

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
 Data File : BG038011.D
 Acq On : 15 Nov 2018 00:13
 Operator : JU/SJ
 Sample : J5889-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-C

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_G\METHODS\8270-BG111318.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	3.757	76	80	87	rBV	27170	46763	1.47%	0.199%
2	5.167	315	320	327	rBV	45368	75197	2.36%	0.320%
3	5.626	391	398	408	rBV	952194	1602410	50.20%	6.824%
4	7.230	663	671	684	rBV	1020184	1913958	59.96%	8.151%
5	7.612	728	736	750	rBV	963658	1704522	53.40%	7.259%
6	8.082	809	816	824	rBV	147857	265828	8.33%	1.132%
7	8.405	864	871	884	rVB	674603	1234335	38.67%	5.257%
8	9.263	1009	1017	1025	rBV	601528	1121036	35.12%	4.774%
9	10.902	1289	1296	1301	rBV	218952	419316	13.14%	1.786%
10	10.955	1301	1305	1314	rVB	179496	303160	9.50%	1.291%
11	12.277	1522	1530	1537	rBV2	22278	38262	1.20%	0.163%
12	12.553	1569	1577	1584	rBV	94904	161378	5.06%	0.687%
13	12.770	1606	1614	1623	rVB	43218	72279	2.26%	0.308%
14	13.340	1702	1711	1720	rVB	1541059	2415717	75.68%	10.288%
15	13.505	1730	1739	1743	rBV2	33681	54196	1.70%	0.231%
16	14.163	1842	1851	1856	rBV	251430	374548	11.73%	1.595%
17	14.574	1917	1921	1928	rVB	42039	57444	1.80%	0.245%
18	14.721	1940	1946	1954	rVB2	365510	601226	18.84%	2.560%
19	15.520	2078	2082	2089	rVB	46958	67809	2.12%	0.289%
20	15.925	2140	2151	2156	rBV	17866	32696	1.02%	0.139%
21	16.207	2192	2199	2206	rBV	1223345	1909524	59.82%	8.132%
22	16.384	2223	2229	2238	rBV	54630	111608	3.50%	0.475%
23	17.177	2359	2364	2368	rBV	46497	59851	1.88%	0.255%
24	17.465	2406	2413	2425	rBV2	481487	776538	24.33%	3.307%
25	17.917	2485	2490	2495	rVB	43763	58245	1.82%	0.248%
26	18.323	2554	2559	2574	rBV	163804	329852	10.33%	1.405%
27	18.605	2603	2607	2611	rVB	41164	51297	1.61%	0.218%
28	19.233	2709	2714	2721	rBV2	48108	68536	2.15%	0.292%
29	19.592	2770	2775	2789	rBV	68980	147189	4.61%	0.627%
30	19.809	2808	2812	2815	rVB	36180	44485	1.39%	0.189%
31	20.068	2849	2856	2862	rBV	2328491	3191918	100.00%	13.593%
32	20.338	2896	2902	2906	rBV	37165	47417	1.49%	0.202%
33	20.831	2982	2986	2990	rBV2	39194	45689	1.43%	0.195%
34	21.343	3069	3073	3076	rBV	49188	64936	2.03%	0.277%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	21.419	3076	3086	3088	rBV	17935	48295	1.51%	0.206%
36	21.748	3135	3142	3150	rVB2	468705	803399	25.17%	3.421%
37	21.895	3161	3167	3174	rVB2	83847	127351	3.99%	0.542%
38	22.512	3265	3272	3279	rBV	137609	237011	7.43%	1.009%
39	23.217	3385	3392	3402	rVB	206370	405074	12.69%	1.725%
40	24.039	3523	3532	3542	rVB2	217071	503961	15.79%	2.146%
41	25.009	3686	3697	3701	rBV	206679	547816	17.16%	2.333%
42	25.062	3702	3706	3719	rVB2	266432	695360	21.79%	2.961%
43	26.166	3882	3894	3906	rBV3	126651	421217	13.20%	1.794%
44	27.553	4118	4130	4148	rBV4	55949	222925	6.98%	0.949%

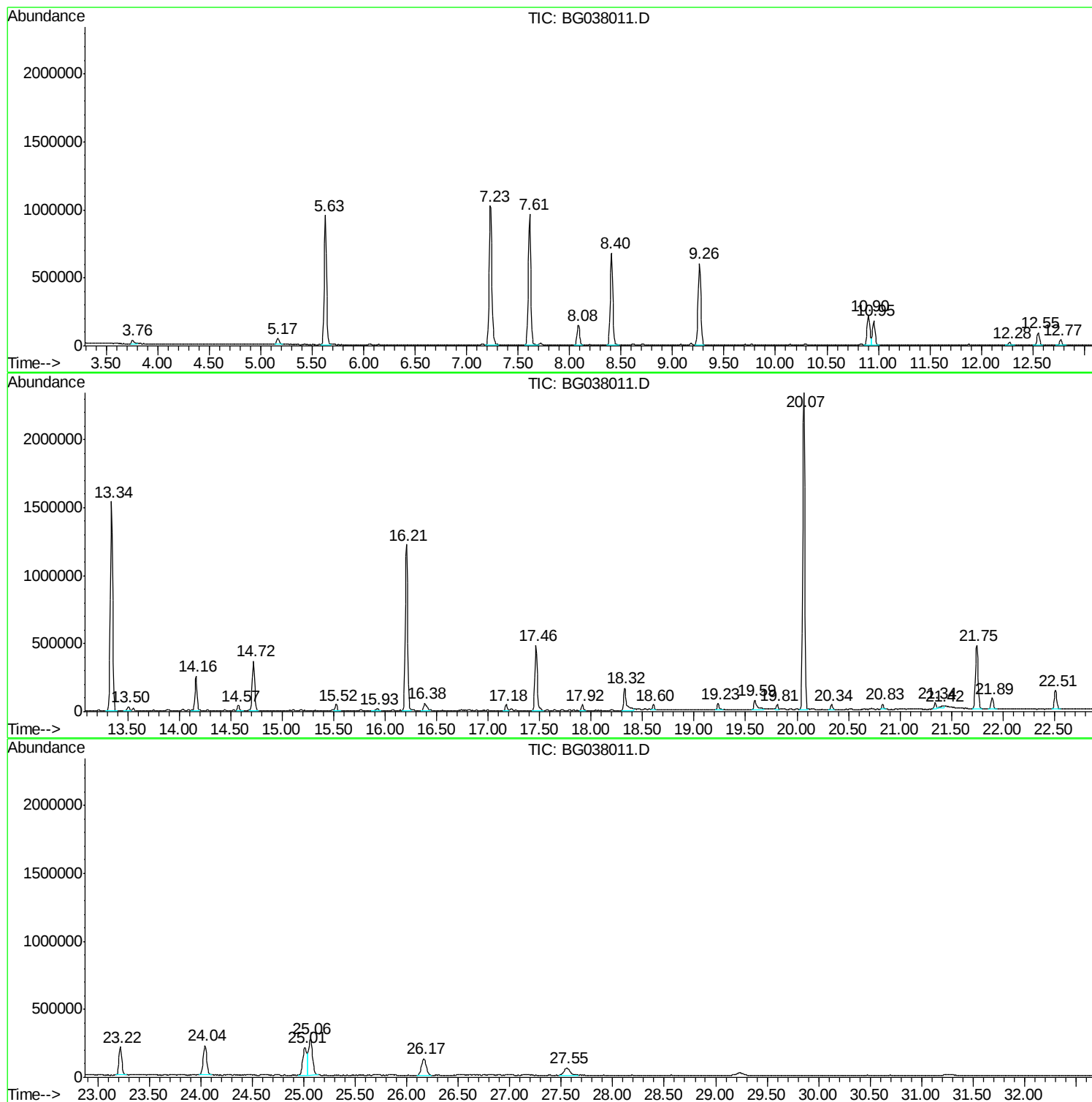
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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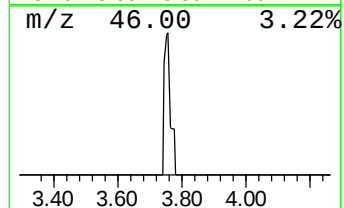
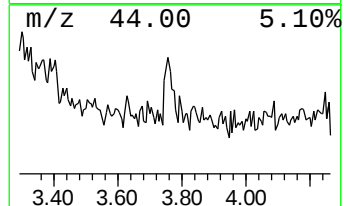
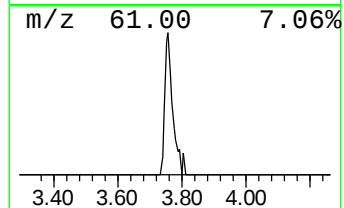
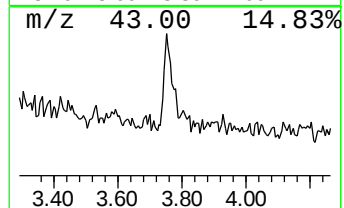
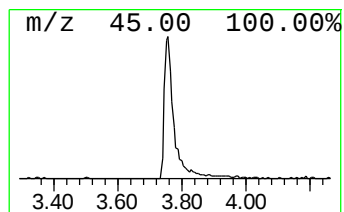
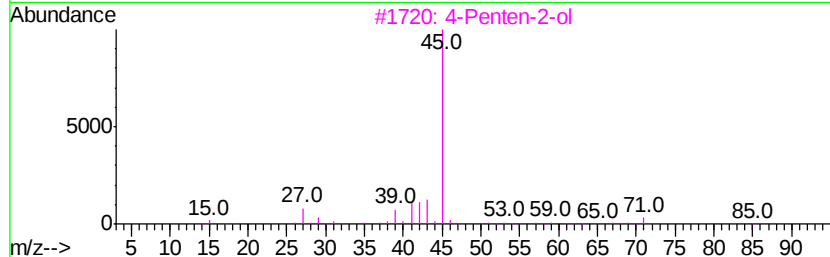
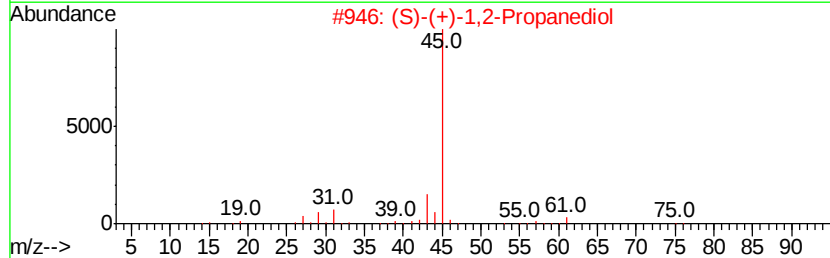
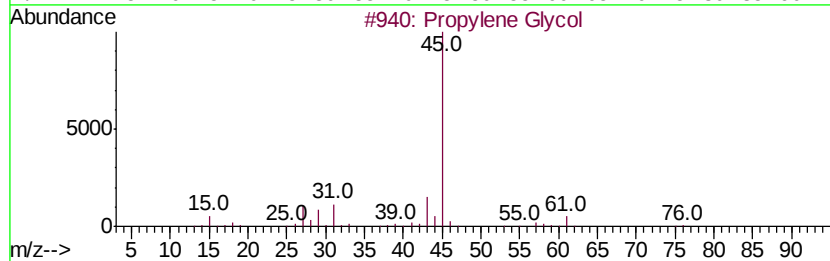
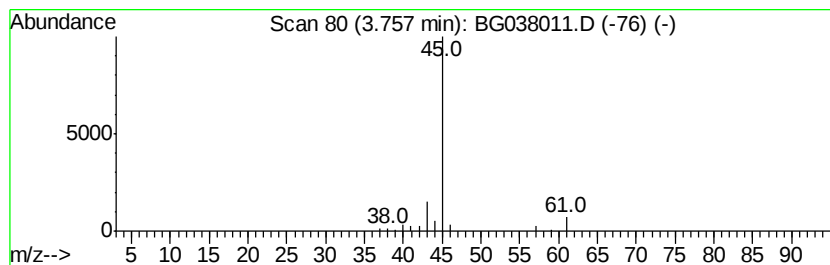
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propylene Glycol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	3.52 ng	46763	1,4-Dichlorobenzene-d4	8.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	64
2			(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
3			4-Penten-2-ol	86	C5H10O	000625-31-0	9
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5			Formamide	45	CH3NO	000075-12-7	7



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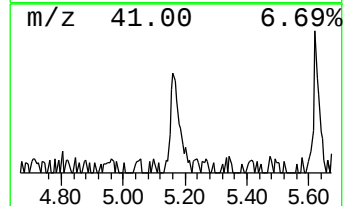
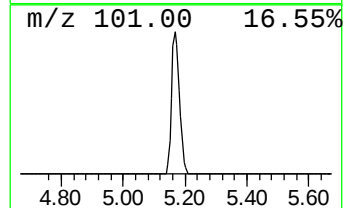
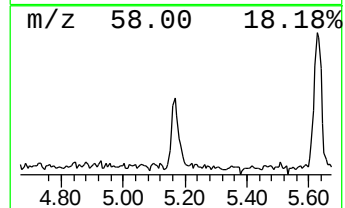
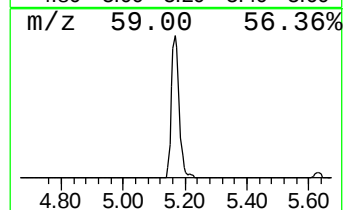
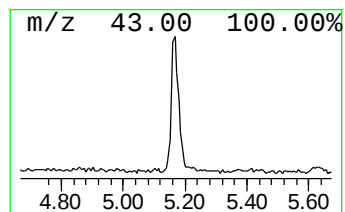
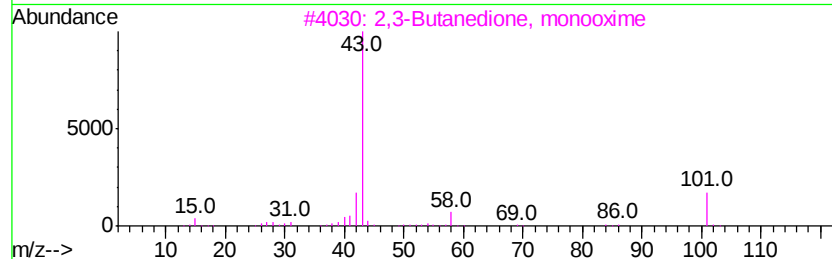
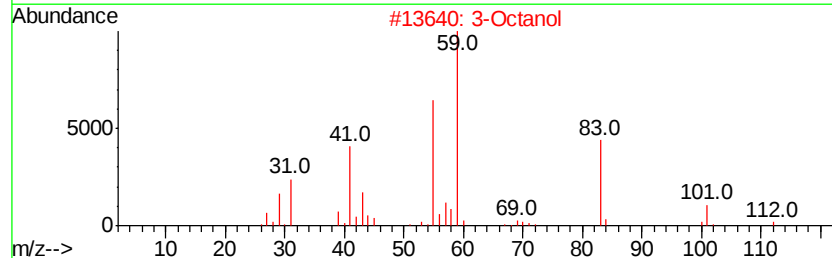
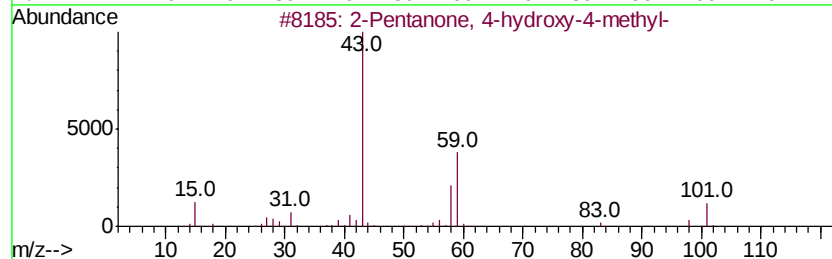
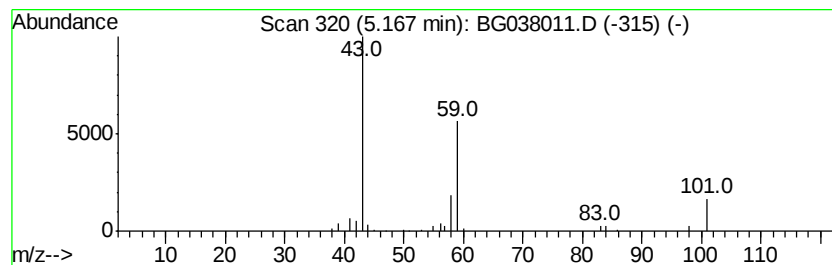
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	5.66 ng	75197	1,4-Dichlorobenzene-d4	8.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Octanol	130	C8H18O	000589-98-0	33
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25



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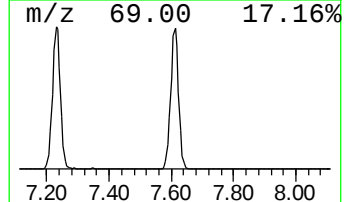
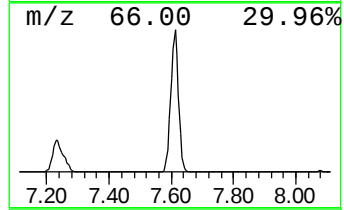
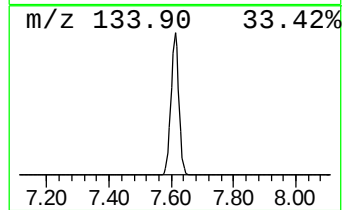
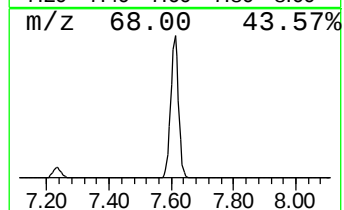
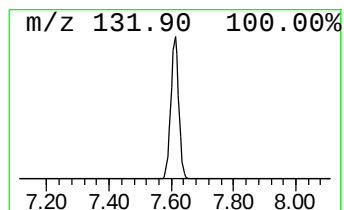
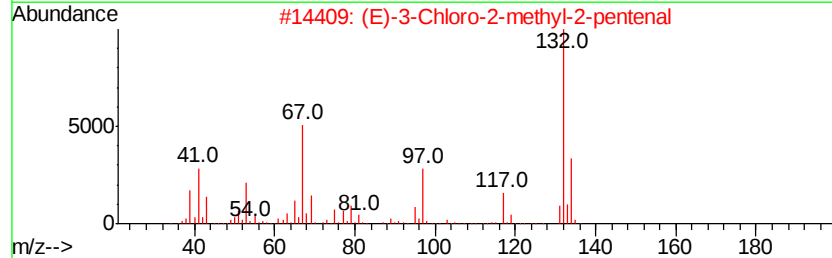
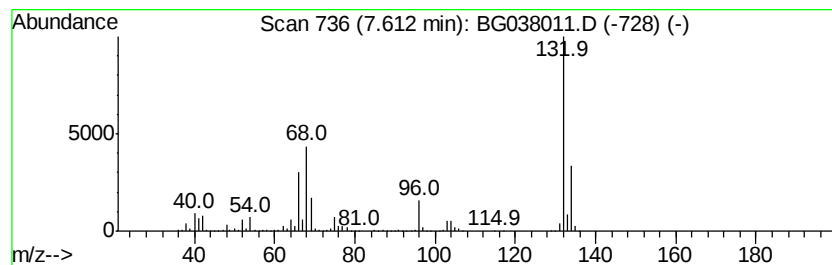
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	128.24 ng	1704520	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	10
5		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9



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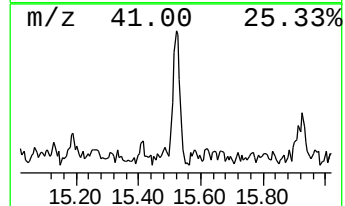
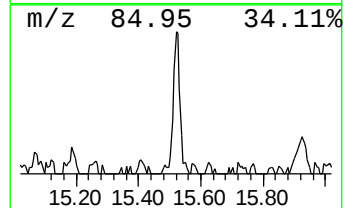
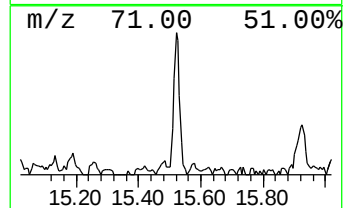
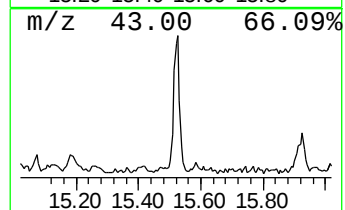
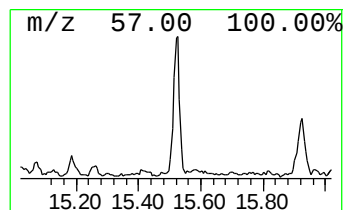
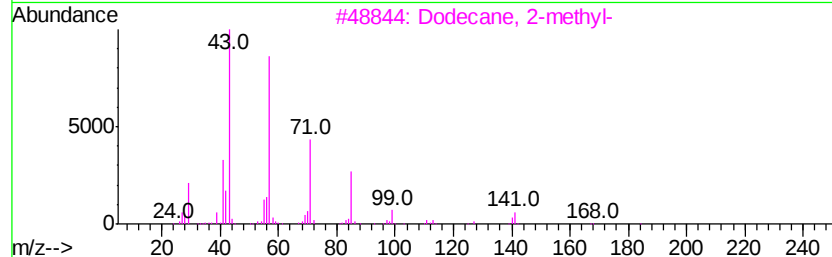
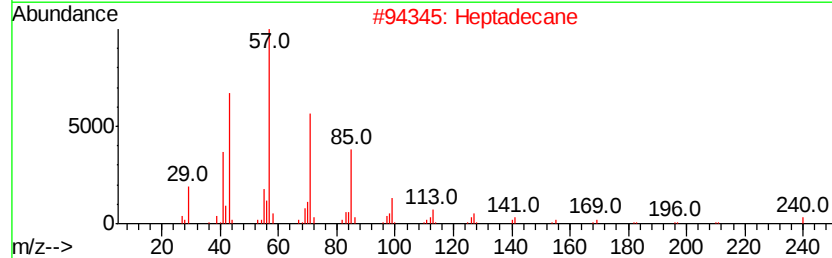
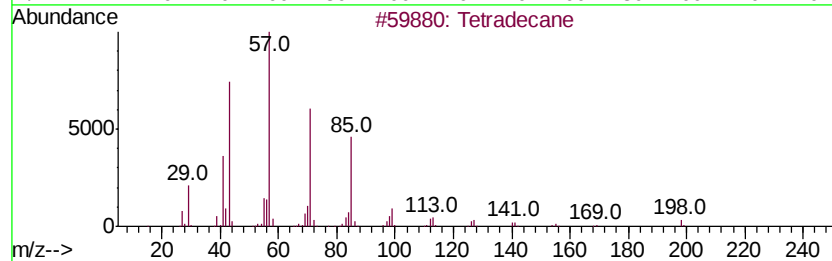
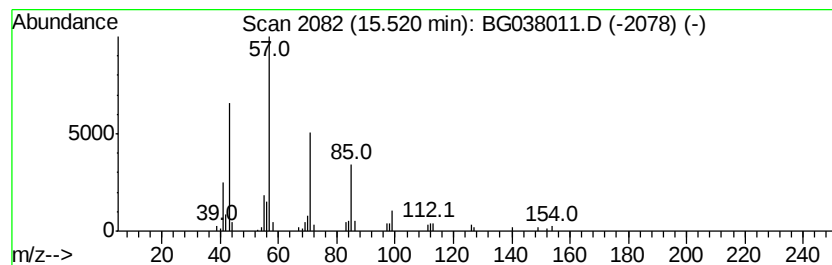
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.26 ng	67809	Acenaphthene-d10	14.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	80
2		Heptadecane	240	C17H36	000629-78-7	78
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		Decane, 5-propyl-	184	C13H28	017312-62-8	64



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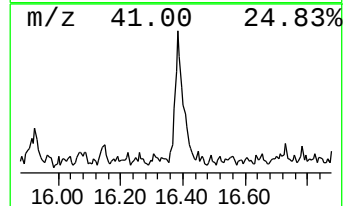
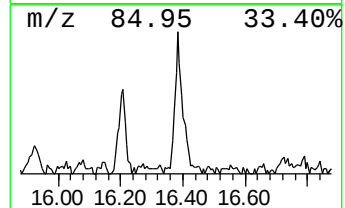
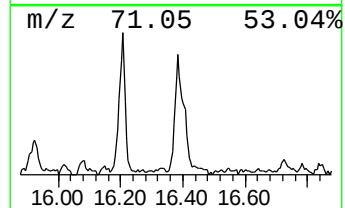
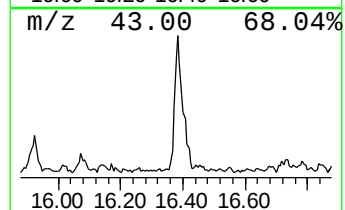
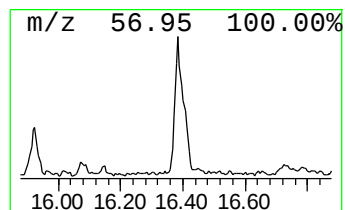
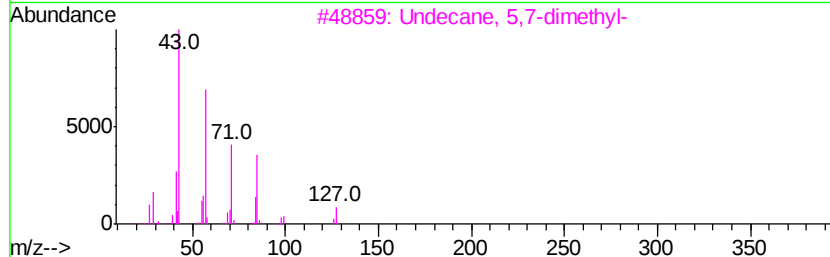
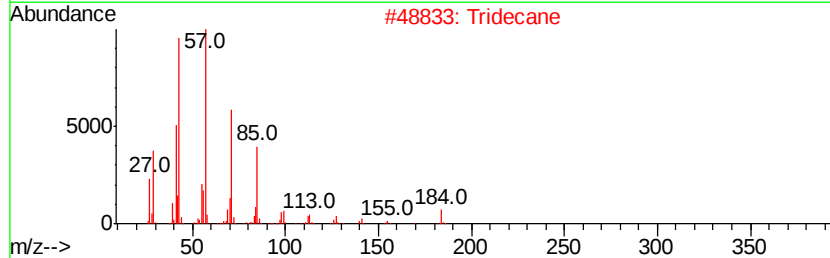
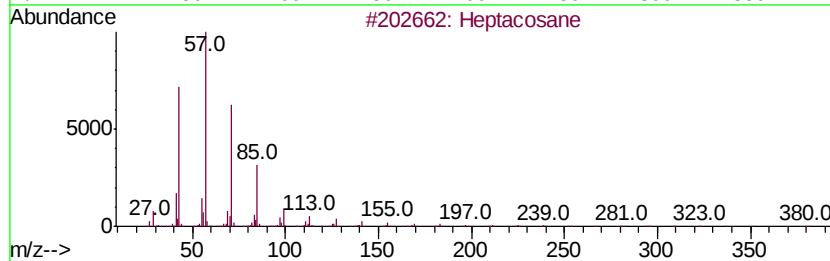
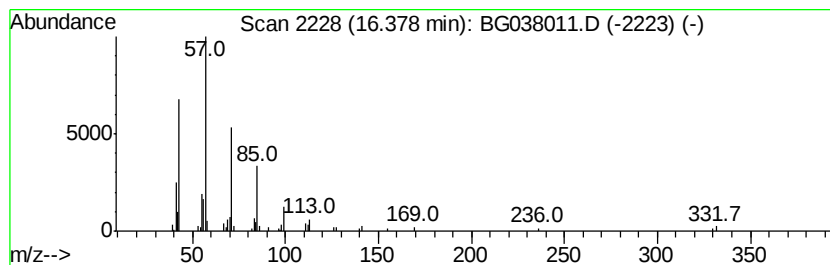
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	2.87 ng	111608	Phenanthrene-d10	17.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	86
2	Tridecane		184	C13H28	000629-50-5	78
3	Undecane, 5,7-dimethyl-		184	C13H28	017312-83-3	72
4	Tridecane, 2,5-dimethyl-		212	C15H32	056292-66-1	64
5	Hexadecane		226	C16H34	000544-76-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
Data File : BG038011.D
Acq On : 15 Nov 2018 00:13
Operator : JU/SJ
Sample : J5889-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

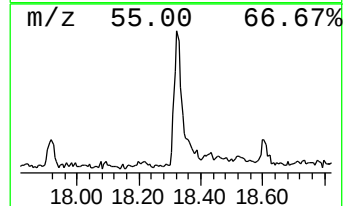
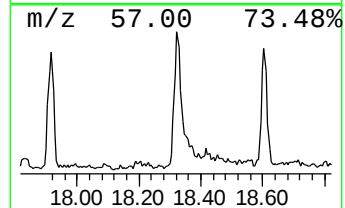
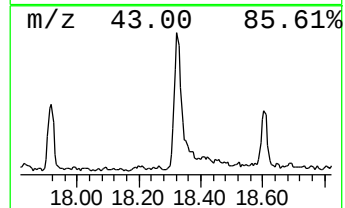
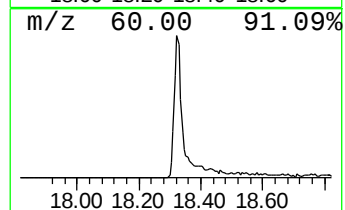
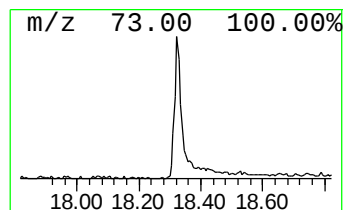
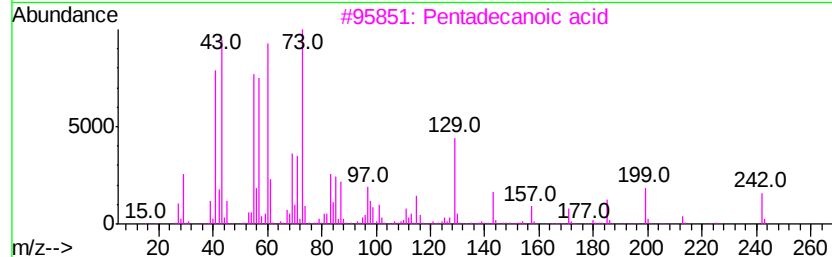
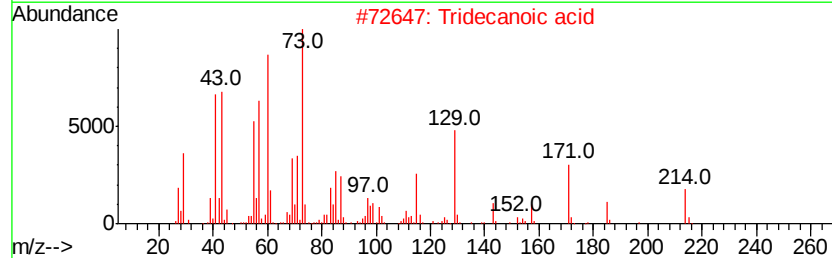
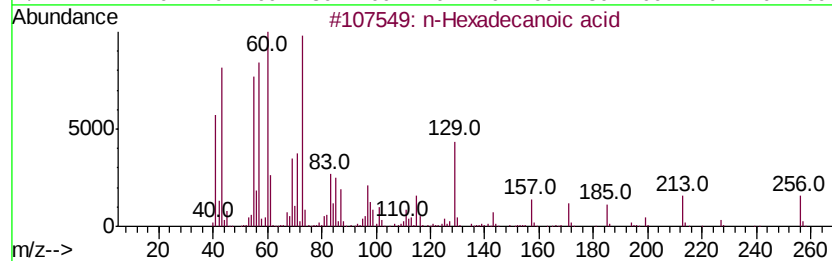
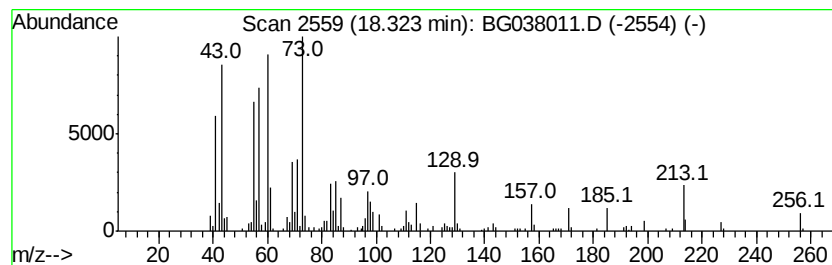
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	8.50 ng	329852	Phenanthrene-d10	17.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Nonanoic acid	158	C9H18O2	000112-05-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
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Sample : J5889-12
Misc :
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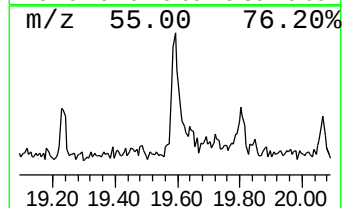
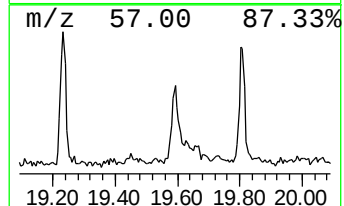
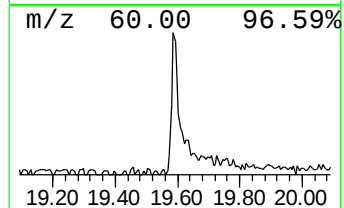
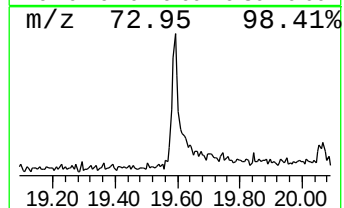
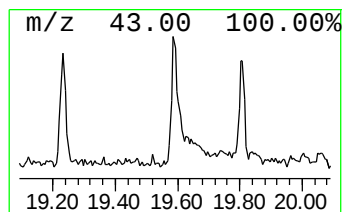
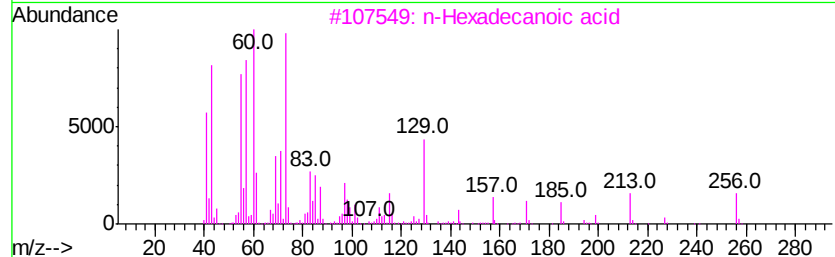
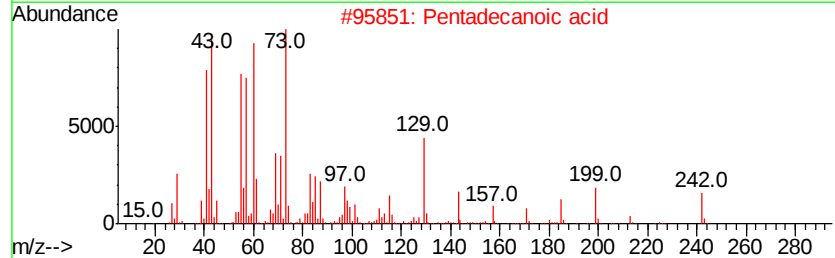
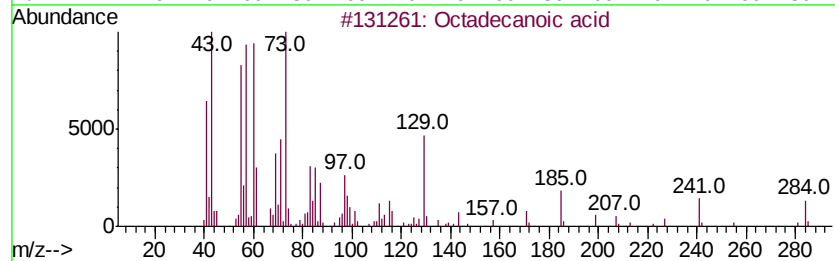
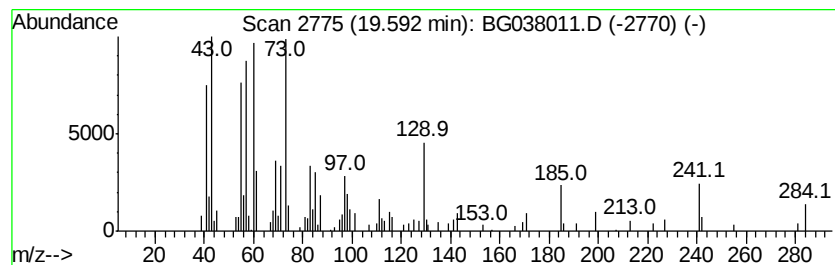
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.59	3.79 ng	147189	Phenanthrene-d10		17.46
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	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
Data File : BG038011.D
Acq On : 15 Nov 2018 00:13
Operator : JU/SJ
Sample : J5889-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

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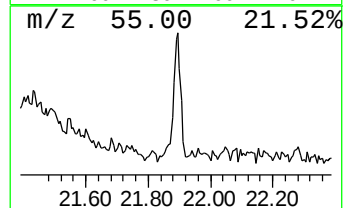
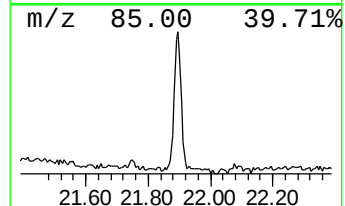
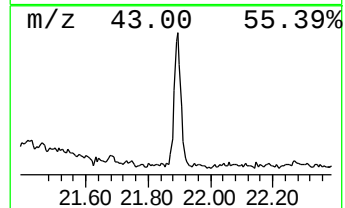
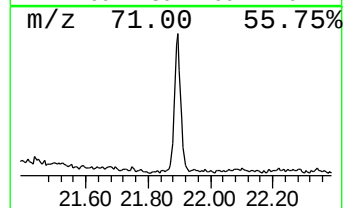
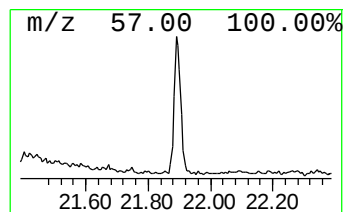
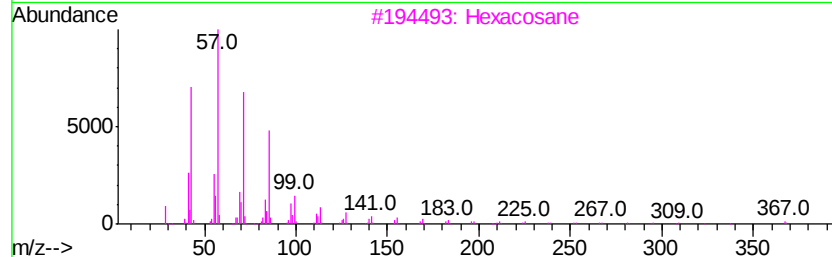
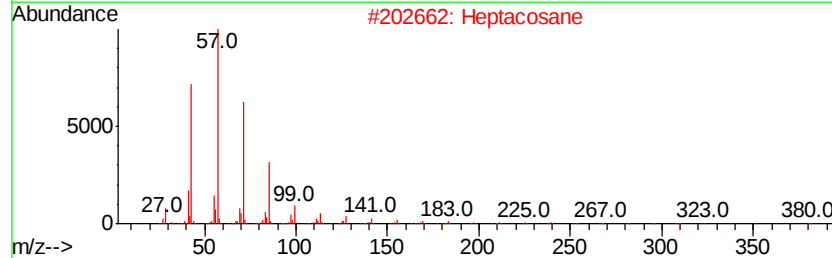
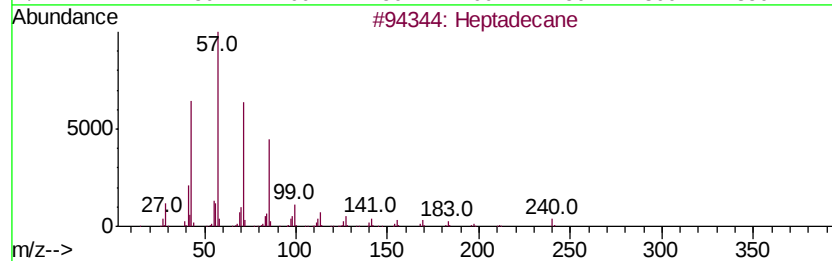
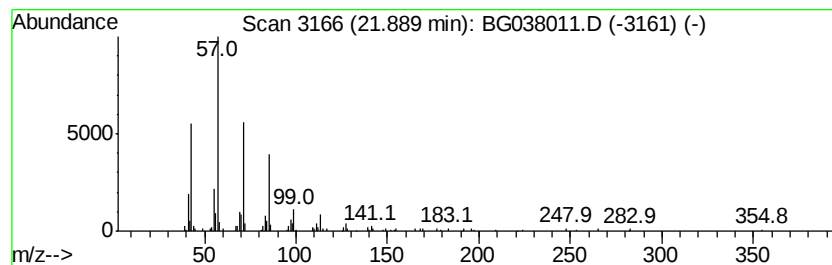
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	3.17 ng	127351	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
Data File : BG038011.D
Acq On : 15 Nov 2018 00:13
Operator : JU/SJ
Sample : J5889-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

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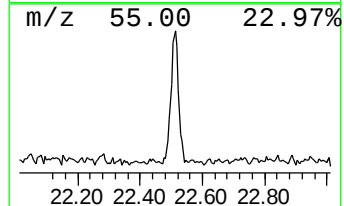
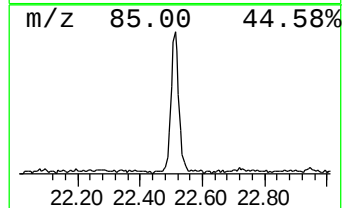
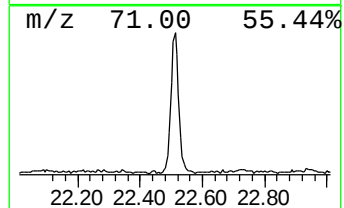
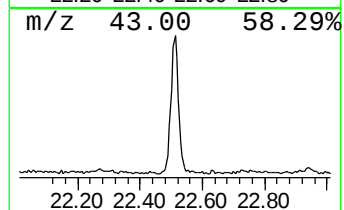
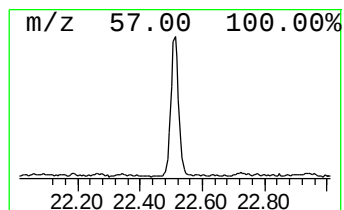
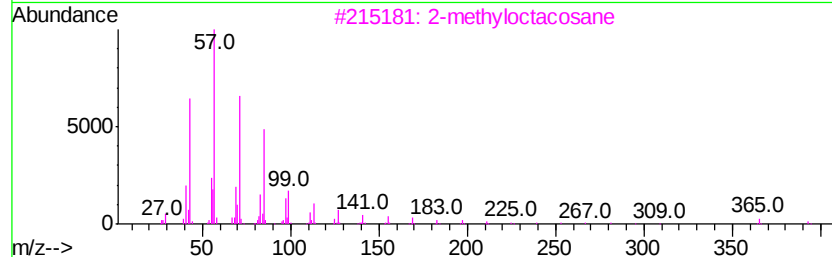
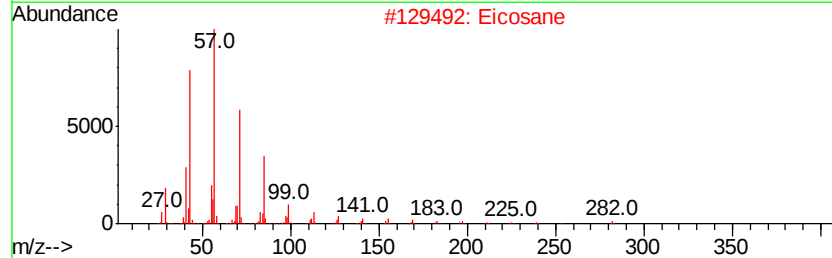
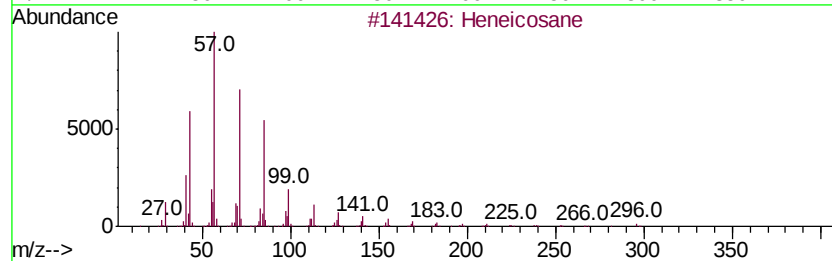
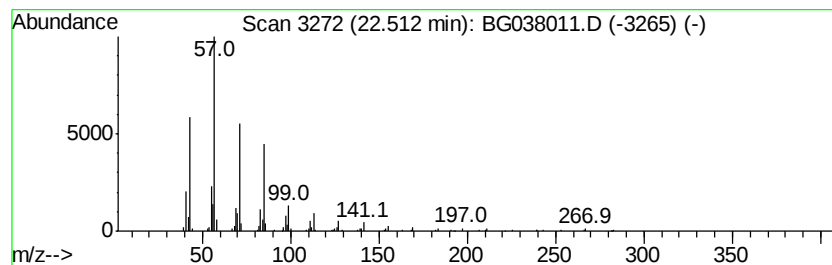
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	5.90 ng	237011	Chrysene-d12	21.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Eicosane	282	C20H42	000112-95-8	87
3			2-methyloctacosane	408	C29H60	1000376-72-8	87
4			Octadecane	254	C18H38	000593-45-3	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
Data File : BG038011.D
Acq On : 15 Nov 2018 00:13
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Sample : J5889-12
Misc :
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Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

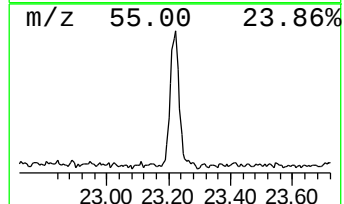
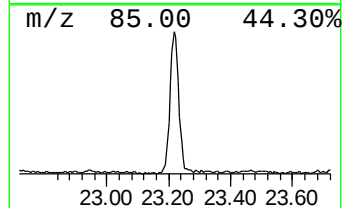
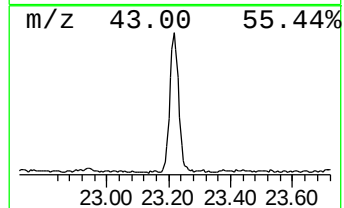
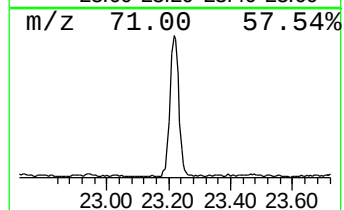
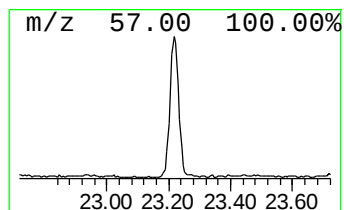
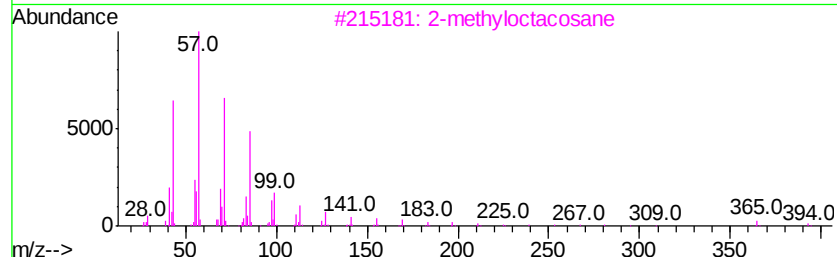
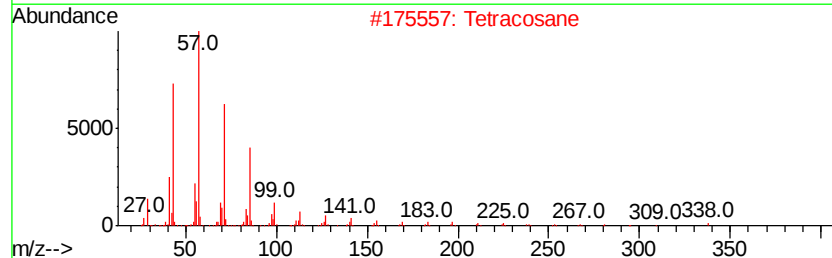
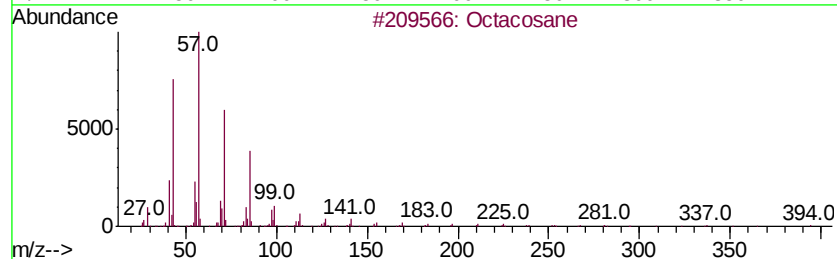
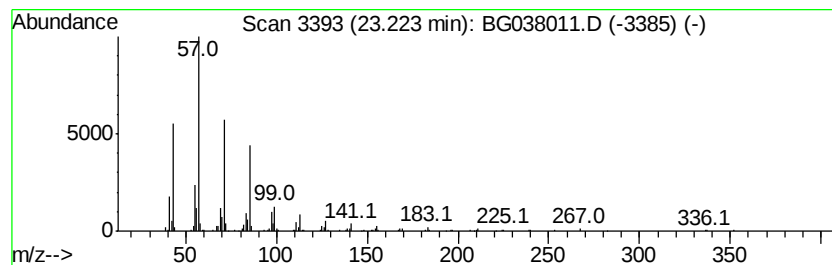
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	10.08 ng	405074	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
Data File : BG038011.D
Acq On : 15 Nov 2018 00:13
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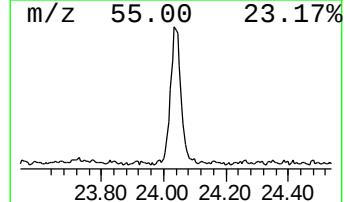
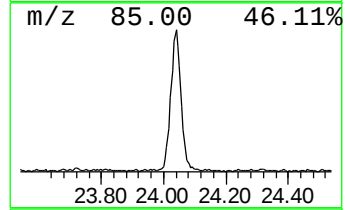
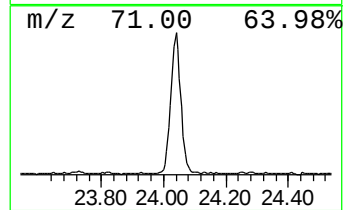
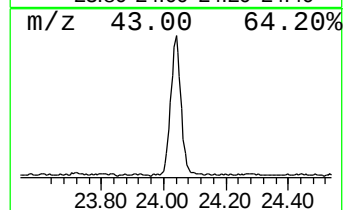
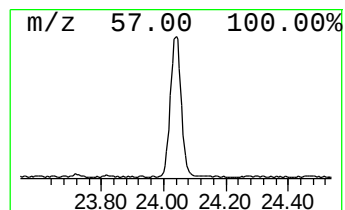
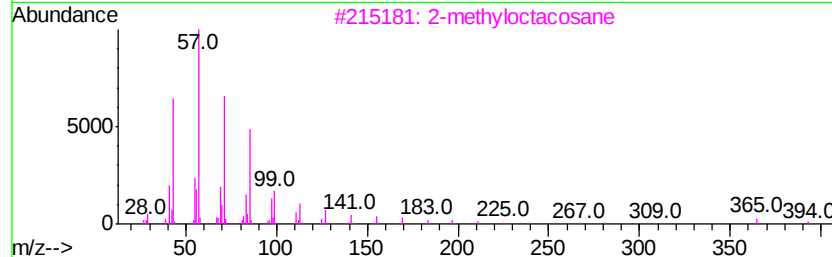
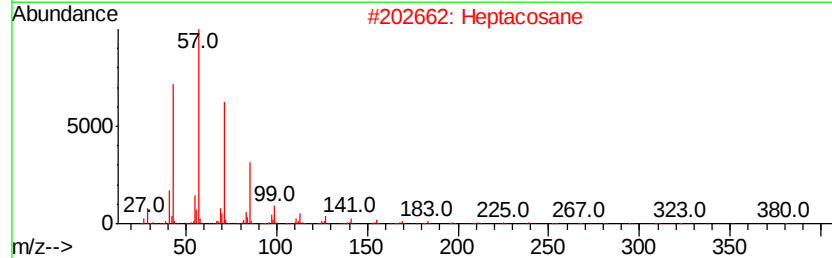
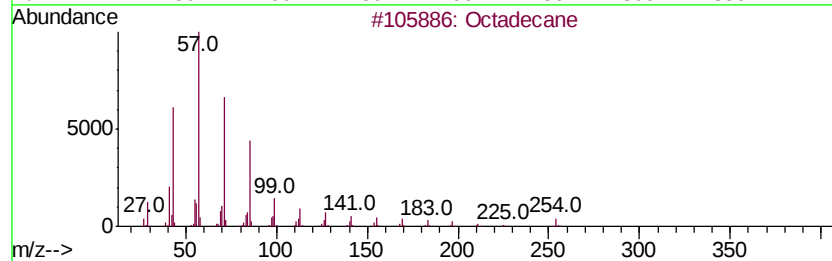
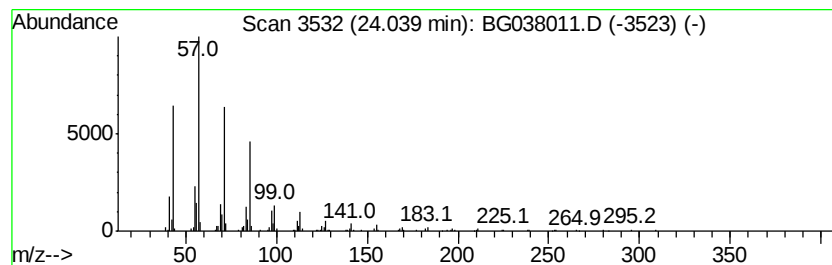
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	14.50 ng	503961	Perylene-d12	25.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
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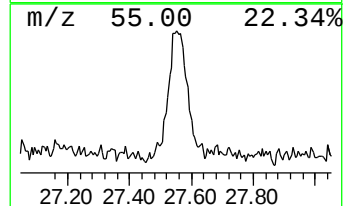
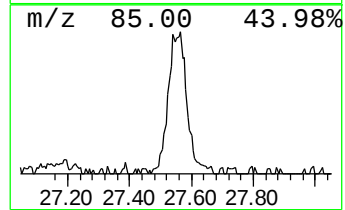
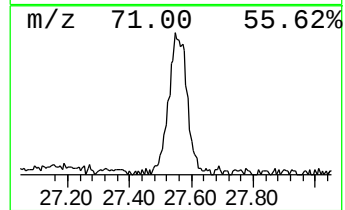
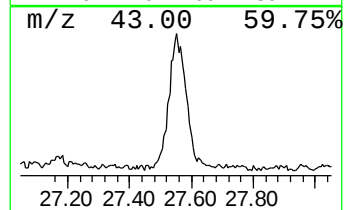
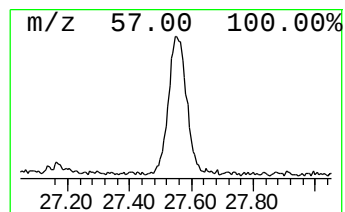
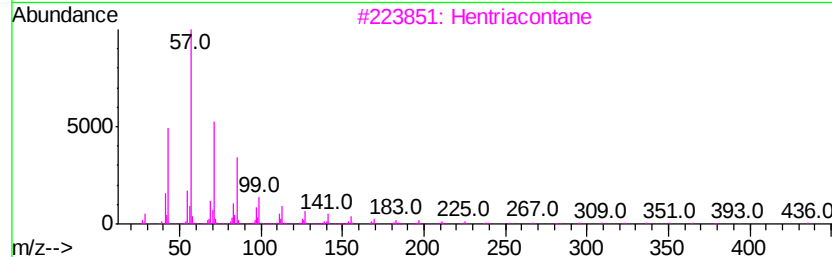
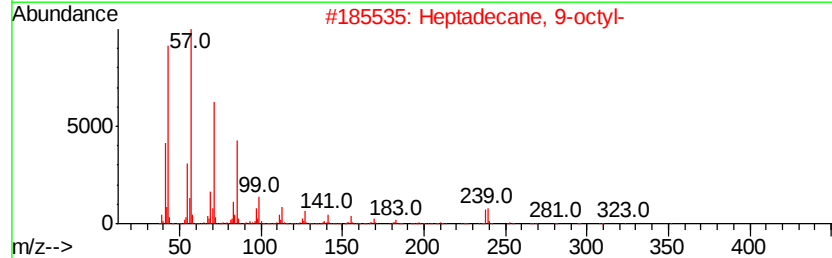
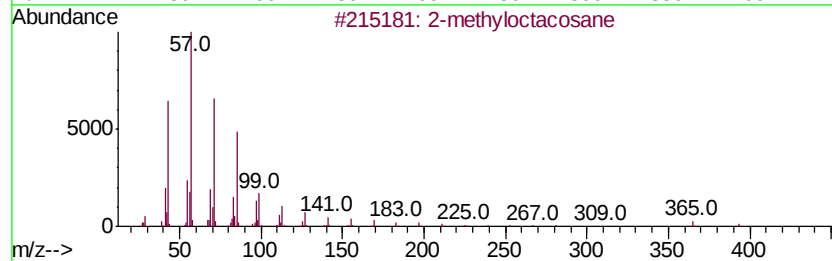
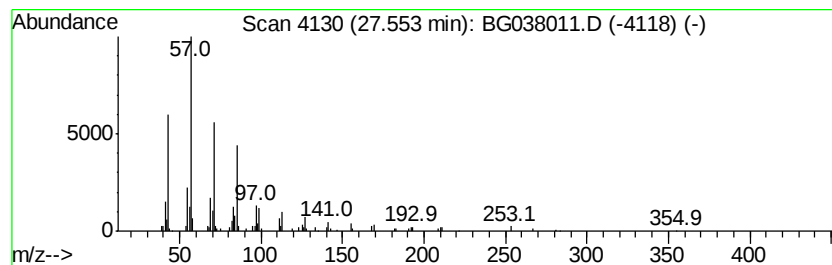
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.55	6.41 ng	222925	Perylene-d12	25.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Pentacosane	352	C25H52	000629-99-2	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
Data File : BG038011.D
Acq On : 15 Nov 2018 00:13
Operator : JU/SJ
Sample : J5889-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BOTTOM-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.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
Propylene Glycol	3.76	3.5	ng	46763	1	8.08	265828	20.0
2-Pentanone, 4-hy...	5.17	5.7	ng	75197	1	8.08	265828	20.0
unknown7.61	7.61	128.2	ng	1704520	1	8.08	265828	20.0
Tetradecane	15.52	2.3	ng	67809	3	14.72	601226	20.0
Heptacosane	16.38	2.9	ng	111608	4	17.46	776538	20.0
n-Hexadecanoic acid	18.32	8.5	ng	329852	4	17.46	776538	20.0
Octadecanoic acid	19.59	3.8	ng	147189	4	17.46	776538	20.0
Heptadecane	21.89	3.2	ng	127351	5	21.75	803399	20.0
Heneicosane	22.51	5.9	ng	237011	5	21.75	803399	20.0
Octacosane	23.22	10.1	ng	405074	5	21.75	803399	20.0
Octadecane	24.04	14.5	ng	503961	6	25.06	695360	20.0
2-methyloctacosane	27.55	6.4	ng	222925	6	25.06	695360	20.0