

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048483.D
 Acq On : 23 Mar 2021 23:54
 Operator : CG/JU
 Sample : M1768-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032221

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_G\METHODS\8270-BG031821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048483.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.653	387	394	404	rBV	395264	643962	3.19%	1.128%
2	7.251	659	666	676	rBV	420143	740783	3.66%	1.298%
3	8.103	803	811	819	rBV	251688	418705	2.07%	0.733%
4	9.272	1003	1010	1016	rBV	261966	459098	2.27%	0.804%
5	10.929	1280	1292	1298	rBV	317303	625970	3.10%	1.097%
6	13.368	1699	1707	1713	rBV	663982	1017663	5.03%	1.783%
7	14.631	1917	1922	1930	rBV	149017	204745	1.01%	0.359%
8	14.743	1931	1941	1948	rVV	482155	818495	4.05%	1.434%
9	15.583	2079	2084	2088	rVB	171467	226722	1.12%	0.397%
10	16.229	2187	2194	2202	rVB	516248	822694	4.07%	1.441%
11	16.441	2226	2230	2233	rBV	196987	279878	1.38%	0.490%
12	17.240	2361	2366	2370	rBV	202462	245431	1.21%	0.430%
13	17.498	2404	2410	2414	rBV	549861	848006	4.20%	1.485%
14	17.980	2488	2492	2496	rBV	181518	221468	1.10%	0.388%
15	18.156	2517	2522	2528	rVB	3414118	4202619	20.79%	7.362%
16	18.385	2555	2561	2565	rBV2	548395	809383	4.00%	1.418%
17	18.567	2587	2592	2596	rBV3	115983	210577	1.04%	0.369%
18	19.302	2710	2717	2720	rBV	14516356	20214022	100.00%	35.409%
19	19.337	2720	2723	2732	rVB2	12316244	15046655	74.44%	26.357%
20	19.455	2738	2743	2748	rVB	1771770	1996823	9.88%	3.498%
21	19.508	2748	2752	2755	rBV	774320	1107393	5.48%	1.940%
22	19.543	2755	2758	2767	rVB2	1254444	2000381	9.90%	3.504%
23	19.913	2817	2821	2829	rVB	657735	1012736	5.01%	1.774%
24	20.107	2849	2854	2858	rVB	1089726	1315322	6.51%	2.304%
25	20.401	2901	2904	2907	rBV2	176338	222075	1.10%	0.389%
26	20.542	2926	2928	2934	rBV2	149060	204282	1.01%	0.358%
27	21.787	3134	3140	3146	rBV2	507852	1171039	5.79%	2.051%

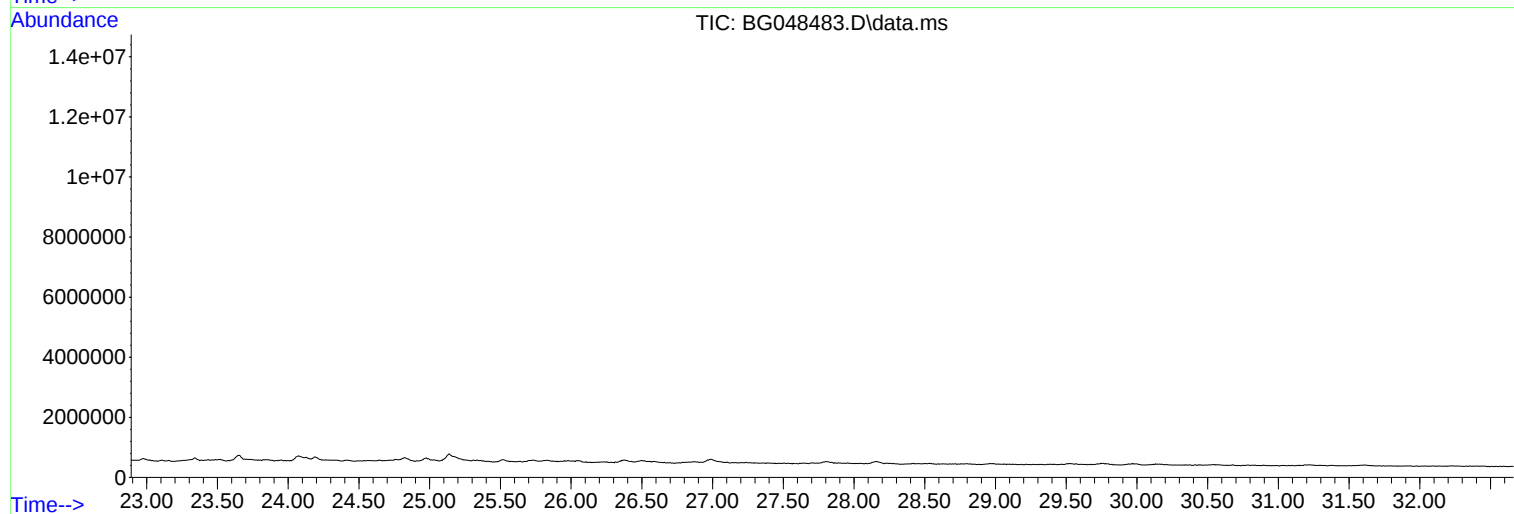
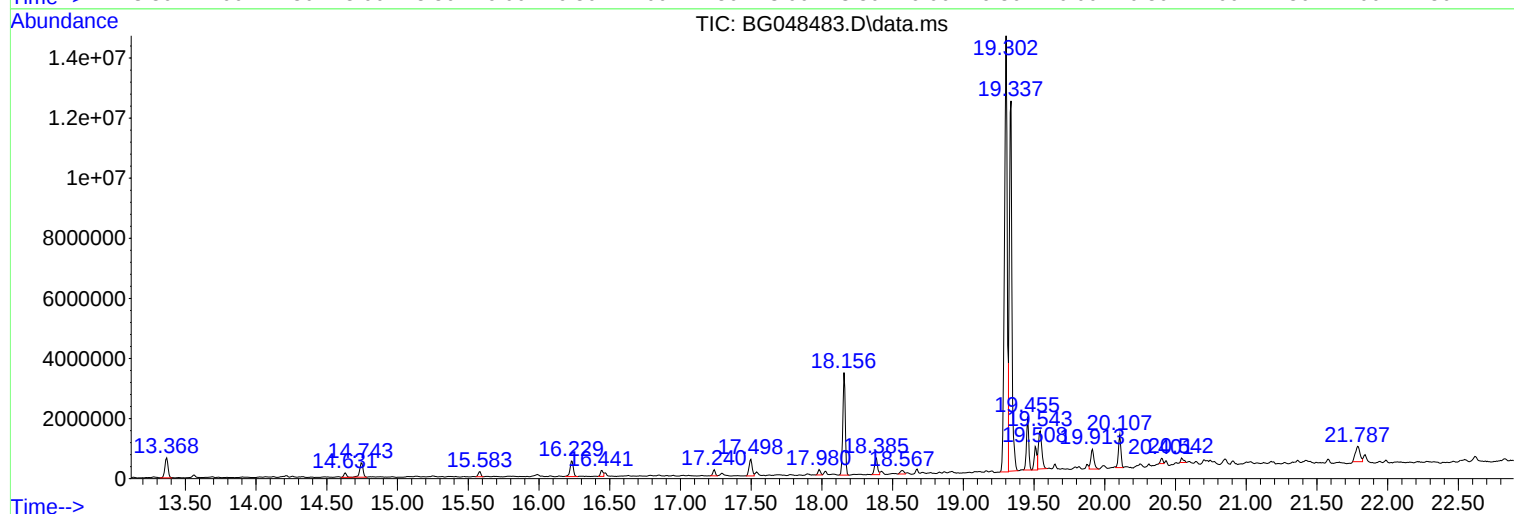
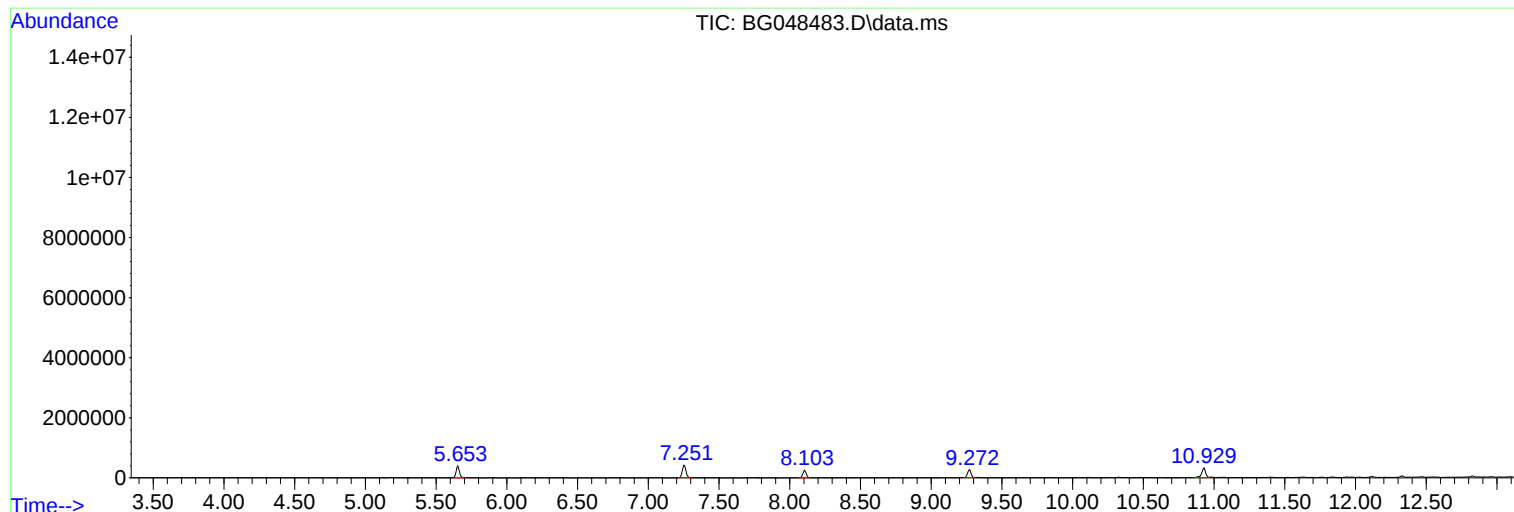
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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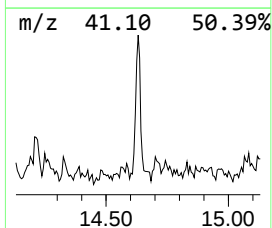
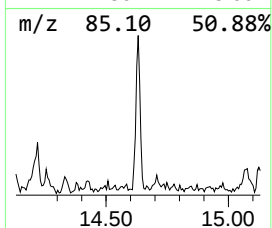
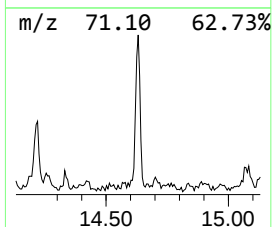
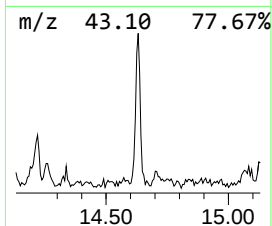
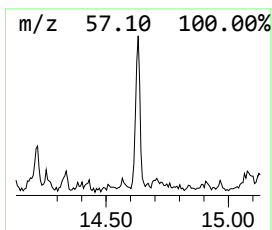
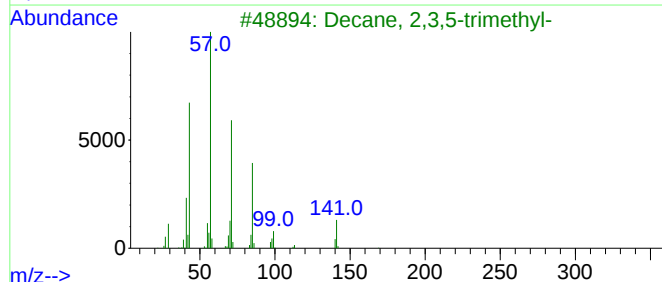
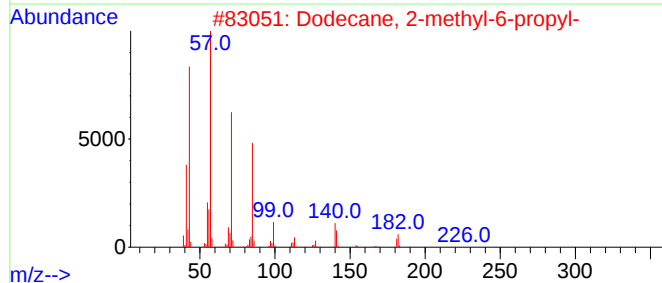
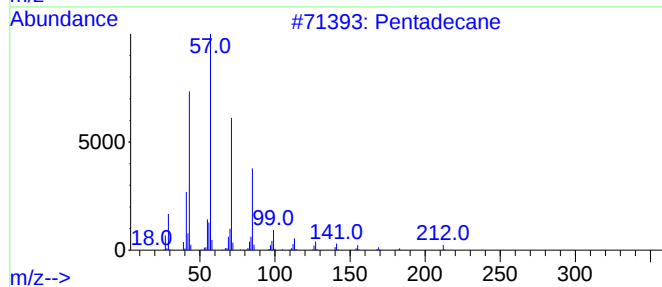
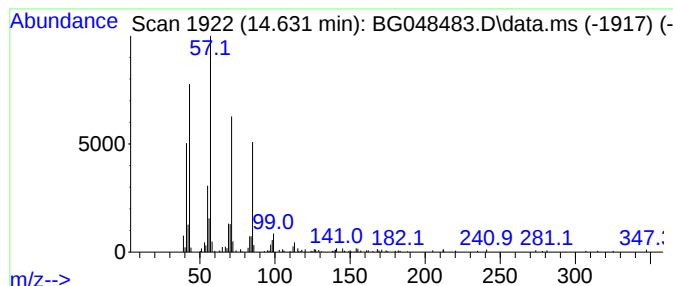
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.631	5.00 ng	204745	Acenaphthene-d10	14.743

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
5			Hexadecane	226	C16H34	000544-76-3	72



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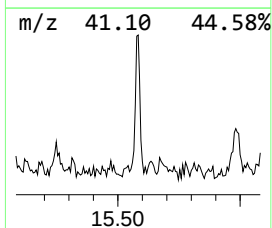
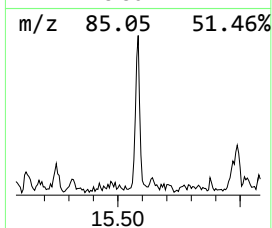
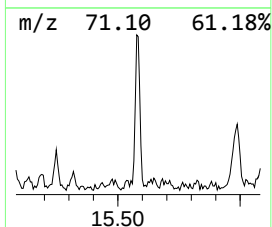
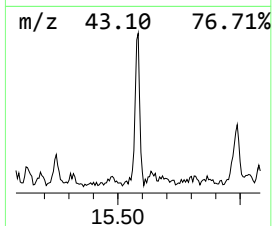
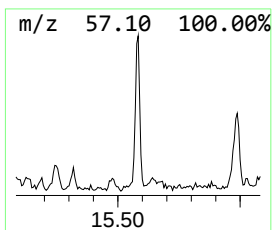
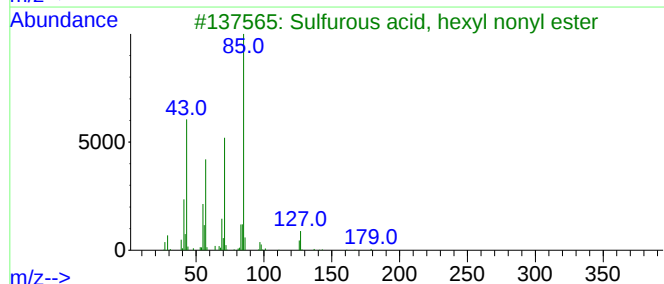
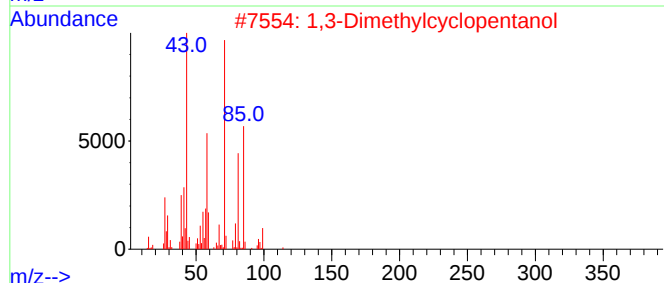
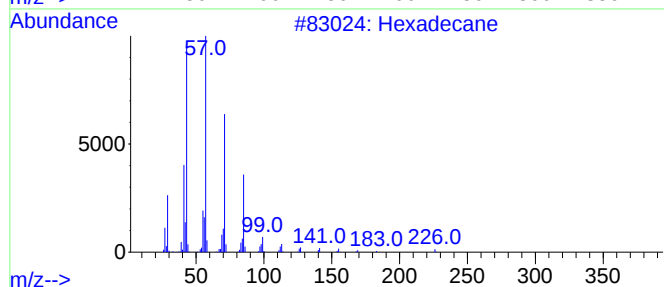
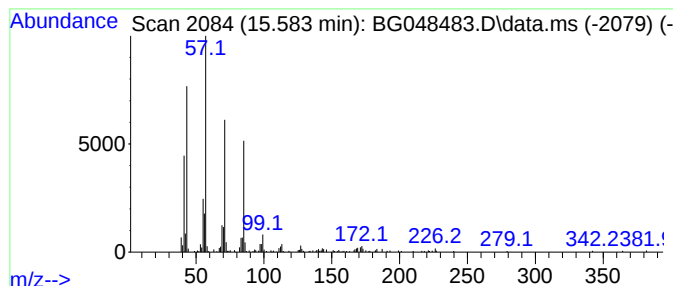
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.583	5.54 ng	226722	Acenaphthene-d10	14.743

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
3			Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	59
4			Tridecane	184	C13H28	000629-50-5	59
5			Nonadecane	268	C19H40	000629-92-5	58



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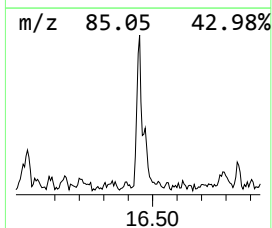
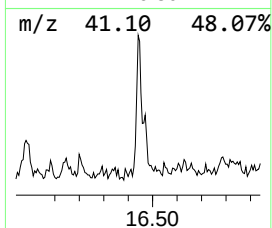
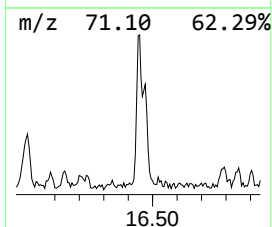
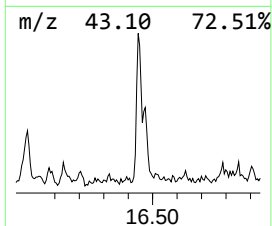
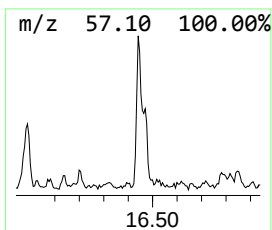
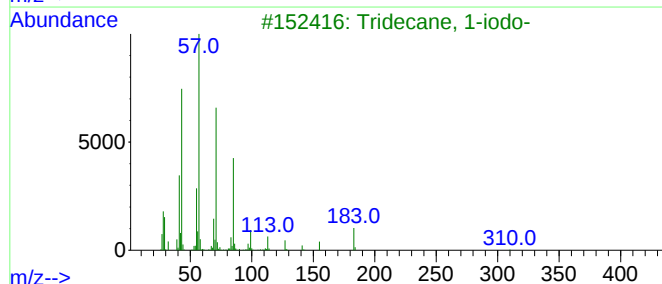
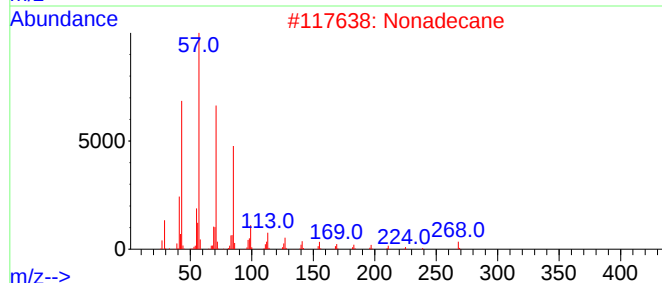
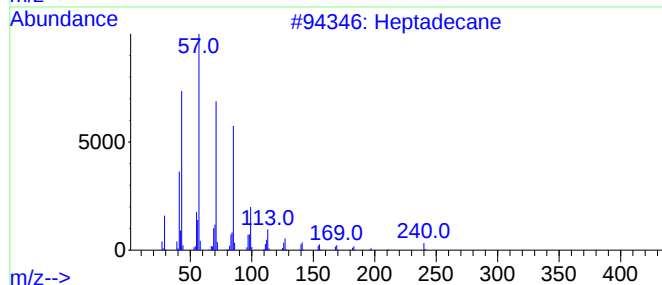
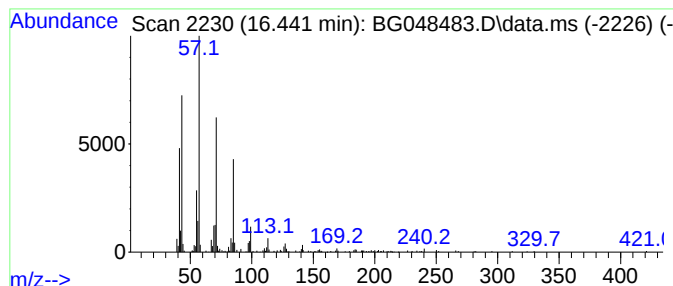
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.441	6.60 ng	279878	Phenanthrene-d10	17.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Nonadecane	268	C19H40	000629-92-5	96
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4			Dodecane	170	C12H26	000112-40-3	87
5			Octacosane	394	C28H58	000630-02-4	86



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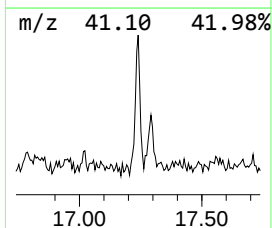
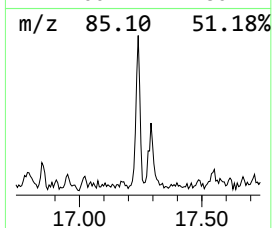
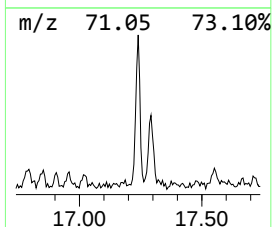
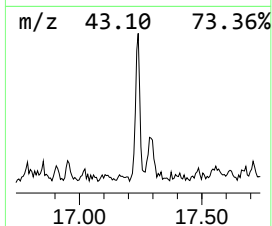
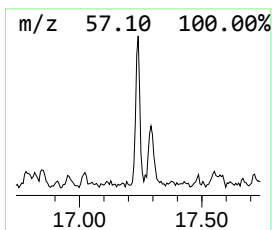
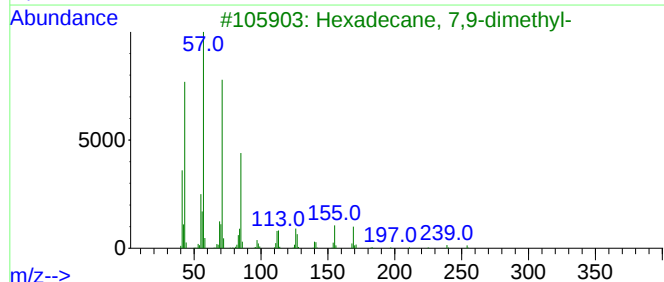
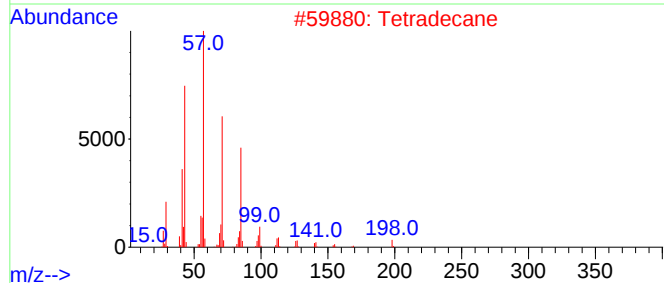
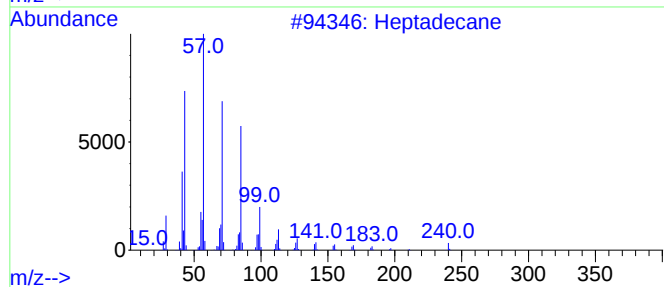
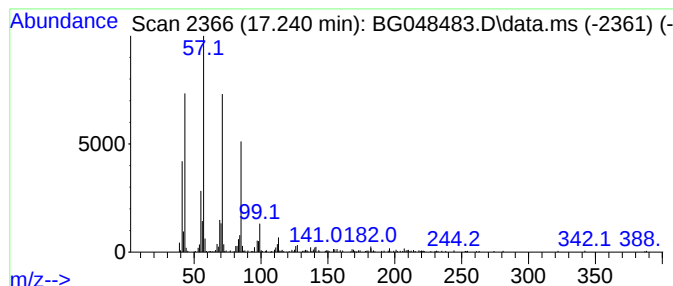
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Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.240	5.79 ng	245431	Phenanthrene-d10	17.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	83
2			Tetradecane	198	C14H30	000629-59-4	83
3			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	81
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5			Eicosane	282	C20H42	000112-95-8	80



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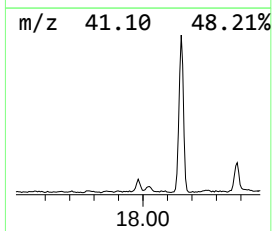
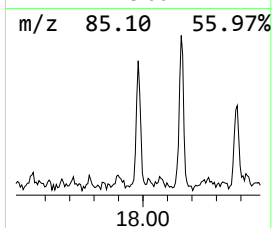
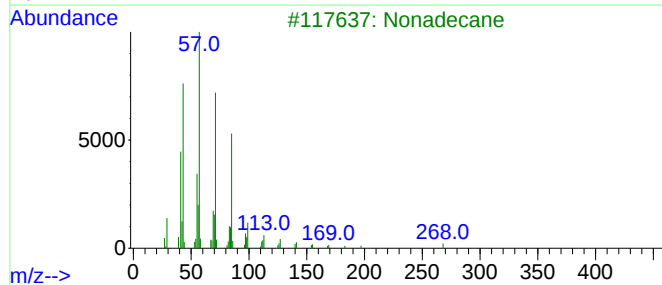
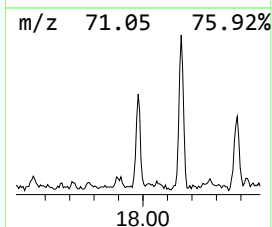
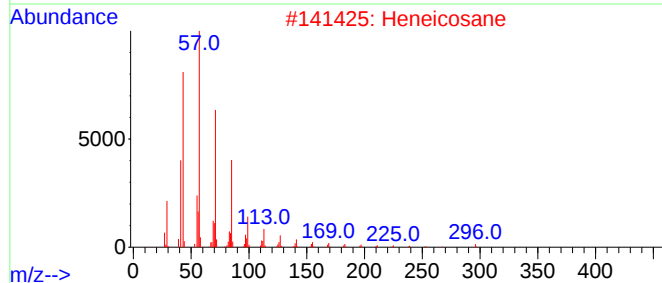
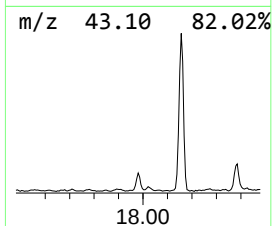
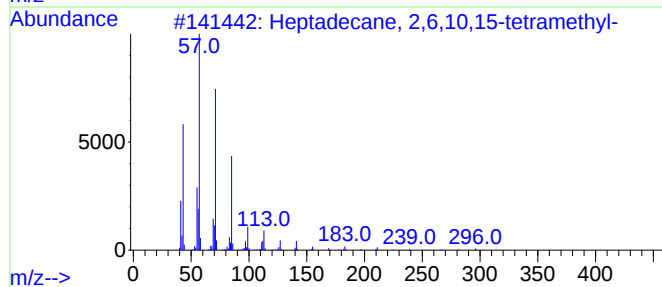
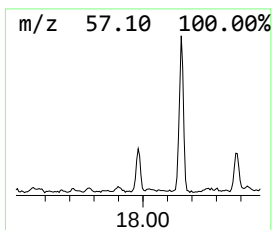
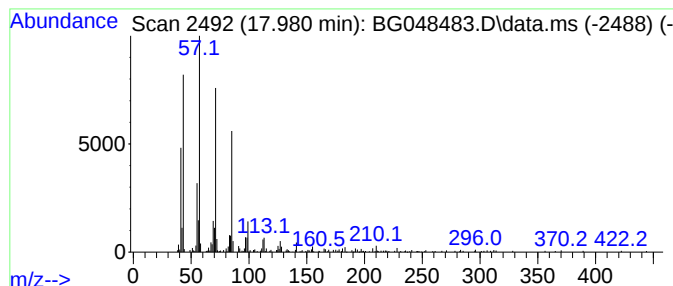
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Peak Number 5 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	5.22 ng	221468	Phenanthrene-d10	17.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Tetradecane	198	C14H30	000629-59-4	87
5			Octacosane	394	C28H58	000630-02-4	87



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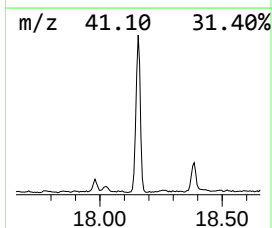
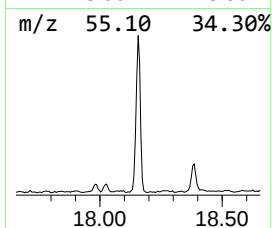
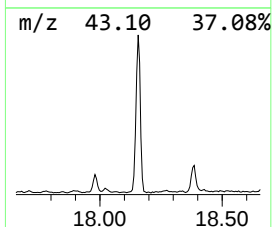
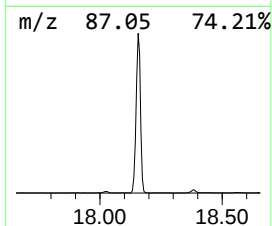
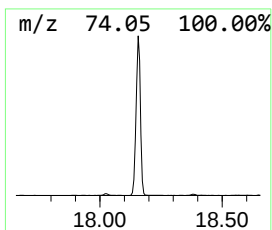
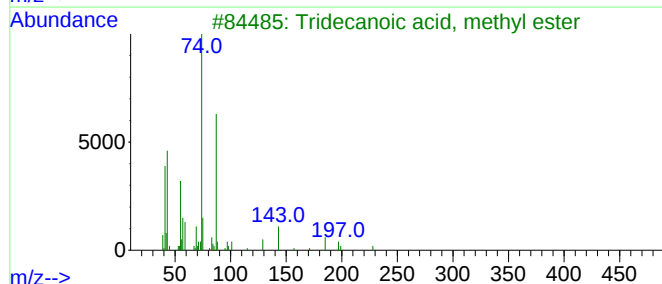
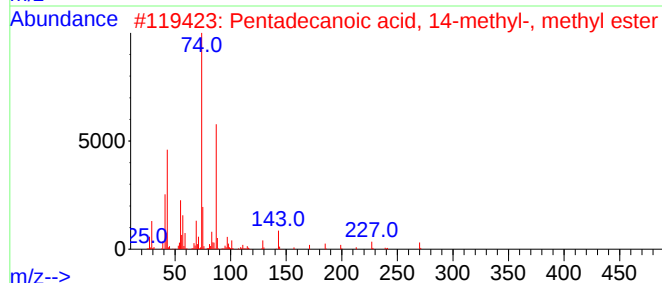
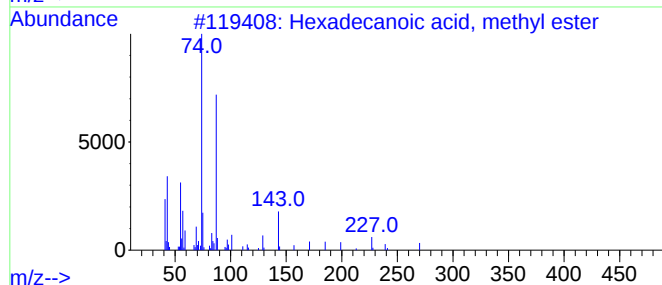
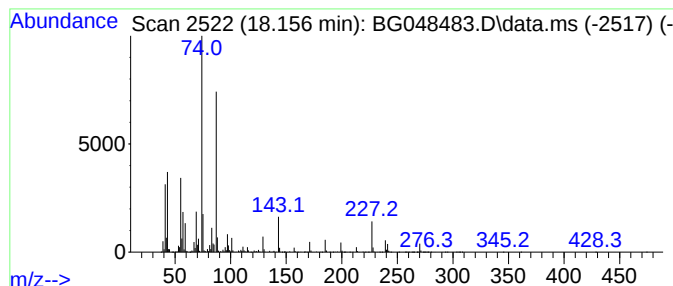
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.156	99.12 ng	4202620	Phenanthrene-d10	17.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	94
4			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048483.D
Acq On : 23 Mar 2021 23:54
Operator : CG/JU
Sample : M1768-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-032221

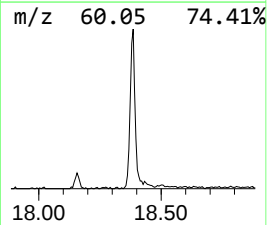
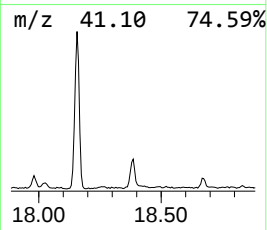
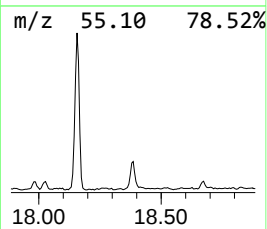
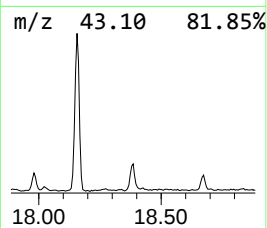
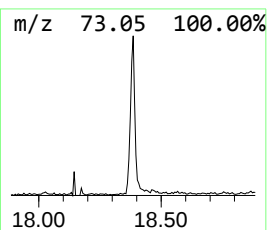
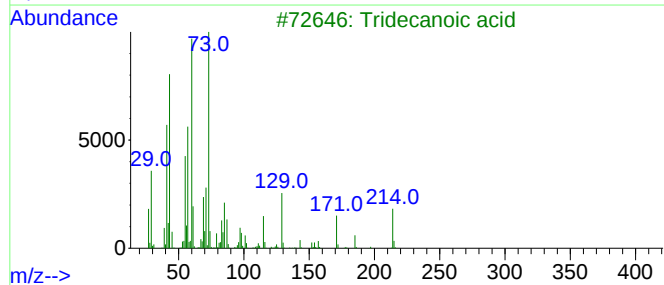
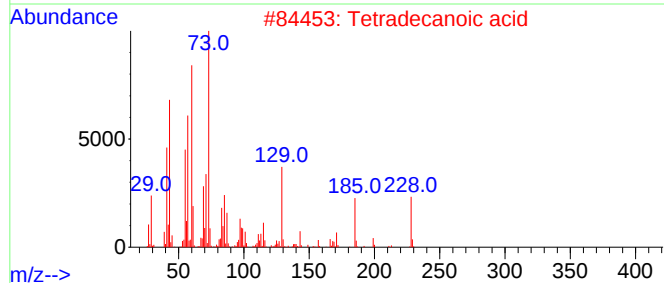
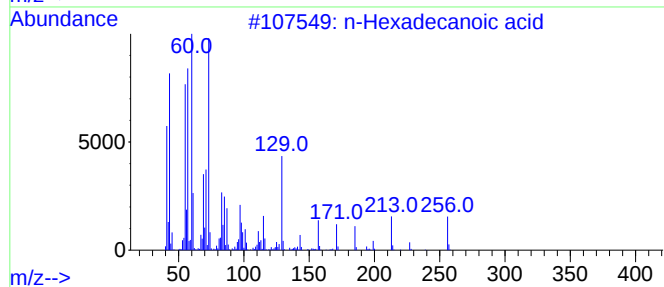
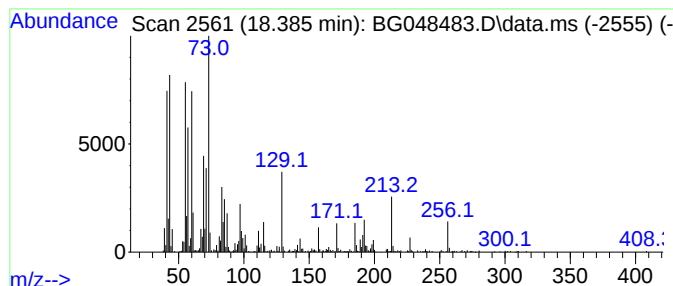
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.385	19.09 ng	809383	Phenanthrene-d10	17.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Octadecanoic acid	284	C18H36O2	000057-11-4	76
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048483.D
Acq On : 23 Mar 2021 23:54
Operator : CG/JU
Sample : M1768-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-032221

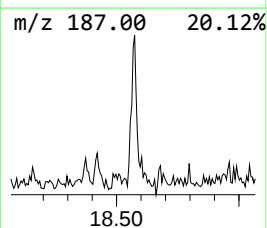
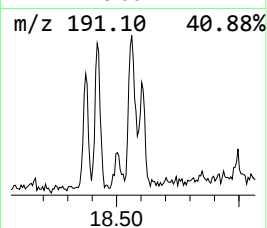
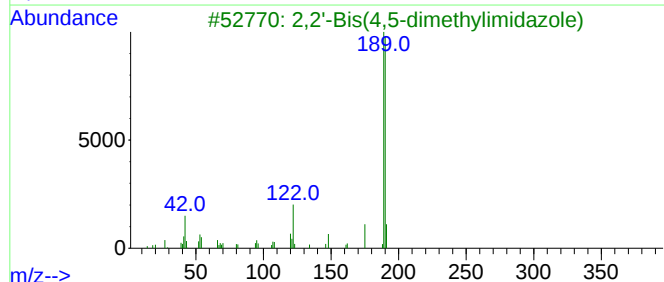
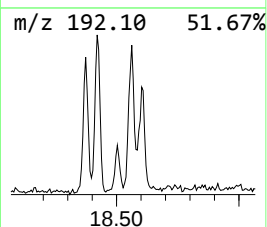
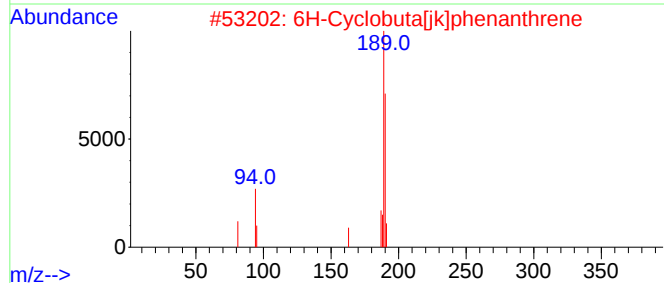
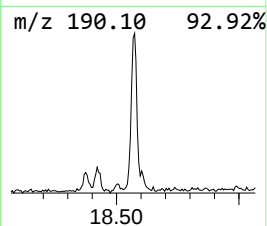
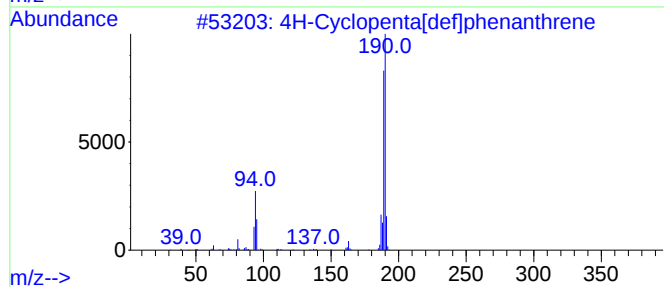
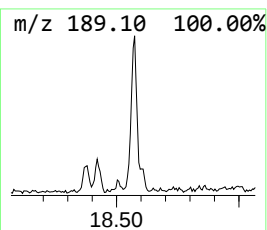
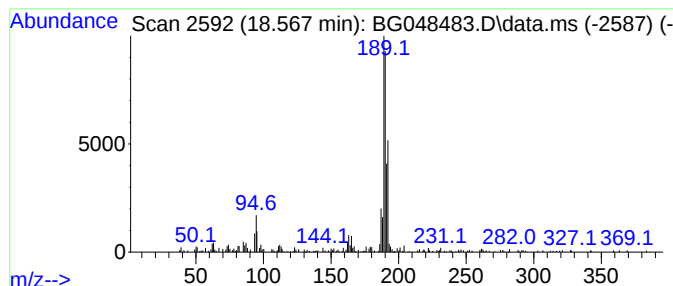
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.567	4.97 ng	210577	Phenanthrene-d10	17.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
4			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	43
5			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048483.D
Acq On : 23 Mar 2021 23:54
Operator : CG/JU
Sample : M1768-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-032221

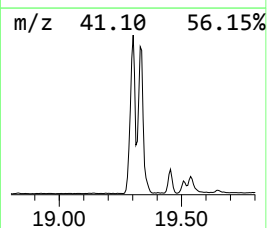
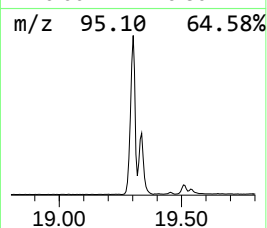
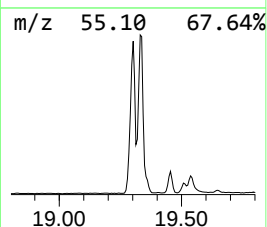
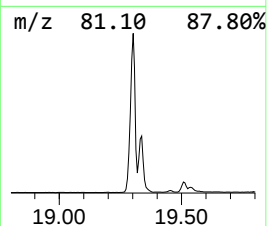
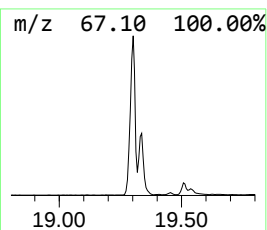
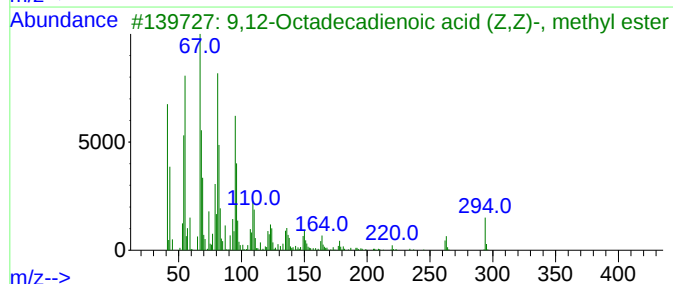
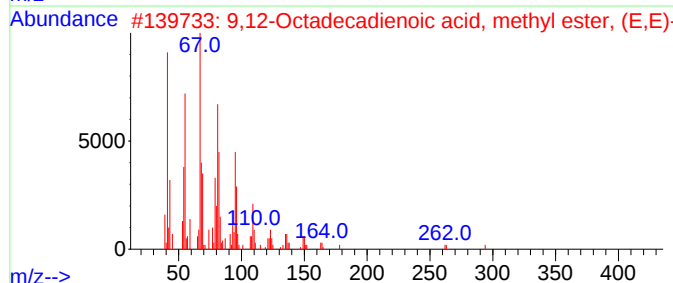
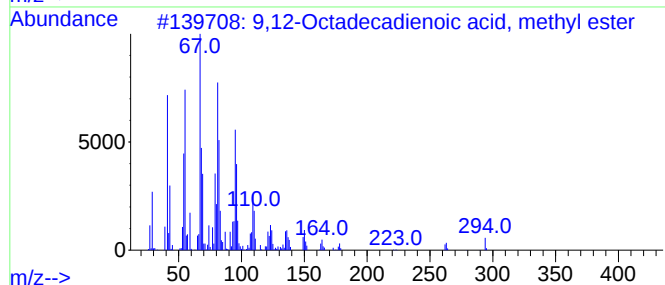
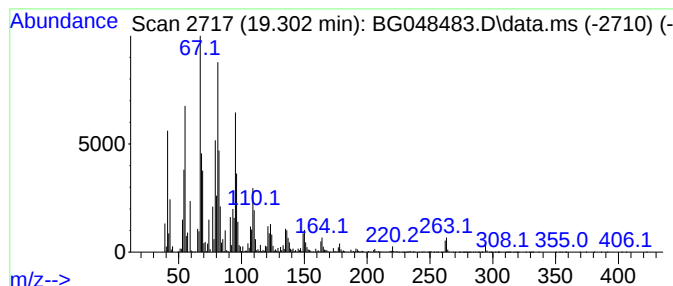
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.302	476.74 ng	20214000	Phenanthrene-d10	17.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98		
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98		
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98		
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048483.D
Acq On : 23 Mar 2021 23:54
Operator : CG/JU
Sample : M1768-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-032221

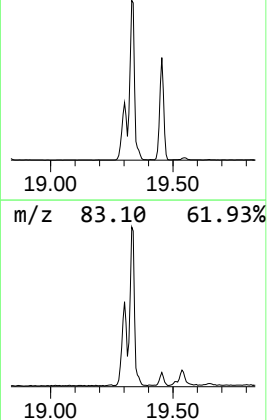
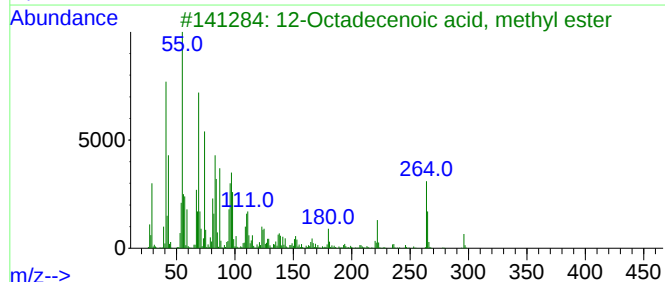
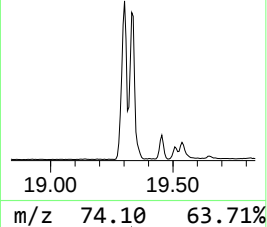
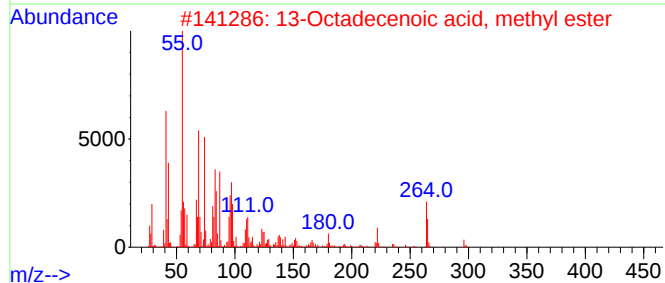
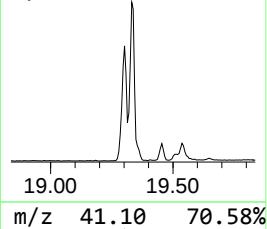
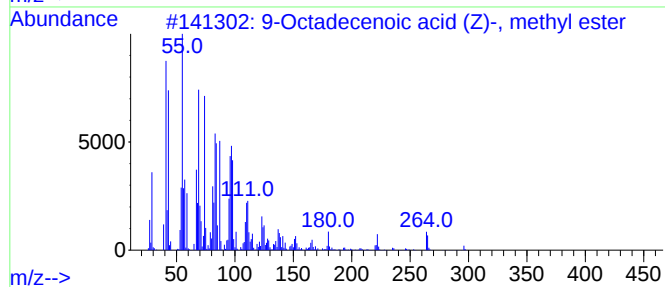
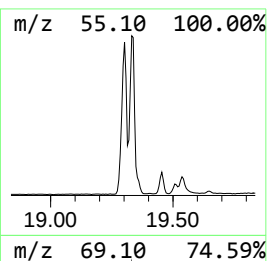
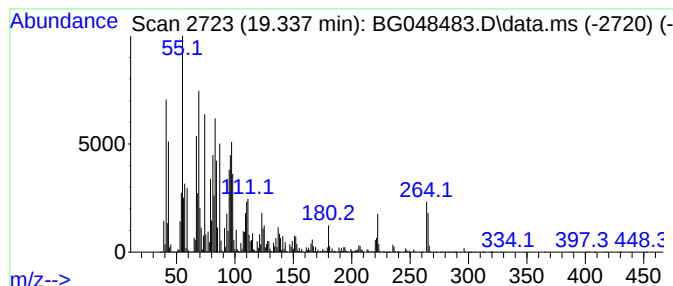
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.337	354.87 ng	15046700	Phenanthrene-d10	17.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4			11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048483.D
Acq On : 23 Mar 2021 23:54
Operator : CG/JU
Sample : M1768-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-032221

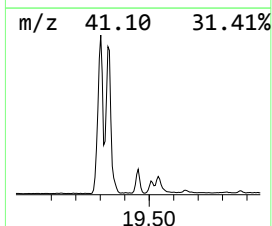
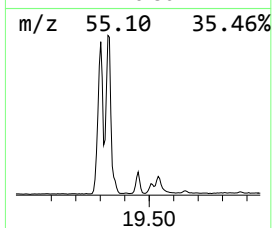
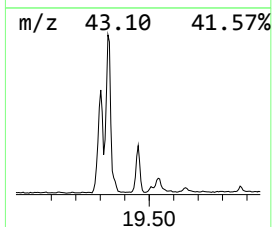
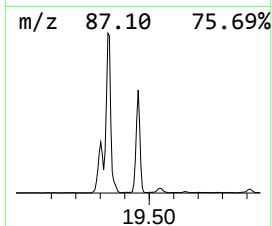
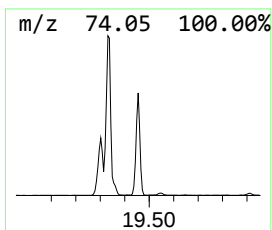
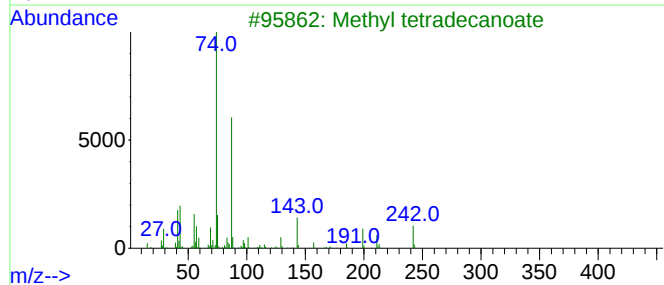
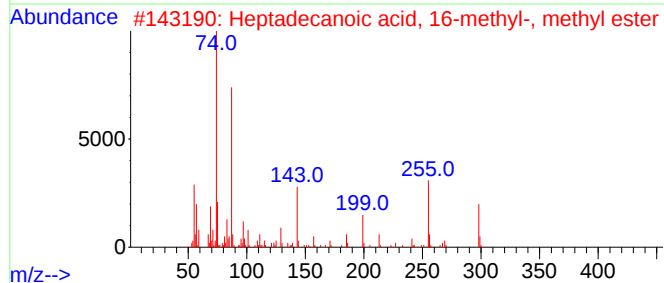
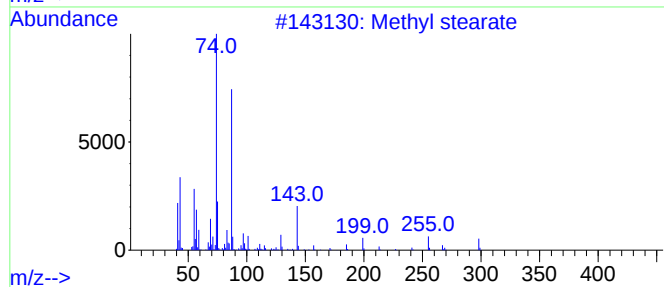
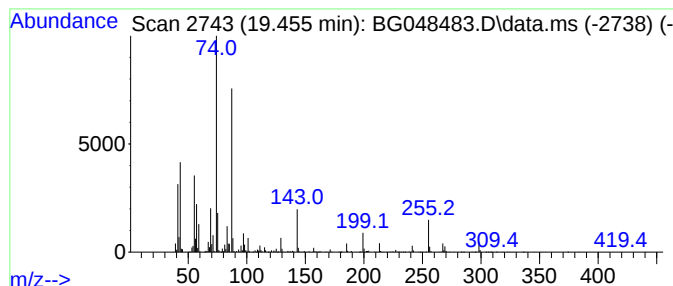
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.455	47.09 ng	1996820	Phenanthrene-d10	17.498

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			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048483.D
Acq On : 23 Mar 2021 23:54
Operator : CG/JU
Sample : M1768-01 2X
Misc :
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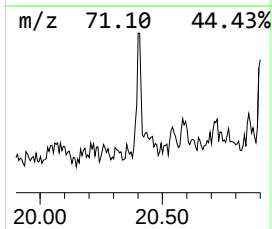
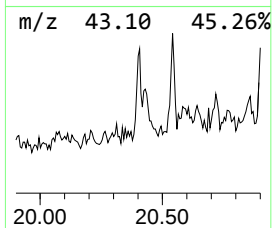
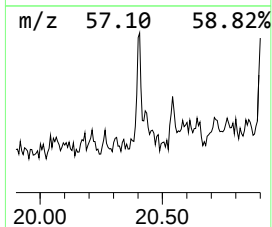
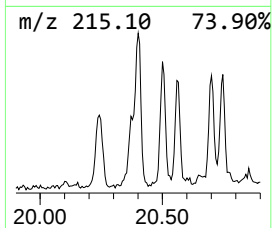
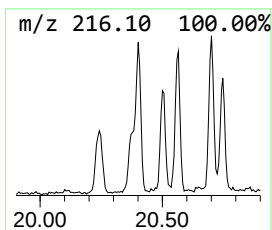
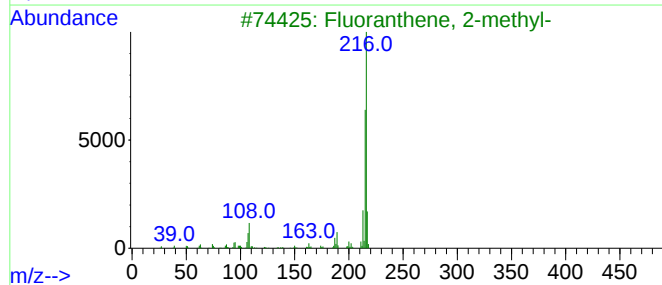
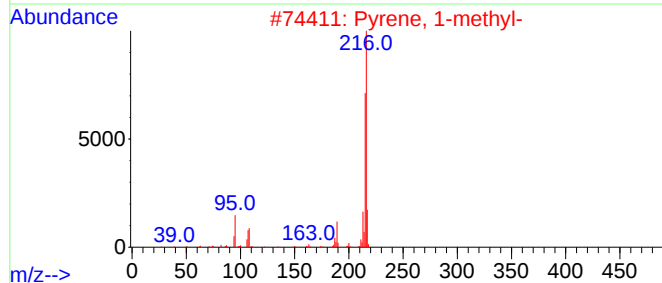
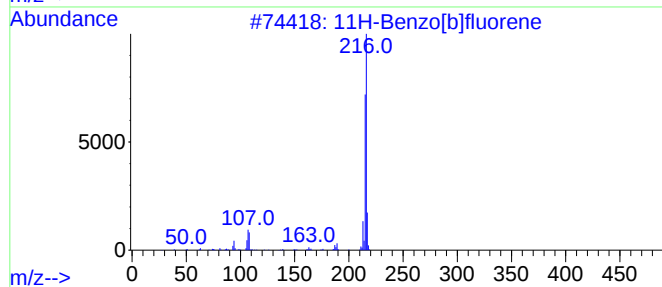
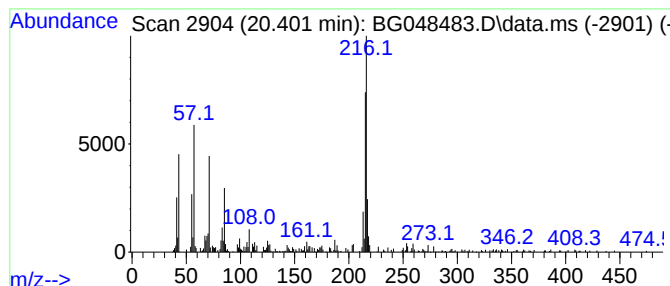
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.401	3.79 ng	222075	Chrysene-d12	21.793	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	52
4	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	52
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048483.D
Acq On : 23 Mar 2021 23:54
Operator : CG/JU
Sample : M1768-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

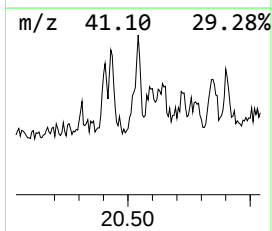
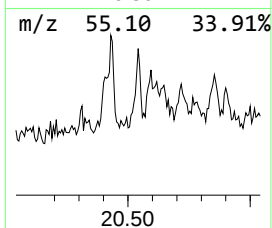
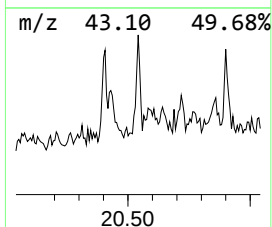
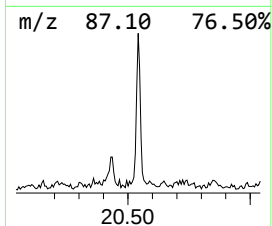
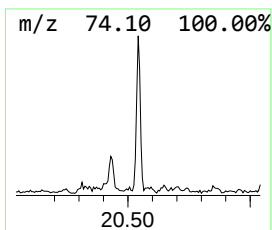
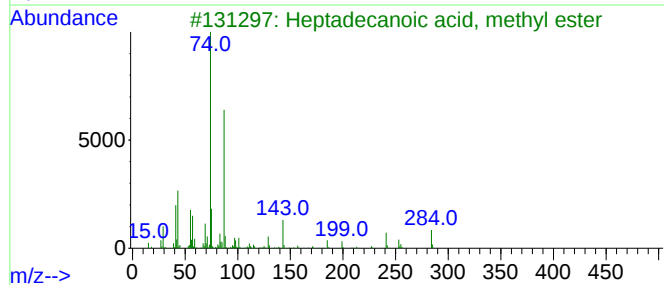
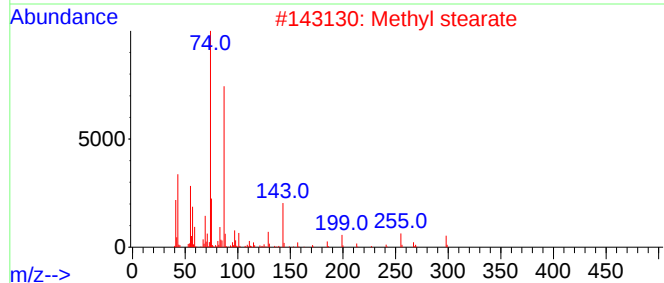
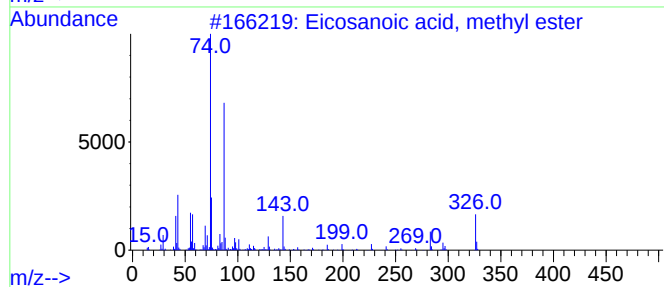
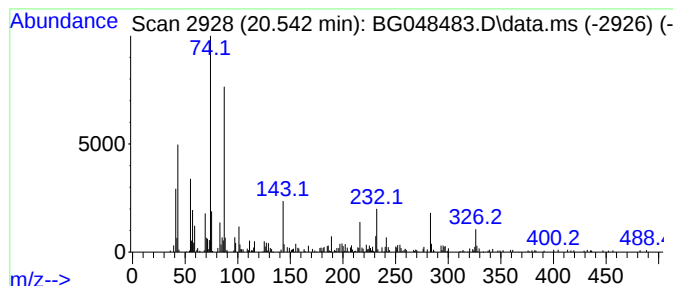
Instrument :
BNA_G
ClientSampleId :
EO-02-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.542	3.49 ng	204282	Chrysene-d12		21.793	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester		326	C21H42O2	001120-28-1	90
2	Methyl stearate		298	C19H38O2	000112-61-8	89
3	Heptadecanoic acid, methyl ester		284	C18H36O2	001731-92-6	81
4	Methyl 18-methylnonadecanoate		326	C21H42O2	1000352-20-6	74
5	Hexadecanoic acid, 14-methyl-, m...		284	C18H36O2	002490-49-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048483.D
 Acq On : 23 Mar 2021 23:54
 Operator : CG/JU
 Sample : M1768-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-032221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.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
Pentadecane	14.631	5.0	ng	204745	3	14.743	818495	20.0
Hexadecane	15.583	5.5	ng	226722	3	14.743	818495	20.0
Heptadecane	16.441	6.6	ng	279878	4	17.498	848006	20.0
Tetradecane	17.240	5.8	ng	245431	4	17.498	848006	20.0
Heptadecane, 2,...	17.980	5.2	ng	221468	4	17.498	848006	20.0
Hexadecanoic ac...	18.156	99.1	ng	4202620	4	17.498	848006	20.0
n-Hexadecanoic ...	18.385	19.1	ng	809383	4	17.498	848006	20.0
4H-Cyclopenta[d...]	18.567	5.0	ng	210577	4	17.498	848006	20.0
9,12-Octadecadi...	19.302	476.7	ng	20214000	4	17.498	848006	20.0
9-Octadecenoic ...	19.337	354.9	ng	15046700	4	17.498	848006	20.0
Methyl stearate	19.455	47.1	ng	1996820	4	17.498	848006	20.0
11H-Benzo[b]flu...	20.401	3.8	ng	222075	5	21.793	1171040	20.0
Eicosanoic acid...	20.542	3.5	ng	204282	5	21.793	1171040	20.0