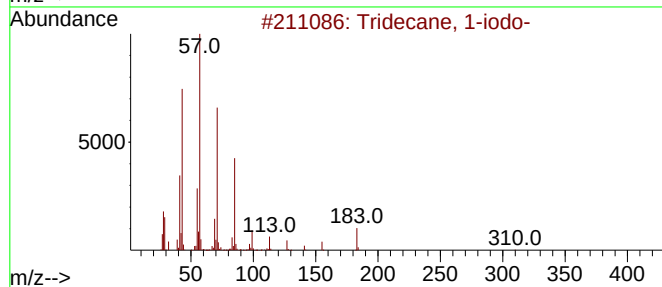
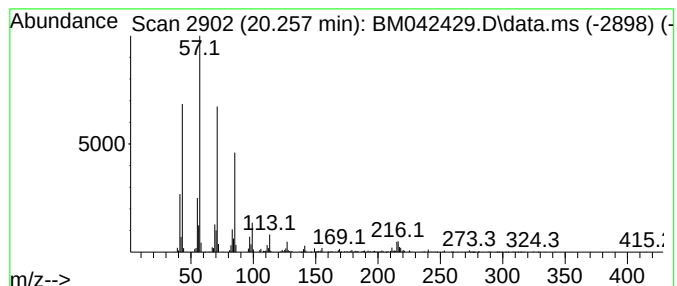
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.257	5.51 ng	526105	Chrysene-d12	21.574

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2		Heptadecane	240	C17H36	000629-78-7	93
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
Acq On : 24 Oct 2023 20:56
Operator : MA/JU
Sample : 04981-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-04-10192023

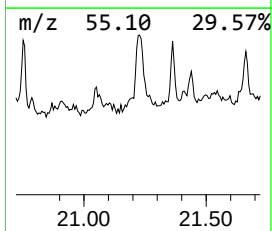
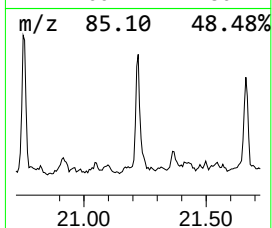
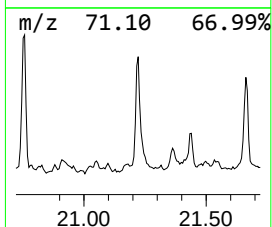
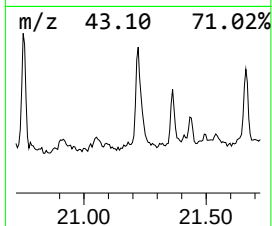
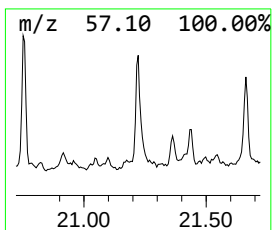
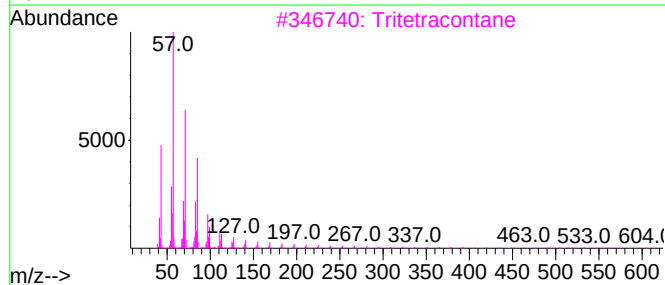
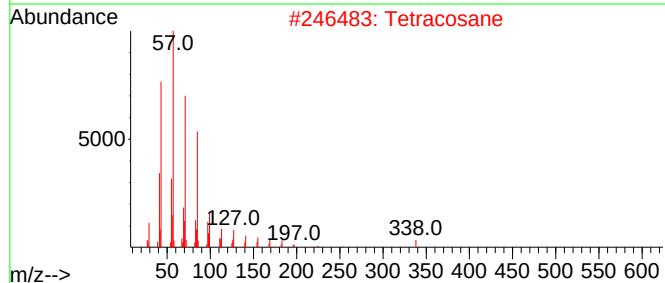
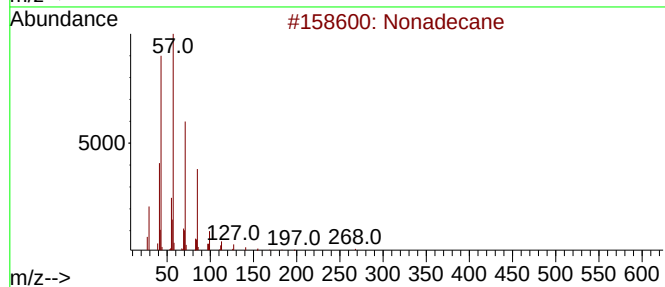
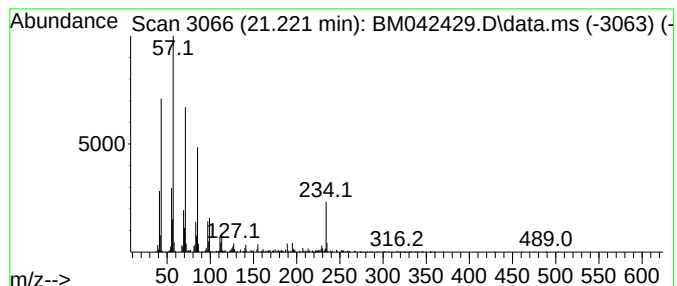
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	6.12 ng	584892	Chrysene-d12	21.574

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	89
2		Tetracosane	338	C24H50	000646-31-1	76
3		Tritetracontane	605	C43H88	007098-21-7	68
4		Heneicosane	296	C21H44	000629-94-7	68
5		Heptadecane	240	C17H36	000629-78-7	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042429.D
 Acq On : 24 Oct 2023 20:56
 Operator : MA/JU
 Sample : 04981-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-10192023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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
Dodecane	10.699	6.0	ng	427982	2	10.816	1433340	20.0
Tetradecane	12.152	8.7	ng	626300	2	10.816	1433340	20.0
Hexadecane	13.393	10.2	ng	922344	3	14.640	1800890	20.0
Sulfurous acid,...	14.463	11.8	ng	1060970	3	14.640	1800890	20.0
Nonadecane	15.416	12.2	ng	1096400	3	14.640	1800890	20.0
Heptacosane	15.810	6.9	ng	624248	3	14.640	1800890	20.0
Heptadecane	16.281	16.7	ng	1746330	4	17.392	2095540	20.0
Heneicosane	17.075	10.0	ng	1045300	4	17.392	2095540	20.0
Dodecane, 2-met...	17.816	9.6	ng	1000160	4	17.392	2095540	20.0
Hexadecanoic ac...	18.010	35.1	ng	3675120	4	17.392	2095540	20.0
n-Hexadecanoic ...	18.245	26.9	ng	2818760	4	17.392	2095540	20.0
Eicosane	18.510	8.1	ng	852641	4	17.392	2095540	20.0
9,12-Octadecadi...	19.157	147.2	ng	15419000	4	17.392	2095540	20.0
15-Octadecenoic...	19.186	100.3	ng	10510900	4	17.392	2095540	20.0
Methyl stearate	19.316	21.3	ng	2227580	4	17.392	2095540	20.0
9,12-Octadecadi...	19.380	38.5	ng	4033510	4	17.392	2095540	20.0
Octadecanoic acid	19.516	16.1	ng	1535610	5	21.574	1910650	20.0
Tridecane, 1-iodo-	19.722	6.5	ng	621231	5	21.574	1910650	20.0
Tridecane, 6-pr...	20.257	5.5	ng	526105	5	21.574	1910650	20.0
Tetracosane	21.221	6.1	ng	584892	5	21.574	1910650	20.0