

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
 Data File : BM022238.D
 Acq On : 21 Aug 2019 20:39
 Operator : HP/JU
 Sample : K4086-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-082019

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BM082019.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.181	367	373	382	rBV	284023	409800	7.81%	1.926%
2	6.757	635	641	652	rBV	272450	454003	8.65%	2.134%
3	7.104	693	700	710	rBV	305436	489901	9.34%	2.302%
4	7.563	773	778	785	rBB	86930	127393	2.43%	0.599%
5	7.875	825	831	839	rBB	257871	407572	7.77%	1.916%
6	8.734	969	977	994	rBV	162130	290969	5.55%	1.368%
7	10.339	1244	1250	1263	rVB	91024	156517	2.98%	0.736%
8	12.827	1667	1673	1681	rBV	490751	710165	13.54%	3.338%
9	13.692	1812	1820	1830	rVB	56253	124130	2.37%	0.583%
10	14.221	1904	1910	1916	rVB	150678	223523	4.26%	1.051%
11	15.063	2049	2053	2058	rBV	74875	91484	1.74%	0.430%
12	15.468	2114	2122	2127	rBV2	30903	68823	1.31%	0.323%
13	15.727	2161	2166	2174	rVB	386216	562261	10.72%	2.643%
14	15.933	2196	2201	2208	rBV	112534	205744	3.92%	0.967%
15	16.727	2331	2336	2339	rBV	118564	148621	2.83%	0.699%
16	16.774	2339	2344	2348	rVB	47204	68499	1.31%	0.322%
17	16.986	2374	2380	2384	rBV	196367	282709	5.39%	1.329%
18	17.027	2384	2387	2392	rVB	64354	88431	1.69%	0.416%
19	17.462	2457	2461	2467	rBV	136638	149761	2.85%	0.704%
20	17.651	2488	2493	2498	rVB	780452	899836	17.15%	4.229%
21	17.880	2526	2532	2542	rBV2	234402	382028	7.28%	1.795%
22	18.157	2575	2579	2584	rBV	132166	162220	3.09%	0.762%
23	18.804	2683	2689	2692	rBV	2448156	2938805	56.01%	13.812%
24	18.839	2692	2695	2699	rVB	5384939	5246596	100.00%	24.658%
25	18.968	2713	2717	2723	rVB	410592	448050	8.54%	2.106%
26	19.027	2723	2727	2728	rBV	185787	201168	3.83%	0.945%
27	19.056	2728	2732	2745	rVV	720318	1107261	21.10%	5.204%
28	19.174	2749	2752	2756	rVV	89803	114059	2.17%	0.536%
29	19.345	2777	2781	2785	rVB5	40094	60603	1.16%	0.285%
30	19.386	2785	2788	2791	rBV2	136080	160263	3.05%	0.753%
31	19.421	2791	2794	2799	rVB	208251	268651	5.12%	1.263%
32	19.627	2824	2829	2838	rBV	1006521	1202389	22.92%	5.651%
33	19.927	2877	2880	2883	rVB	112779	121215	2.31%	0.570%
34	19.962	2883	2886	2893	rVB4	83566	105860	2.02%	0.498%

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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 >
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35	20.074	2902	2905	2910	rBV2	103504	116409	2.22%	0.547%
36	20.250	2932	2935	2941	rVB7	57924	112788	2.15%	0.530%
37	20.356	2950	2953	2961	rVB8	39422	64014	1.22%	0.301%
38	20.427	2961	2965	2969	rBV	90957	119060	2.27%	0.560%
39	20.892	3042	3044	3055	rVB4	104441	190986	3.64%	0.898%
40	21.027	3064	3067	3073	rBV2	109499	136984	2.61%	0.644%
41	21.192	3089	3095	3099	rBV2	348069	645673	12.31%	3.035%
42	21.227	3099	3101	3106	rVB	164672	202784	3.87%	0.953%
43	21.756	3188	3191	3194	rBV3	97342	142673	2.72%	0.671%
44	22.750	3355	3360	3370	rVB2	307208	794577	15.14%	3.734%
45	23.391	3466	3469	3475	rVB	180290	271828	5.18%	1.278%

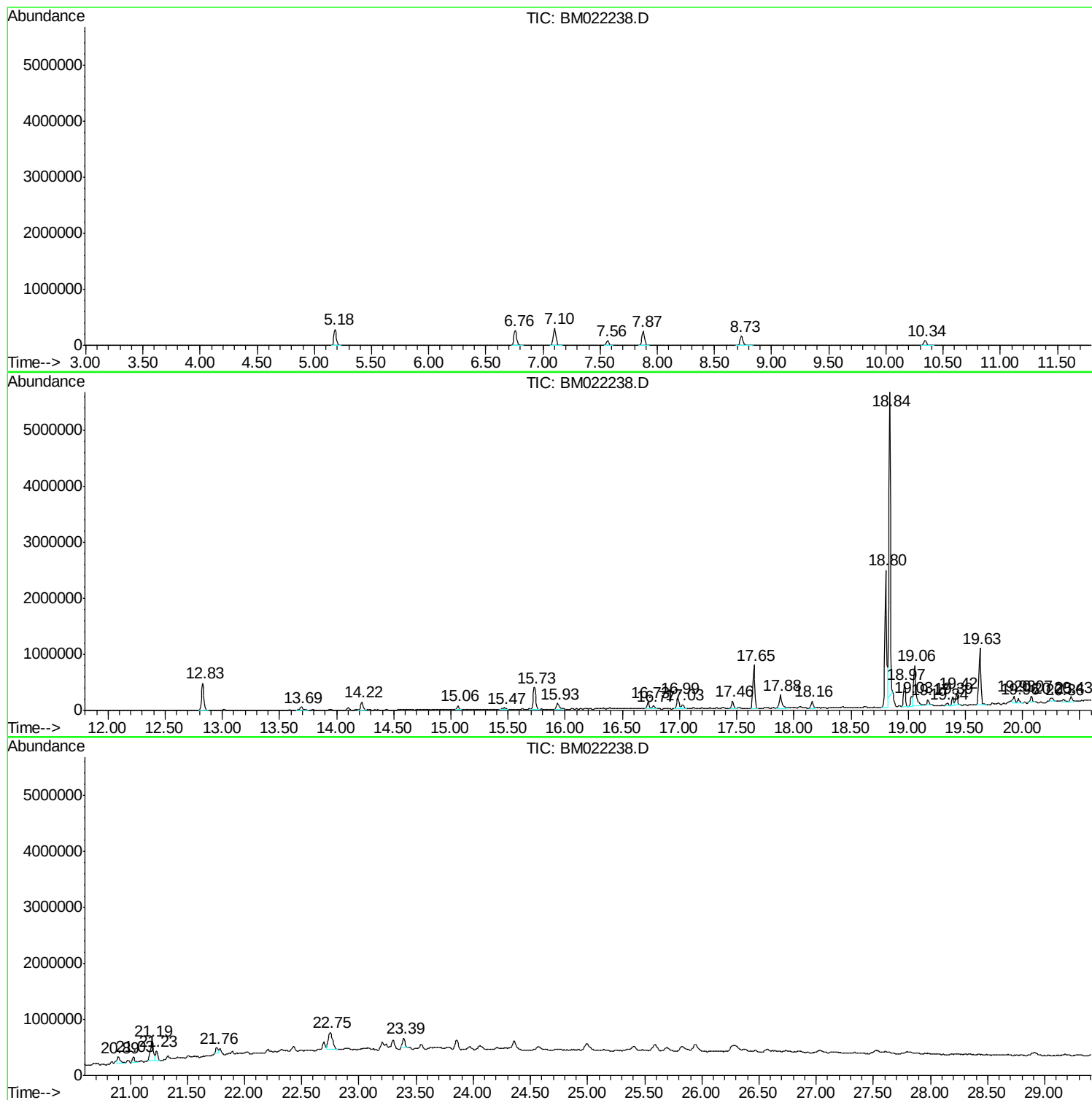
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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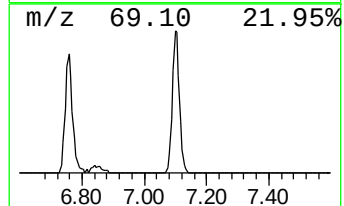
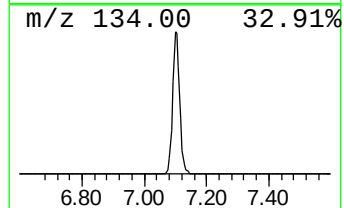
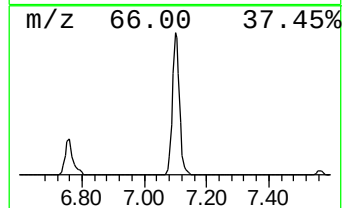
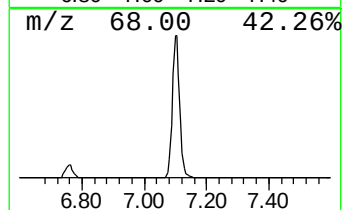
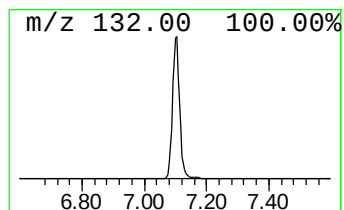
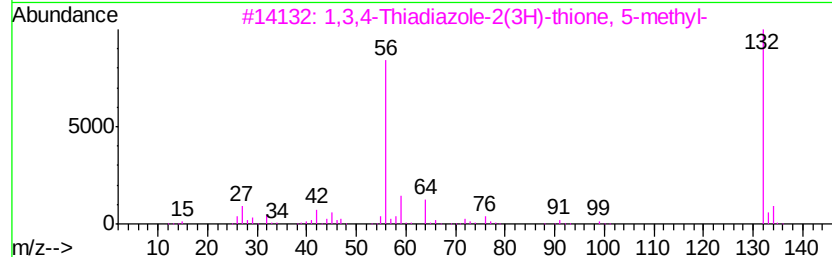
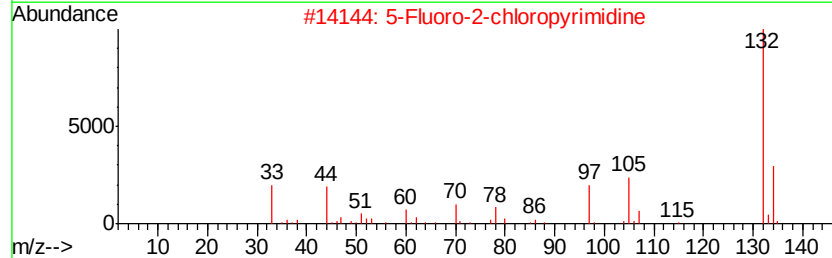
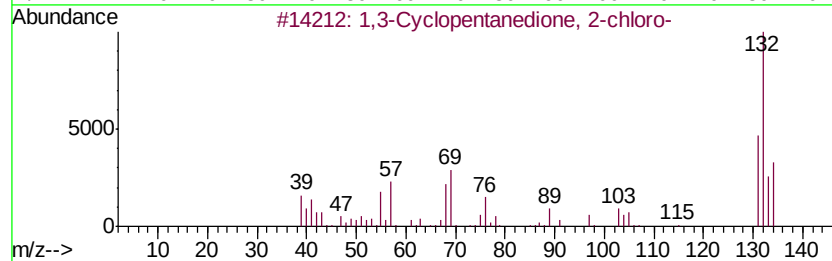
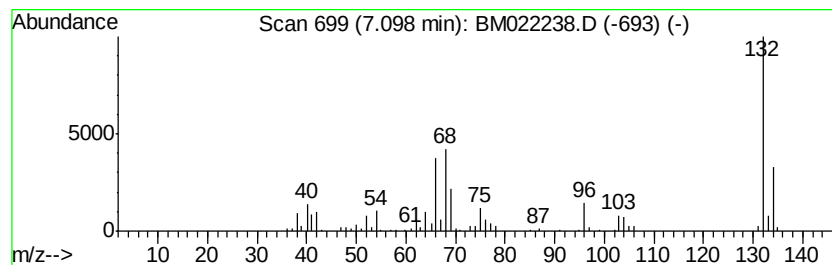
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	76.91 ng	489901	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
5		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	22



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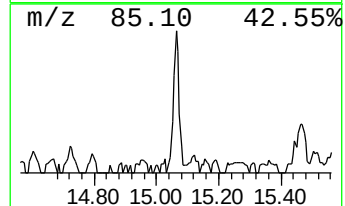
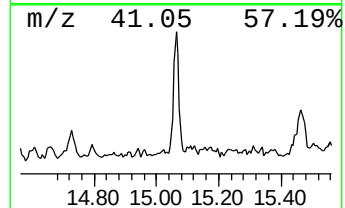
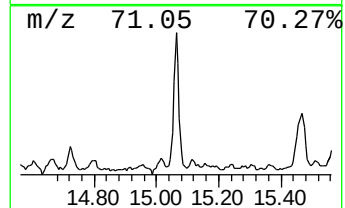
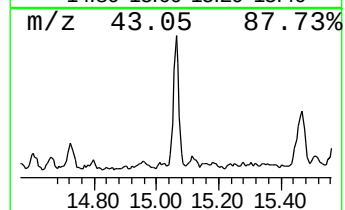
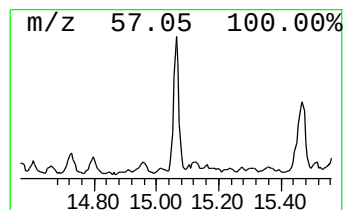
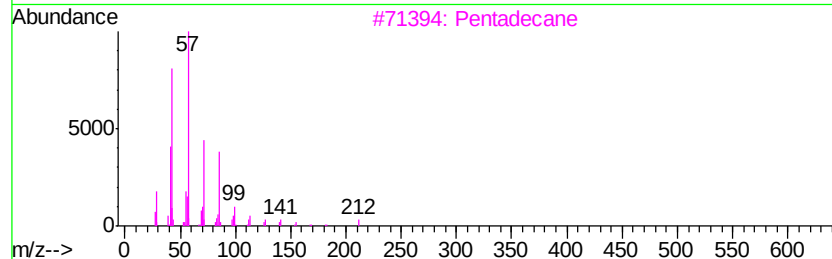
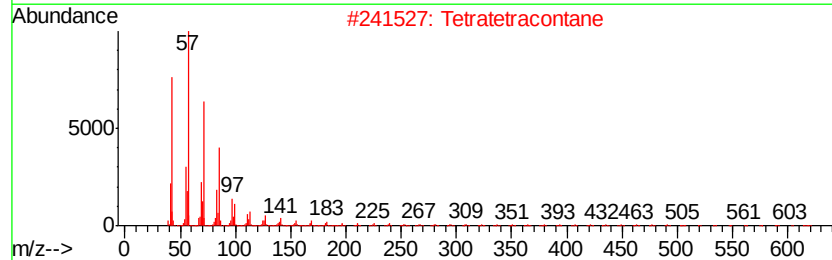
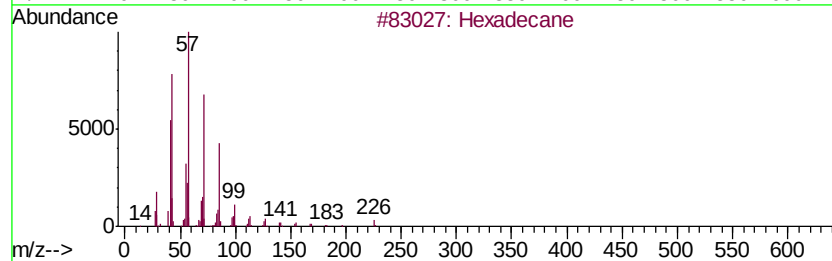
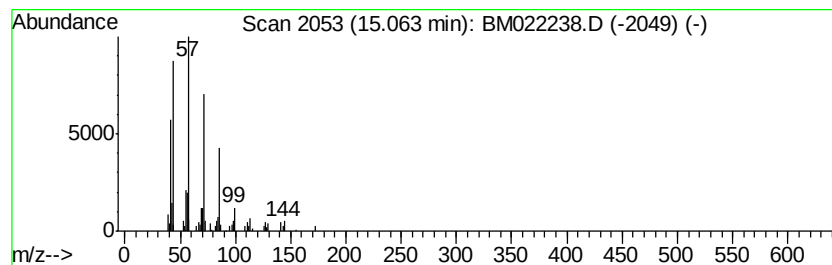
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	8.19 ng	91484	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Tetratetracontane	619	C44H90	007098-22-8	86
3		Pentadecane	212	C15H32	000629-62-9	86
4		Octacosane	394	C28H58	000630-02-4	80
5		Heptadecane	240	C17H36	000629-78-7	80



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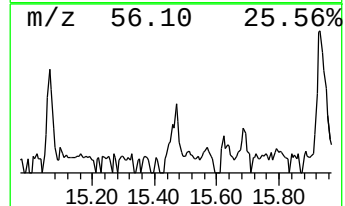
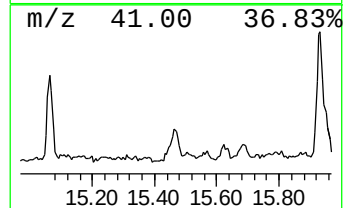
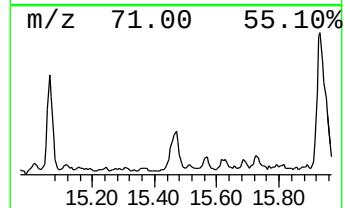
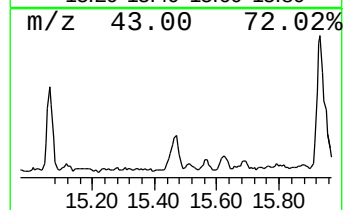
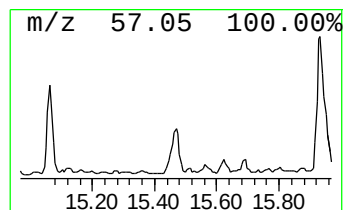
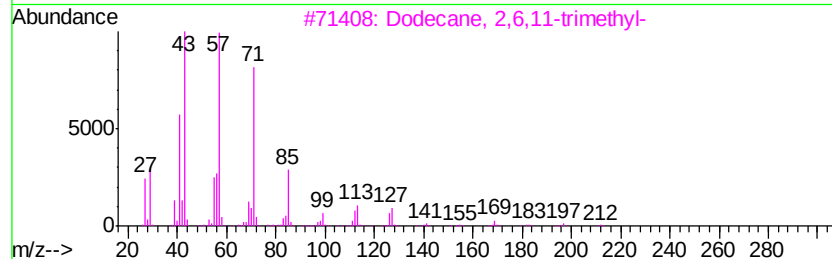
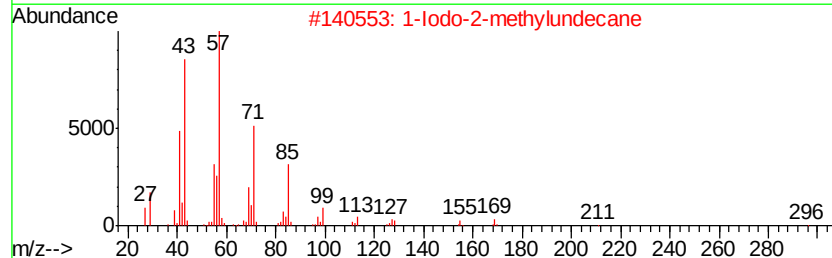
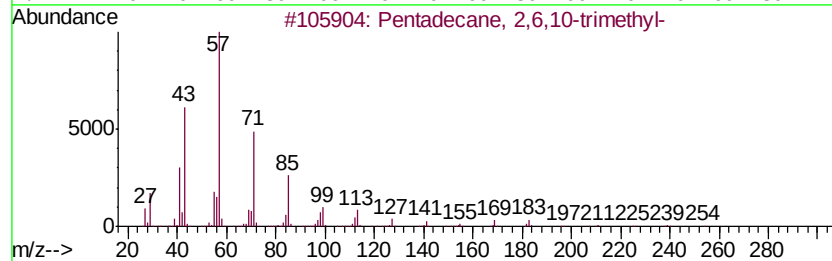
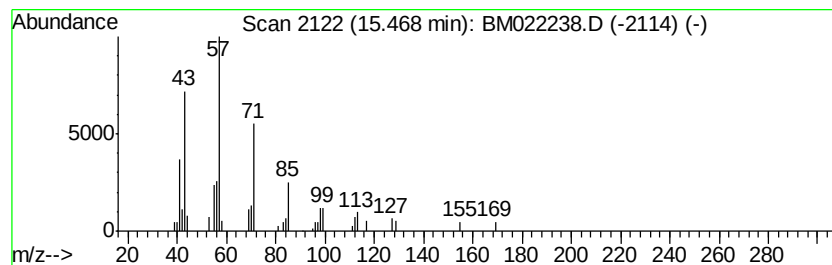
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.47	6.16 ng	68823	Acenaphthene-d10		14.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
5		Tetradecane	198	C14H30	000629-59-4	59



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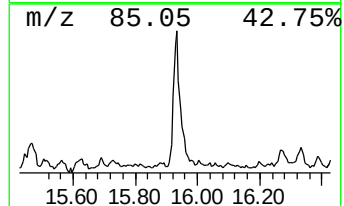
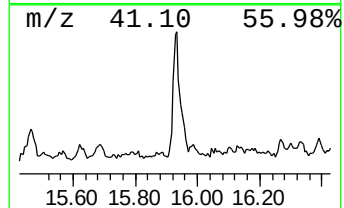
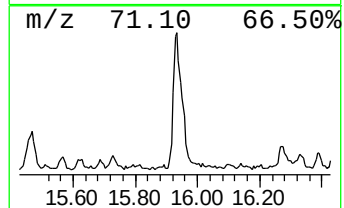
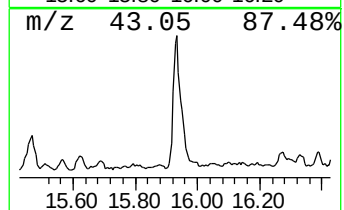
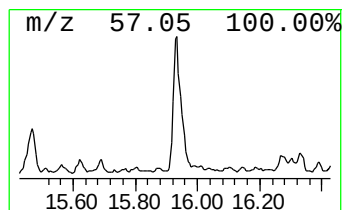
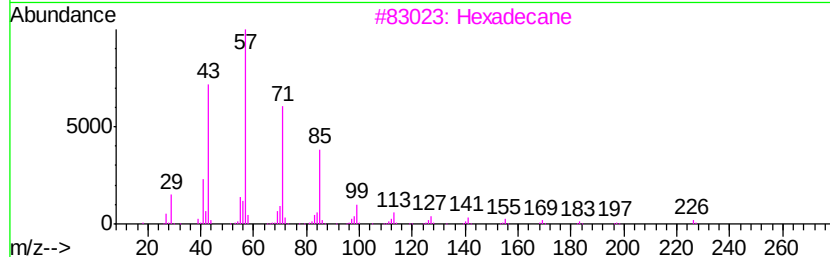
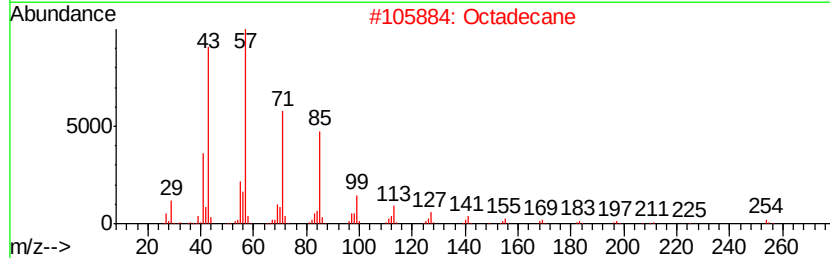
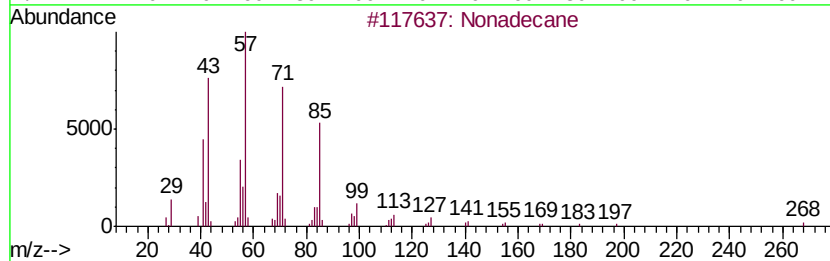
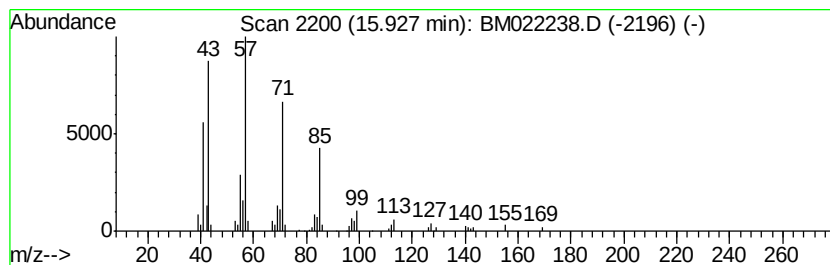
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	14.56 ng	205744	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Octadecane		254	C18H38	000593-45-3	91
3	Hexadecane		226	C16H34	000544-76-3	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	91



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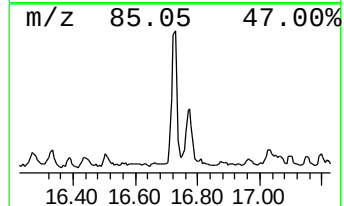
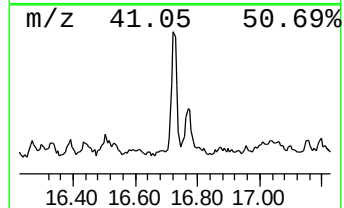
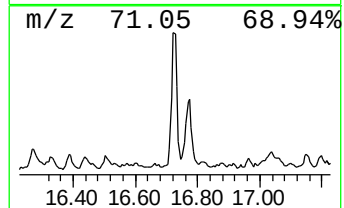
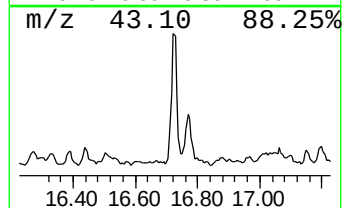
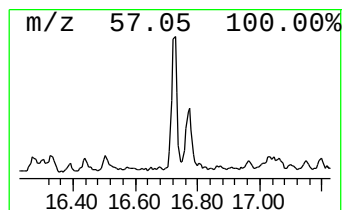
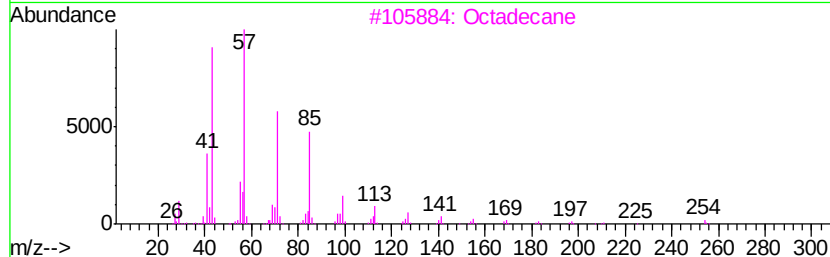
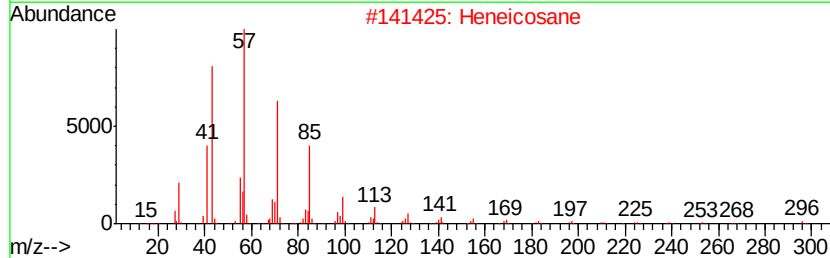
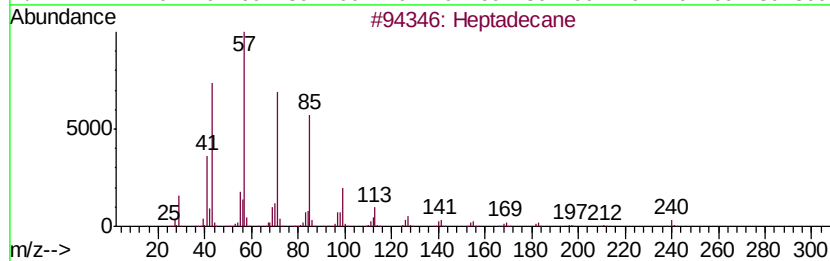
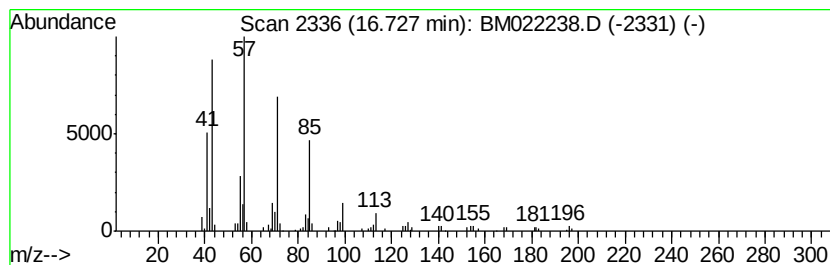
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	10.51 ng	148621	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022238.D
Acq On : 21 Aug 2019 20:39
Operator : HP/JU
Sample : K4086-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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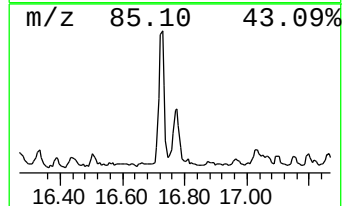
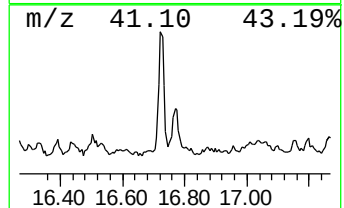
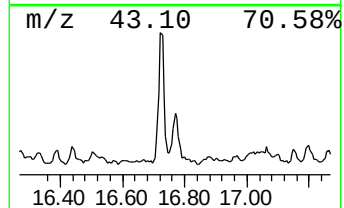
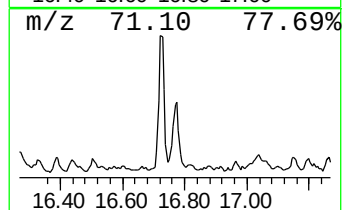
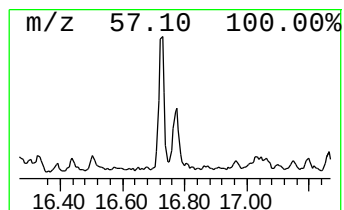
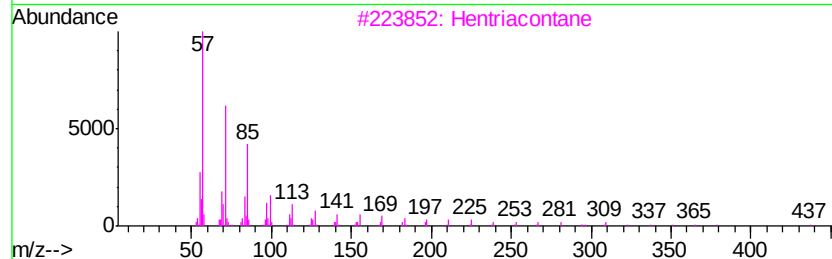
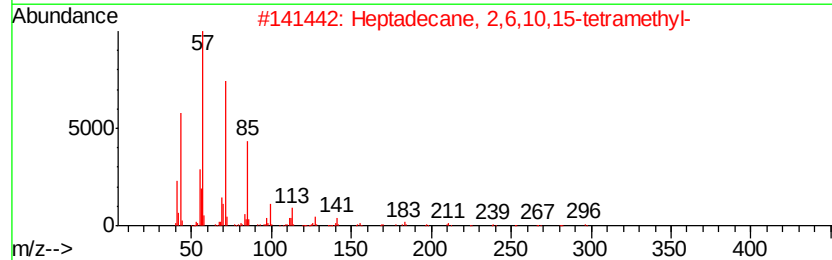
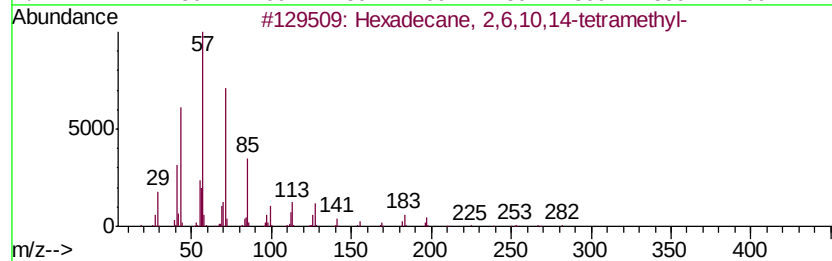
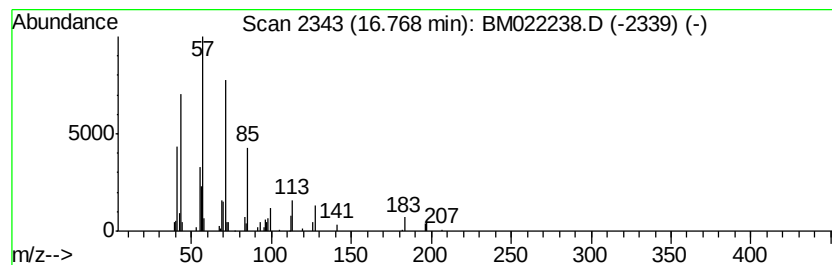
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	4.85 ng	68499	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Hentriacontane	437	C31H64	000630-04-6	83
4		Octacosane	394	C28H58	000630-02-4	72
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
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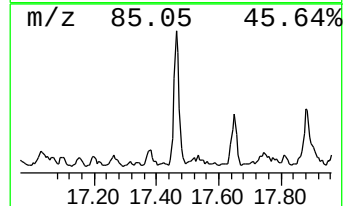
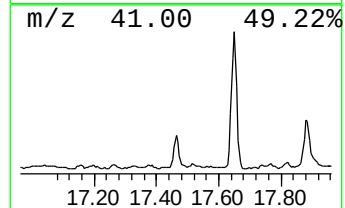
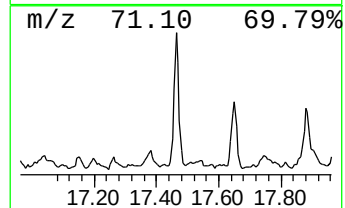
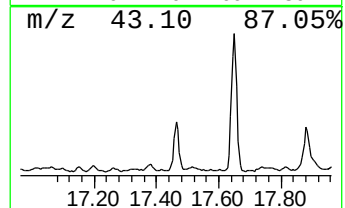
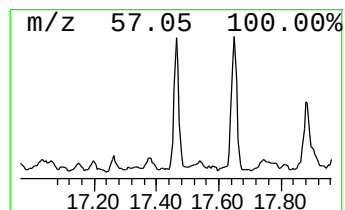
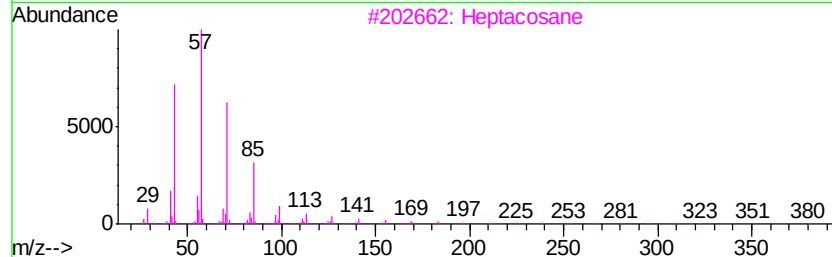
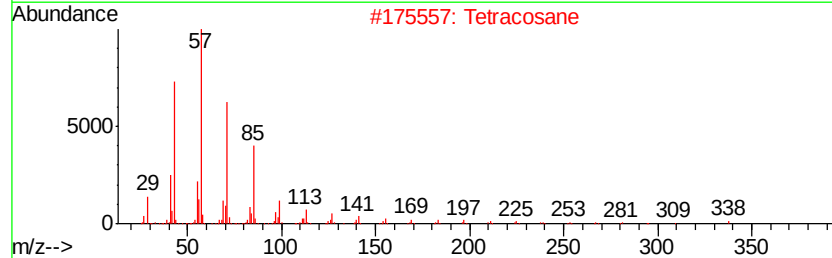
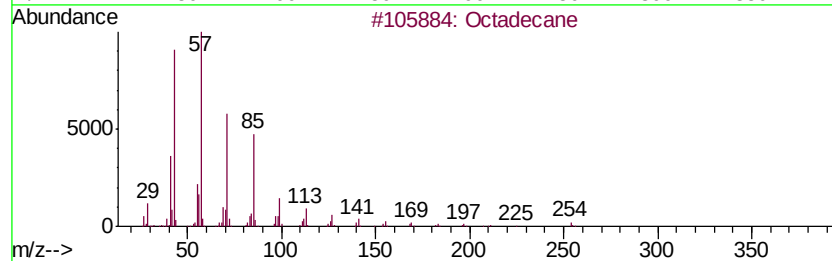
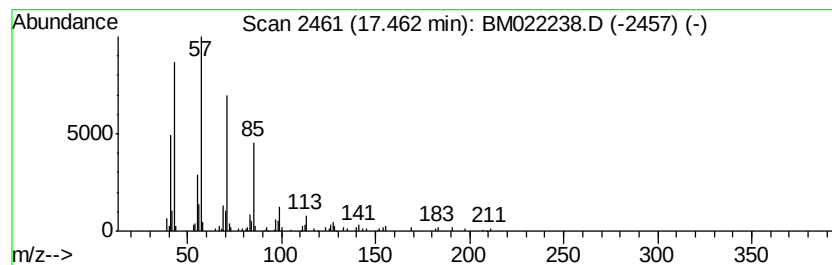
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	10.59 ng	149761	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022238.D
Acq On : 21 Aug 2019 20:39
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Sample : K4086-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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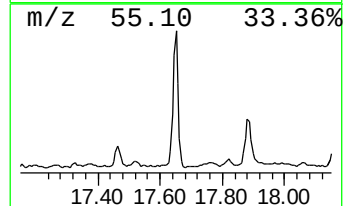
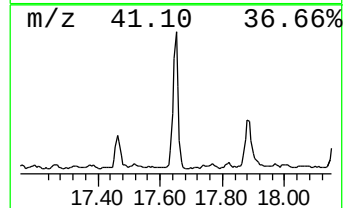
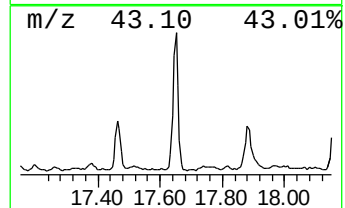
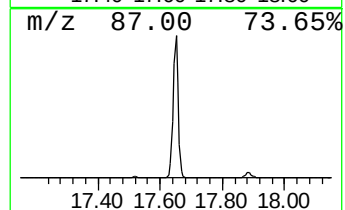
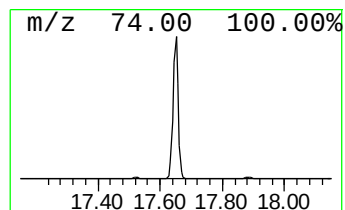
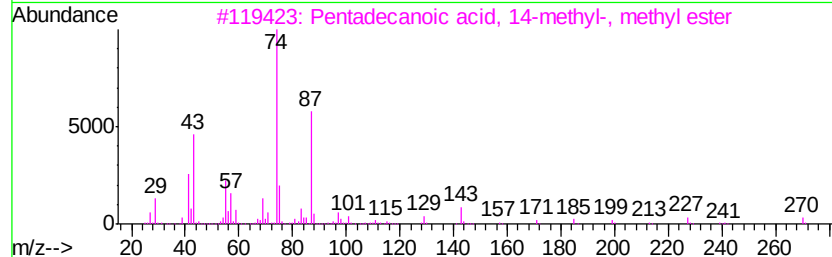
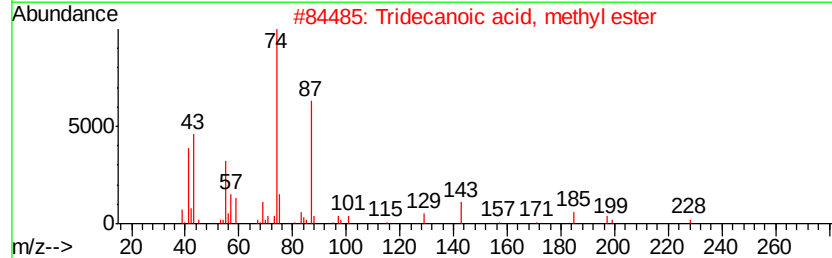
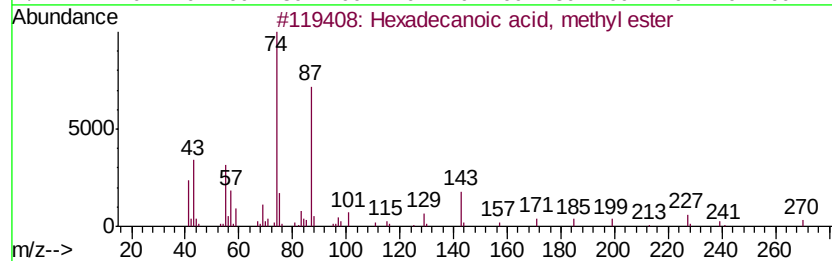
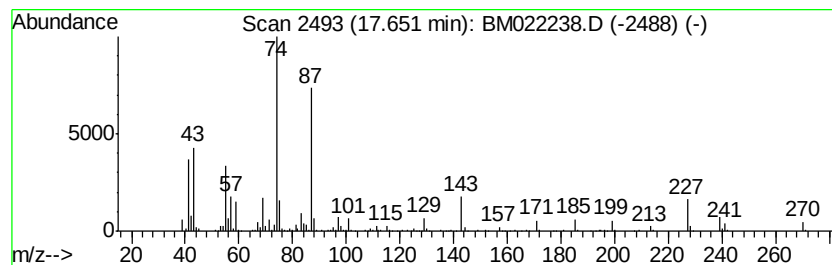
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	63.66 ng	899836	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
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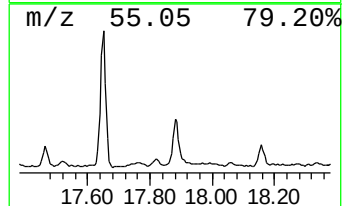
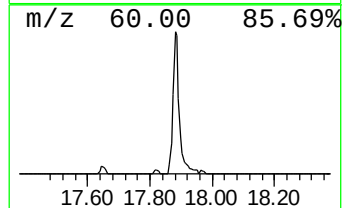
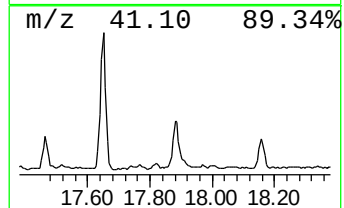
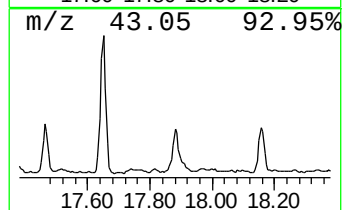
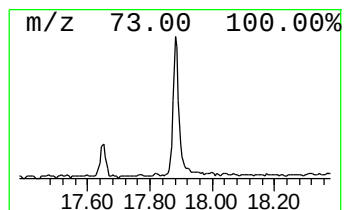
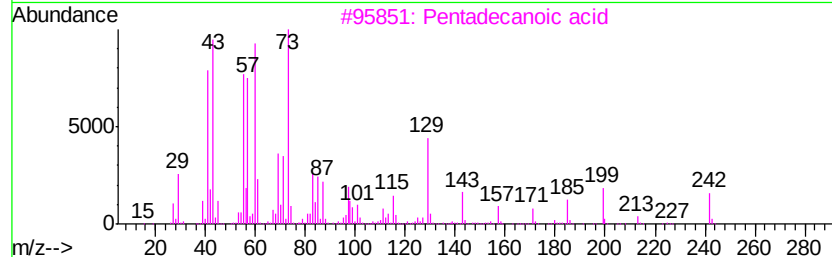
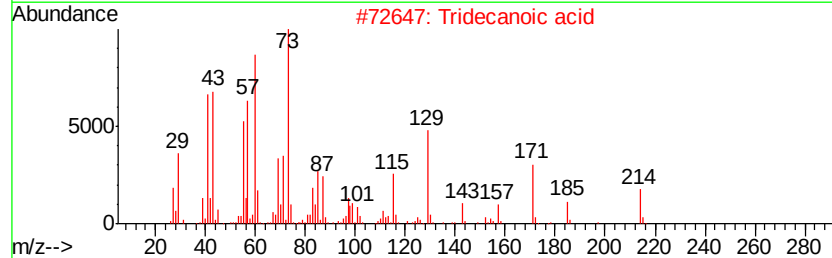
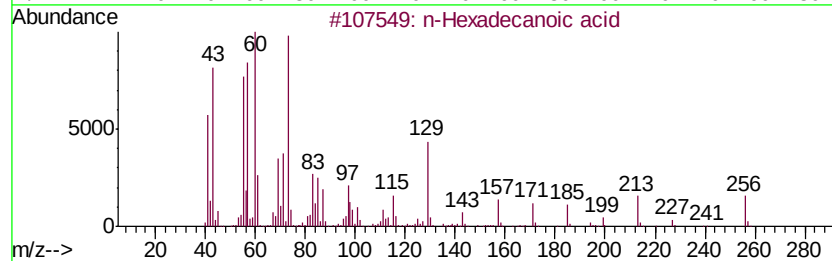
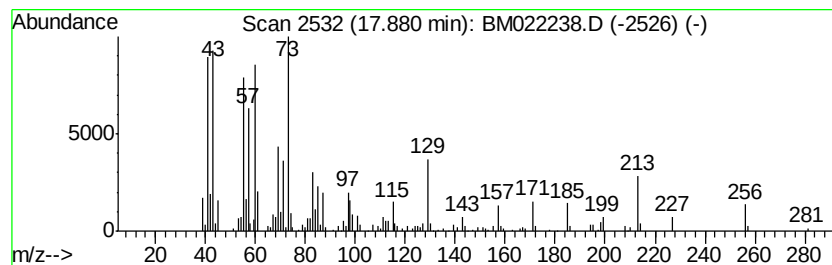
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	27.03 ng	382028	Phenanthrene-d10	16.99
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 95
3		Pentadecanoic acid	242 C15H30O2	001002-84-2 87
4		Tetradecanoic acid	228 C14H28O2	000544-63-8 74
5		n-Decanoic acid	172 C10H20O2	000334-48-5 70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
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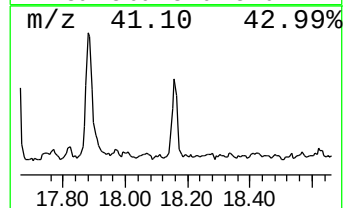
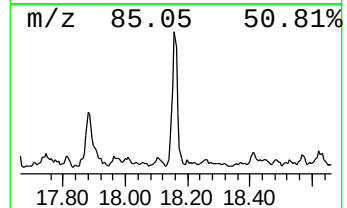
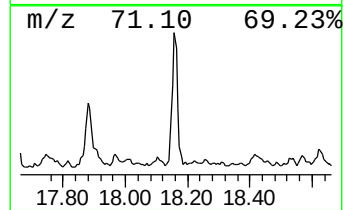
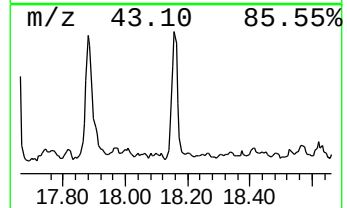
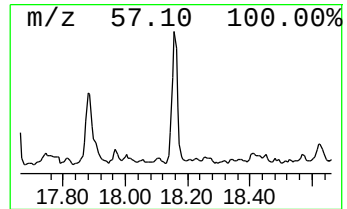
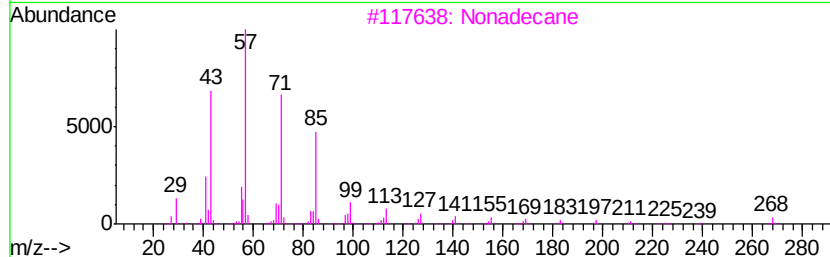
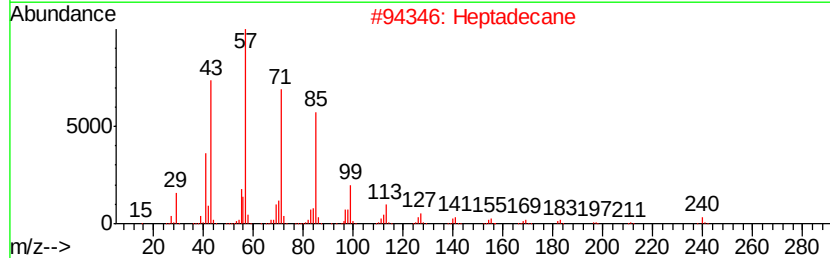
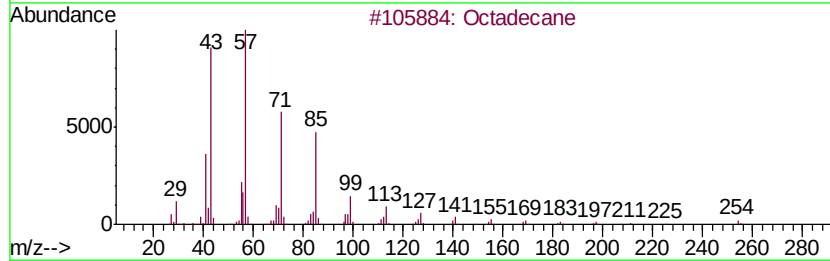
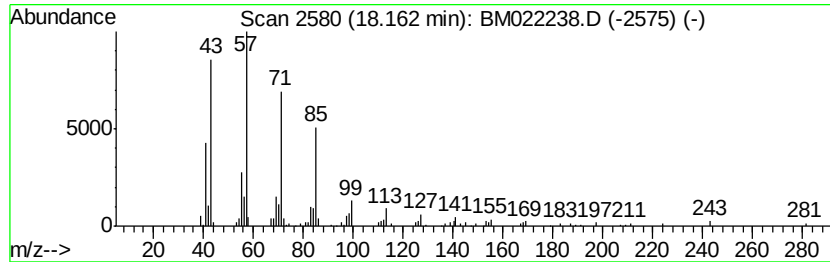
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.16	11.48 ng	162220	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5		Tetradecane	198	C14H30	000629-59-4	91



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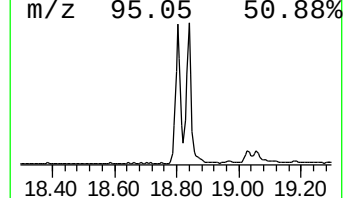
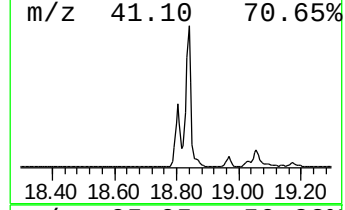
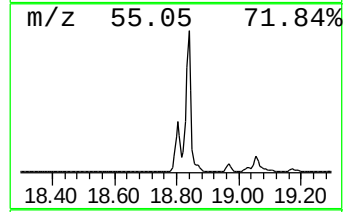
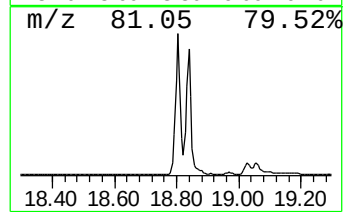
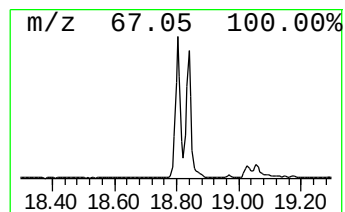
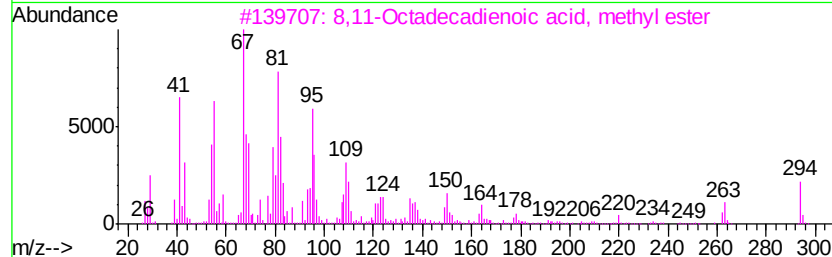
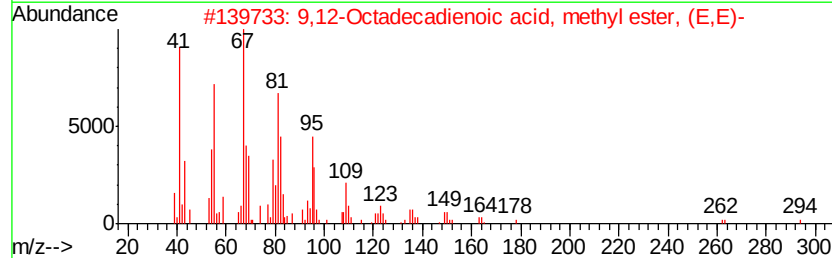
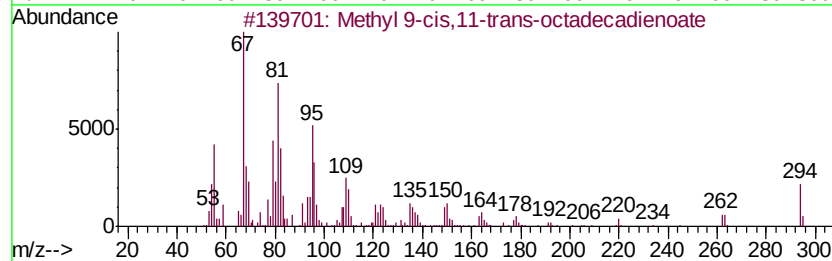
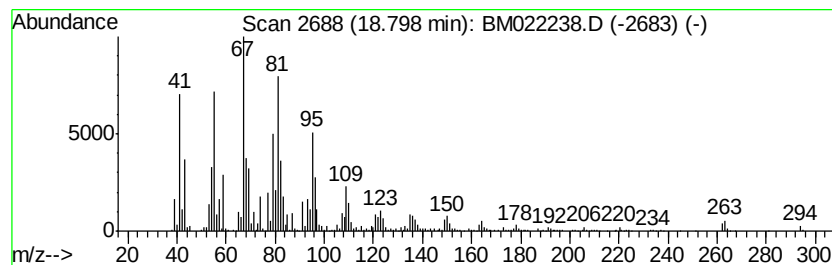
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Methyl 9-cis,11-trans-octadecadi... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.80	207.90 ng	2938810	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	8,11-Octadecadienoic acid, methv...	294	C19H34O2	056599-58-7	98
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022238.D
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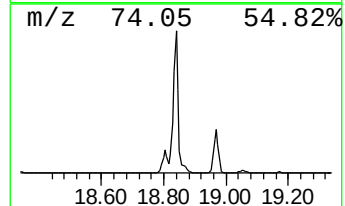
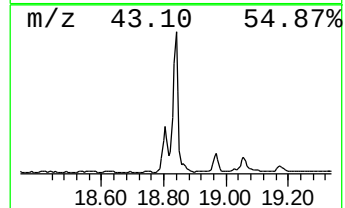
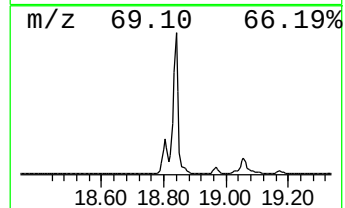
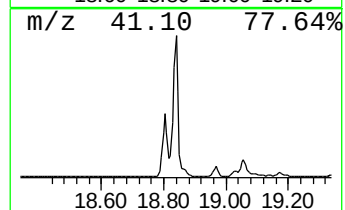
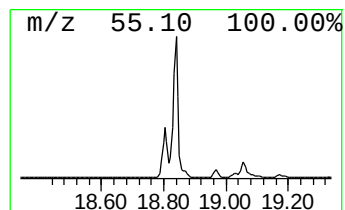
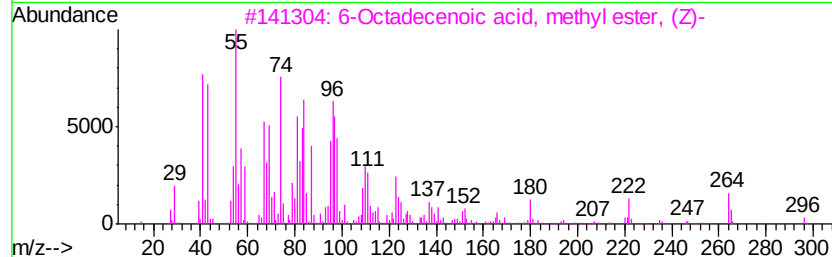
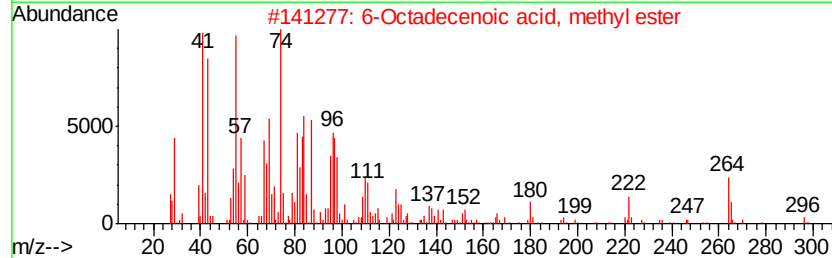
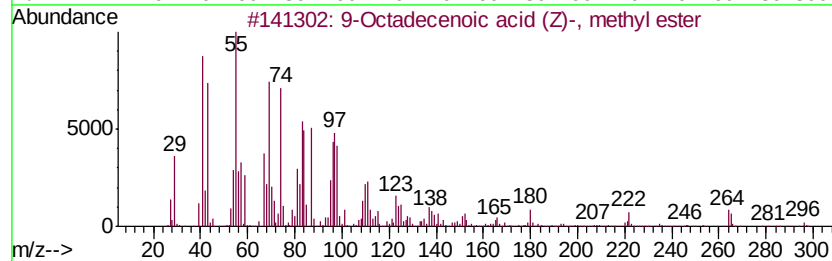
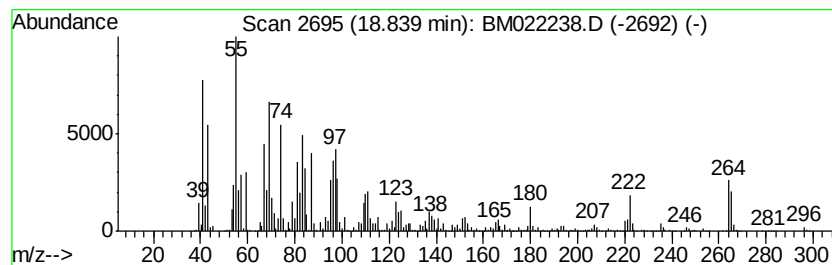
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	371.17 ng	5246600	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	96
3		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	96
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	95
5		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022238.D
Acq On : 21 Aug 2019 20:39
Operator : HP/JU
Sample : K4086-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

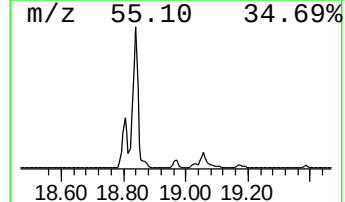
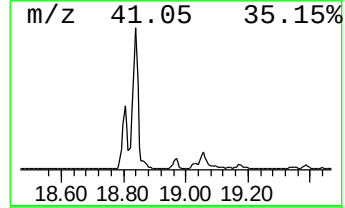
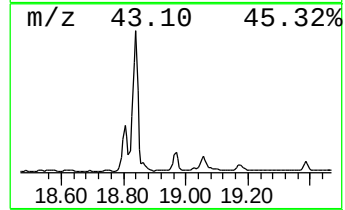
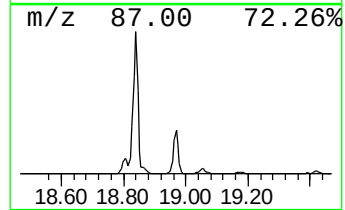
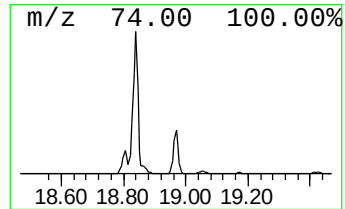
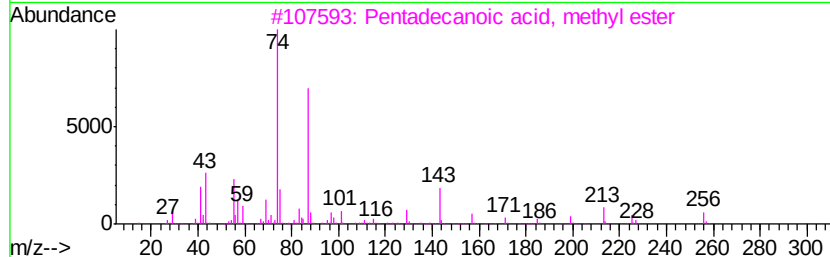
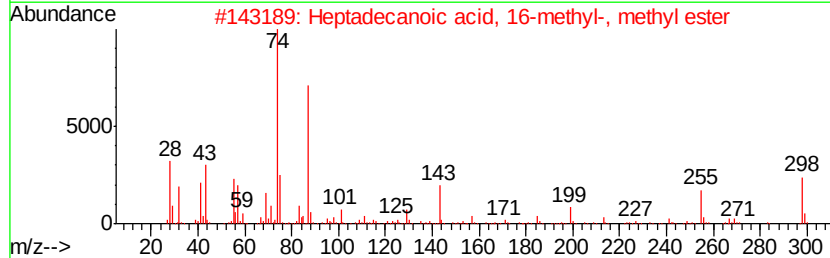
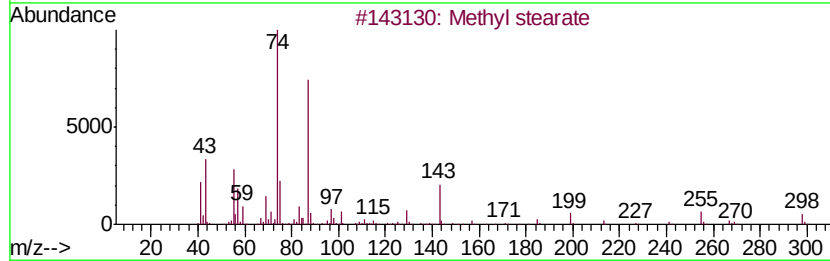
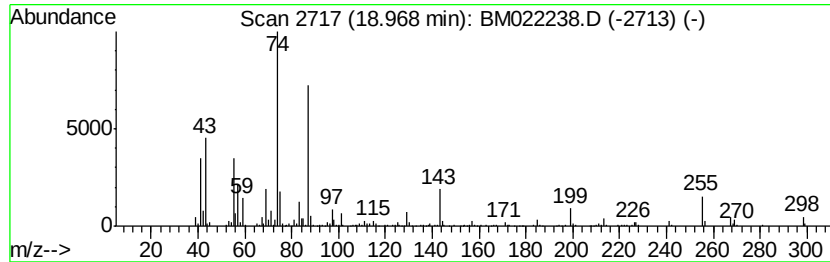
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.97	31.70 ng	448050	Phenanthrene-d10	16.99		
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	93
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
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Sample : K4086-01 2X
Misc :
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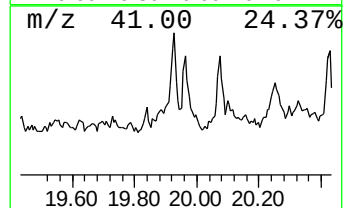
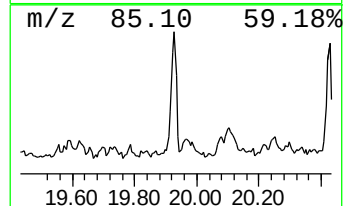
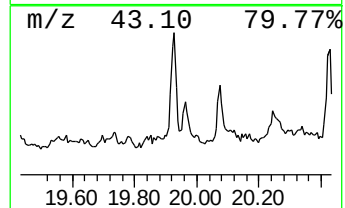
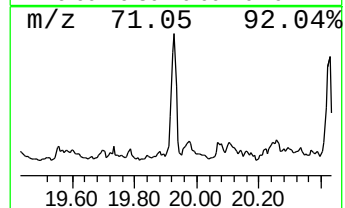
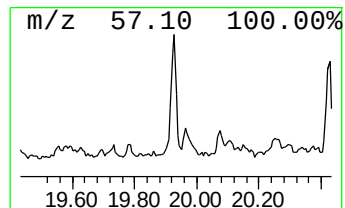
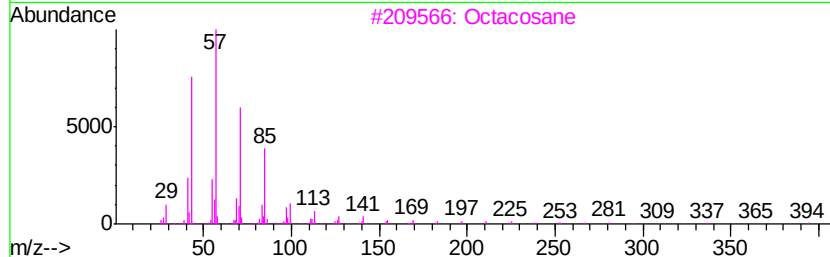
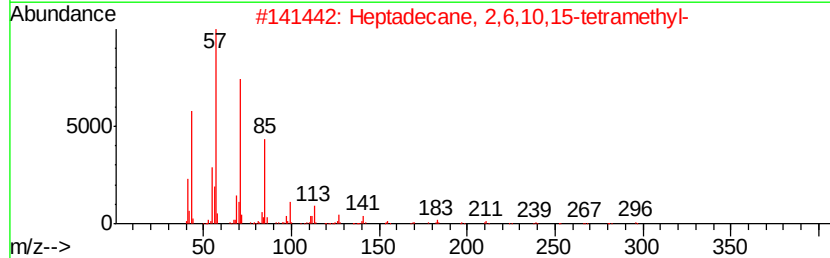
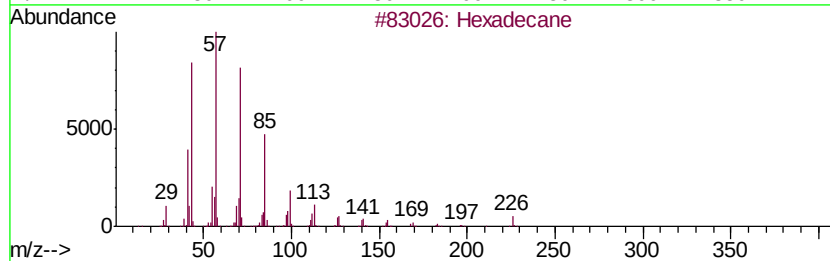
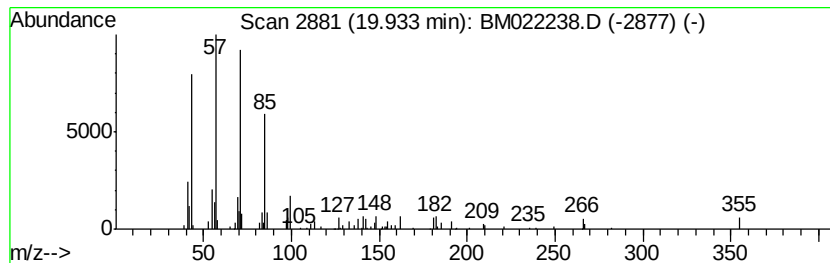
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.93	3.75 ng	121215	Chrysene-d12	21.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76
3	Octacosane	394	C28H58	000630-02-4	68
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64
5	Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022238.D
Acq On : 21 Aug 2019 20:39
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Sample : K4086-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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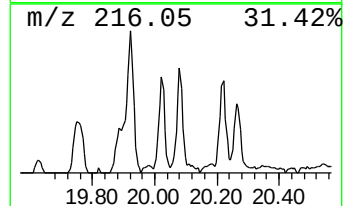
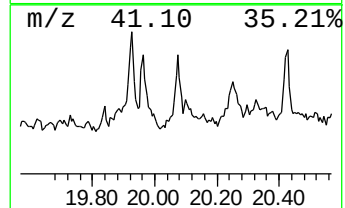
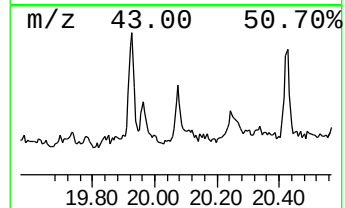
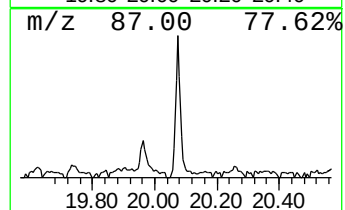
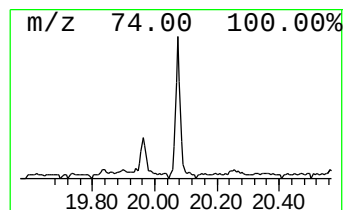
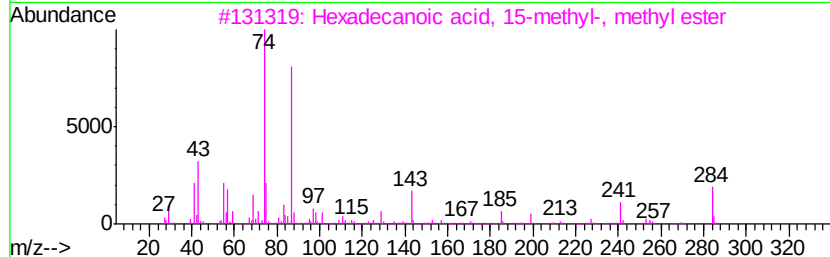
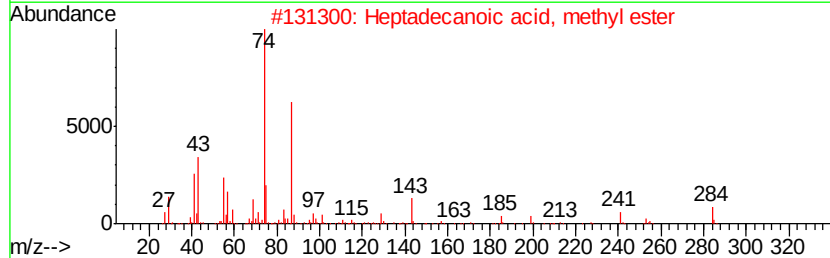
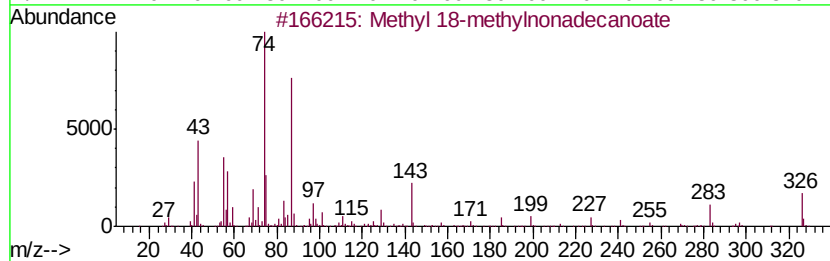
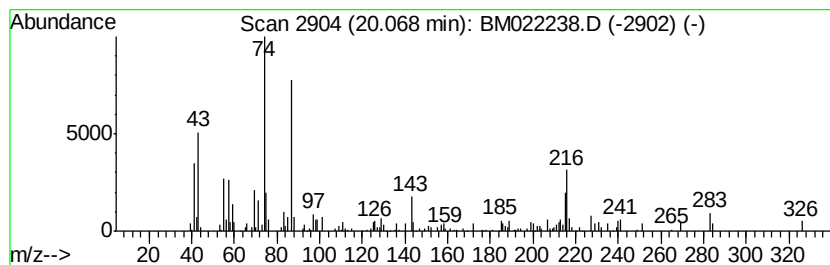
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Methyl 18-methylnonadecanoate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	3.61 ng	116409	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	86
2			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	83
3			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
4			Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	83
5			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022238.D
Acq On : 21 Aug 2019 20:39
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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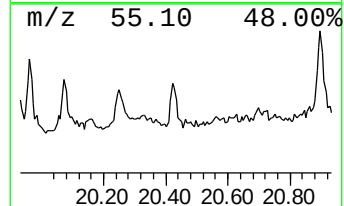
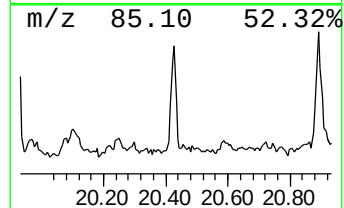
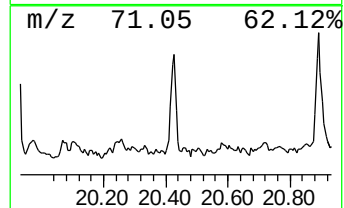
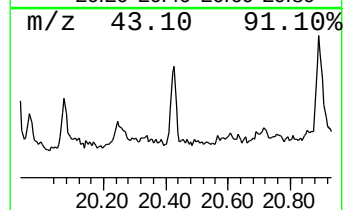
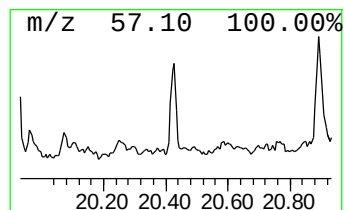
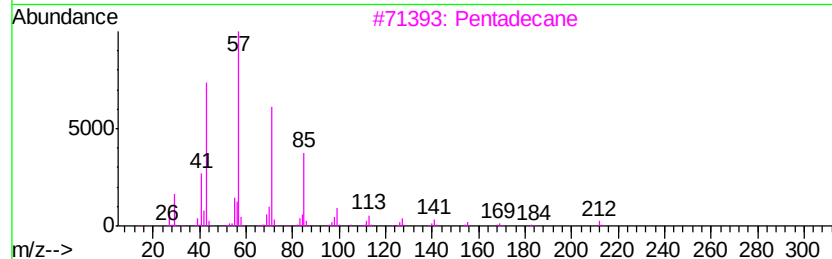
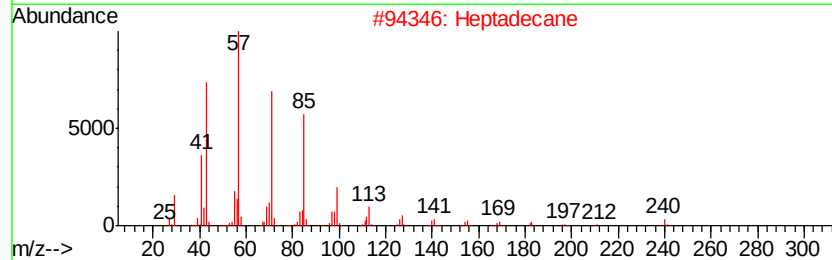
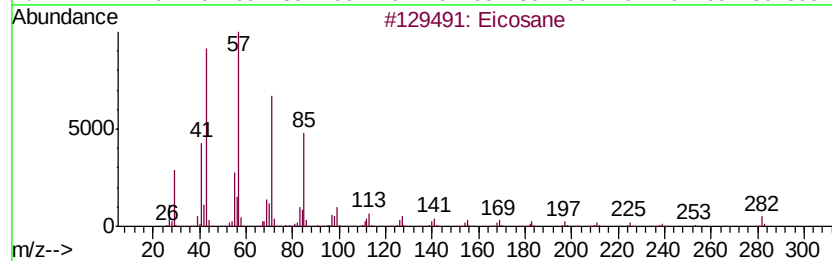
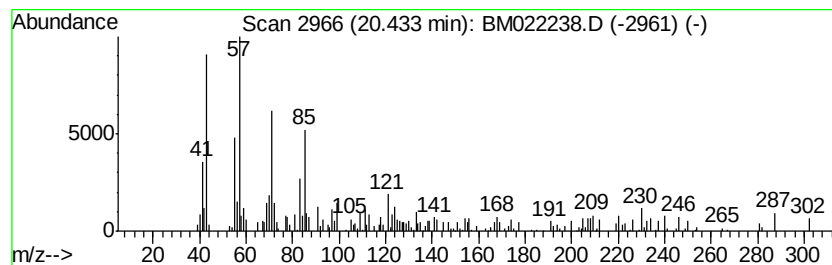
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	3.69 ng	119060	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Heptadecane	240	C17H36	000629-78-7	89
3		Pentadecane	212	C15H32	000629-62-9	89
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
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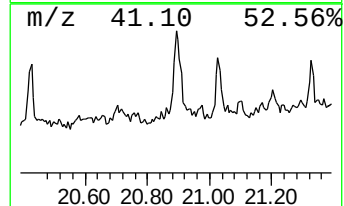
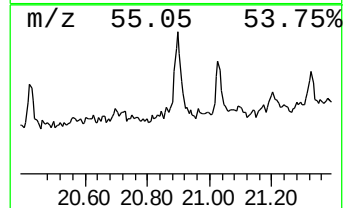
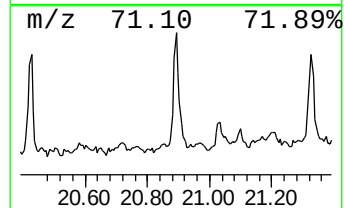
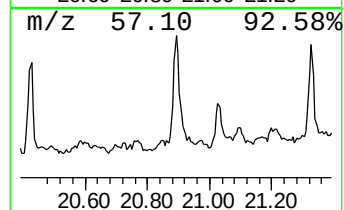
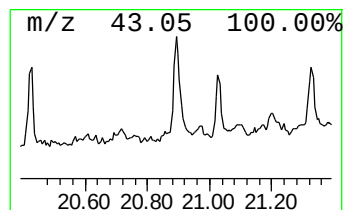
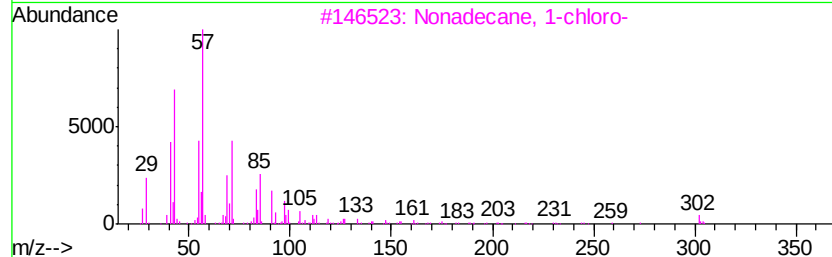
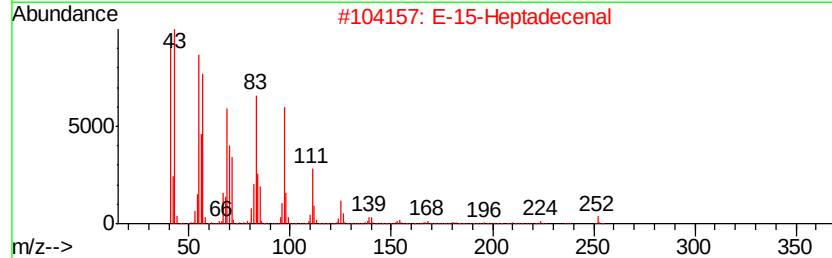
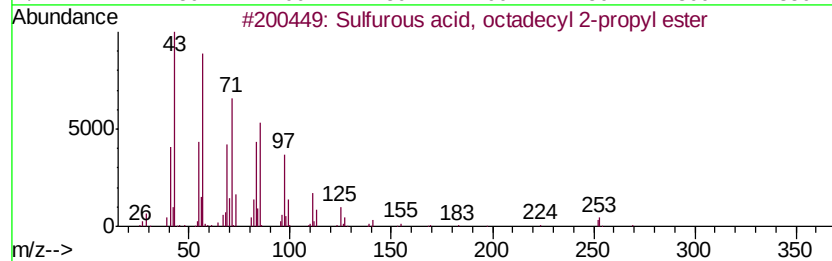
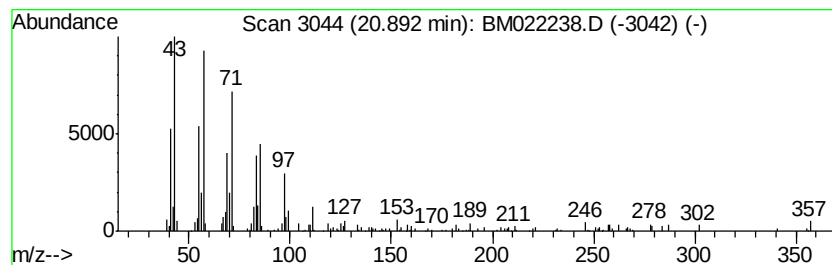
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Sulfurous acid, octadecyl 2... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.		
20.89	5.92 ng	190986	Chrysene-d12		21.19		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
2			E-15-Heptadecenal	252	C17H32O	1000130-97-9	80
3			Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	76
4			Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	74
5			Hexadecane, 1-(ethenylloxy)-	268	C18H36O	000822-28-6	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
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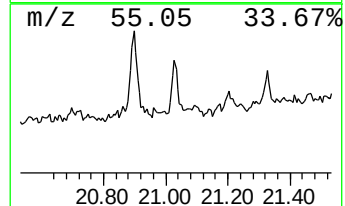
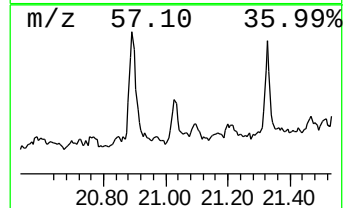
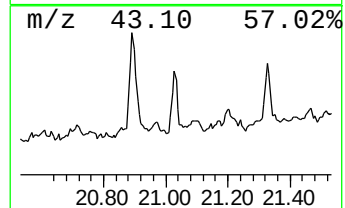
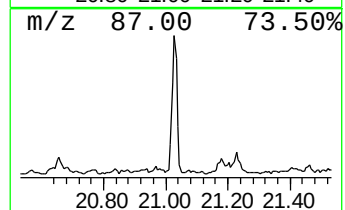
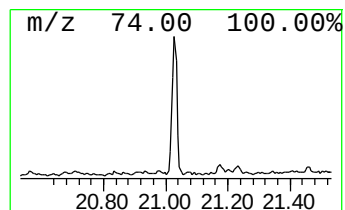
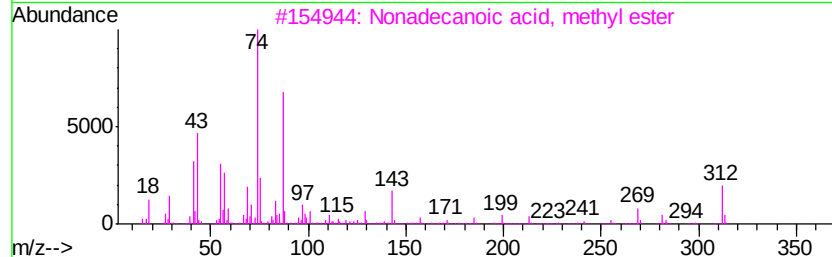
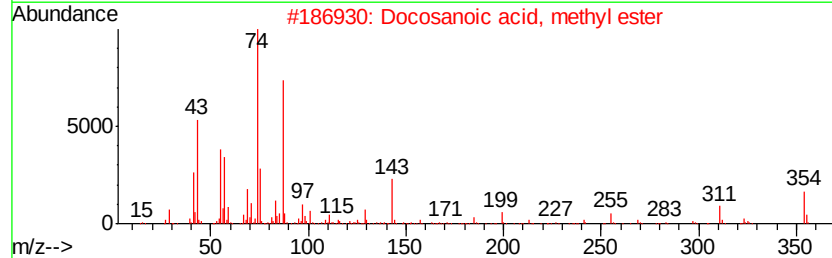
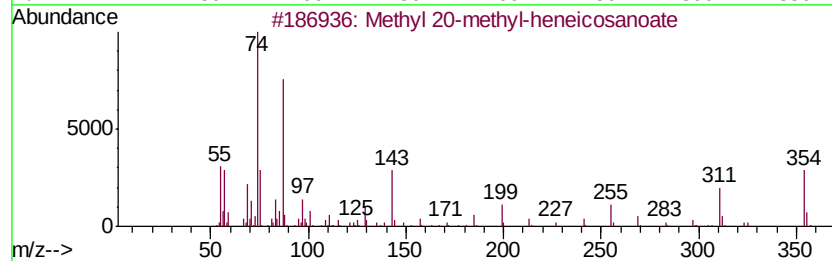
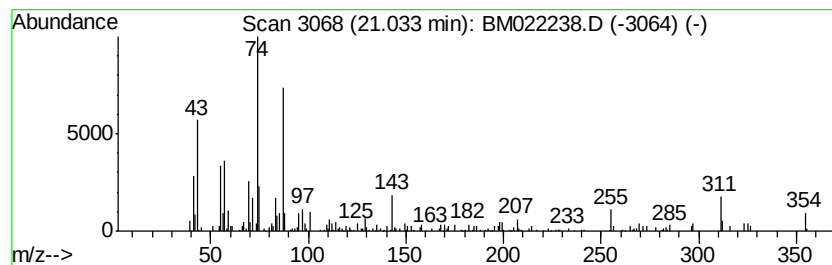
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.03	4.24 ng	136984	Chrysene-d12		21.19	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl	20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	97
2	Docosanoic acid,	methyl ester	354	C23H46O2	000929-77-1	95
3	Nonadecanoic acid,	methyl ester	312	C20H40O2	001731-94-8	93
4	Heptadecanoic acid,	16-methyl-, ...	298	C19H38O2	005129-61-3	87
5	Methyl	stearate	298	C19H38O2	000112-61-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022238.D
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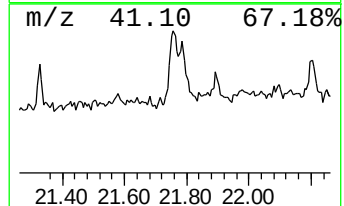
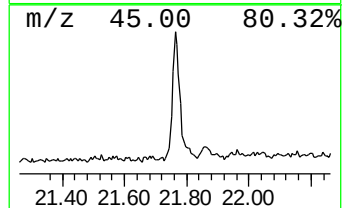
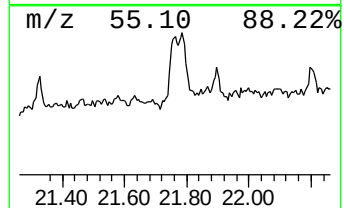
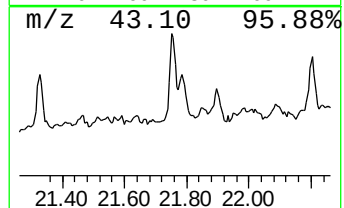
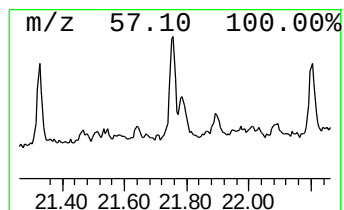
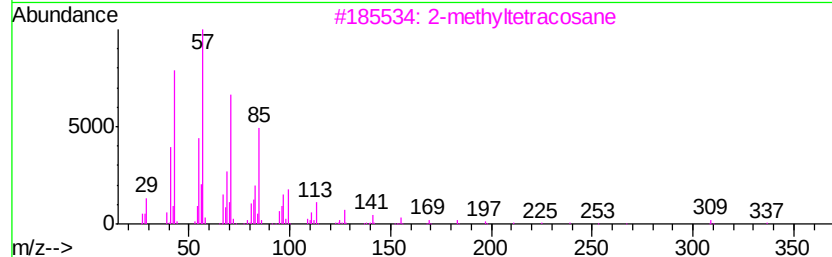
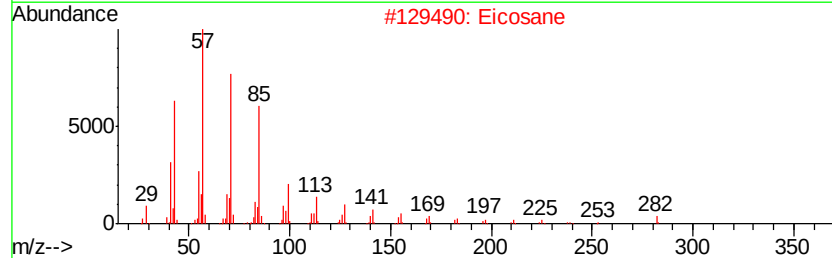
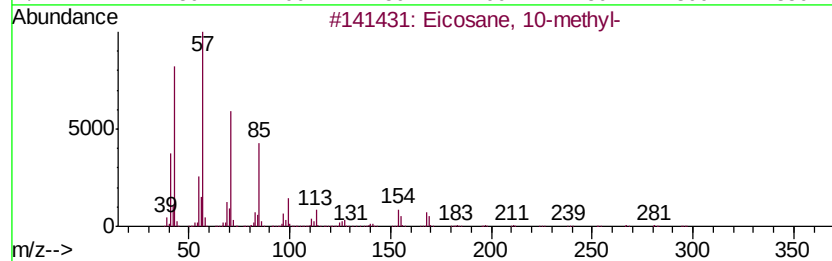
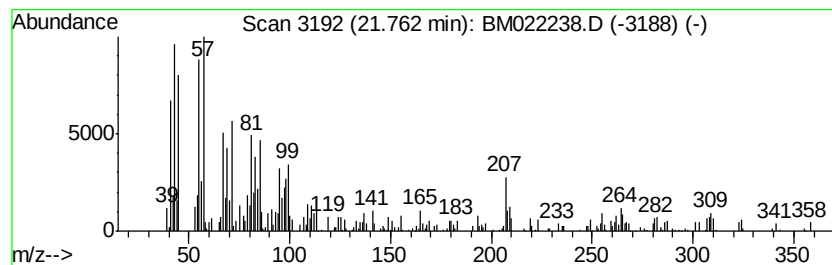
Instrument :
BNA_M
ClientSampleId :
NB-08-082019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Eicosane, 10-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.76	4.42 ng	142673	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	89	
2	Eicosane	282	C20H42	000112-95-8	83	
3	2-methyltetracosane	352	C25H52	1000376-72-6	74	
4	Heptadecane	240	C17H36	000629-78-7	68	
5	Hexacosane	366	C26H54	000630-01-3	62	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082119\
 Data File : BM022238.D
 Acq On : 21 Aug 2019 20:39
 Operator : HP/JU
 Sample : K4086-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-082019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.10	7.10	76.9	ng	489901	1	7.56	127393	20.0
Hexadecane	15.06	8.2	ng	91484	3	14.22	223523	20.0
Pentadecane, 2,6,...	15.47	6.2	ng	68823	3	14.22	223523	20.0
Nonadecane	15.93	14.6	ng	205744	4	16.99	282709	20.0
Heptadecane	16.73	10.5	ng	148621	4	16.99	282709	20.0
Hexadecane, 2,6,1...	16.77	4.8	ng	68499	4	16.99	282709	20.0
Tetracosane	17.46	10.6	ng	149761	4	16.99	282709	20.0
Hexadecanoic acid...	17.65	63.7	ng	899836	4	16.99	282709	20.0
n-Hexadecanoic acid	17.88	27.0	ng	382028	4	16.99	282709	20.0
Tetradecane	18.16	11.5	ng	162220	4	16.99	282709	20.0
Methyl 9-cis,11-t...	18.80	207.9	ng	2938810	4	16.99	282709	20.0
9-Octadecenoic ac...	18.84	371.2	ng	5246600	4	16.99	282709	20.0
Methyl stearate	18.97	31.7	ng	448050	4	16.99	282709	20.0
Heptadecane, 2,6,...	19.93	3.8	ng	121215	5	21.19	645673	20.0
Methyl 18-methyln...	20.07	3.6	ng	116409	5	21.19	645673	20.0
Eicosane	20.43	3.7	ng	119060	5	21.19	645673	20.0
Sulfurous acid, o...	20.89	5.9	ng	190986	5	21.19	645673	20.0
Docosanoic acid, ...	21.03	4.2	ng	136984	5	21.19	645673	20.0
Eicosane, 10-methyl-	21.76	4.4	ng	142673	5	21.19	645673	20.0