

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
 Data File : BG044174.D
 Acq On : 23 Jan 2020 19:34
 Operator : JU
 Sample : L1218-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

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-BG123019.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	5.505	403	411	428	rBV	823938	1333258	22.38%	4.406%
2	7.098	673	682	704	rBV	649455	1258843	21.13%	4.160%
3	7.926	816	823	832	rBV	254884	449437	7.54%	1.485%
4	8.255	870	879	888	rBV	1081433	1907026	32.01%	6.302%
5	9.084	1011	1020	1030	rBV	905440	1660448	27.87%	5.487%
6	10.729	1293	1300	1314	rBV	380720	698877	11.73%	2.310%
7	13.191	1711	1719	1738	rBV	2551327	4246949	71.28%	14.035%
8	14.013	1853	1859	1866	rBV	137349	227811	3.82%	0.753%
9	14.565	1945	1953	1971	rBV	678922	1108736	18.61%	3.664%
10	16.052	2199	2206	2218	rBV	1407505	2302520	38.65%	7.609%
11	17.309	2413	2420	2430	rBV	797047	1240855	20.83%	4.101%
12	18.214	2568	2574	2581	rBV2	70561	132516	2.22%	0.438%
13	19.742	2826	2834	2845	rBV2	70666	153839	2.58%	0.508%
14	19.924	2859	2865	2877	rBV	4330886	5957810	100.00%	19.689%
15	21.228	3082	3087	3100	rBV	331225	738622	12.40%	2.441%
16	21.551	3135	3142	3157	rBV	771865	1296017	21.75%	4.283%
17	21.763	3173	3178	3186	rBV	194126	262724	4.41%	0.868%
18	22.356	3273	3279	3284	rBV	294459	476724	8.00%	1.575%
19	23.026	3386	3393	3405	rVB	365179	688503	11.56%	2.275%
20	23.214	3420	3425	3431	rVB	45726	84813	1.42%	0.280%
21	23.802	3517	3525	3536	rBV	357468	780335	13.10%	2.579%
22	24.659	3660	3671	3677	rBV	467150	1349645	22.65%	4.460%
23	24.718	3677	3681	3693	rVB2	316321	751476	12.61%	2.483%
24	25.811	3854	3867	3879	rBV2	216950	674451	11.32%	2.229%
25	27.115	4078	4089	4100	rBV2	99905	353769	5.94%	1.169%
26	28.690	4349	4357	4368	rVB6	34163	124208	2.08%	0.410%

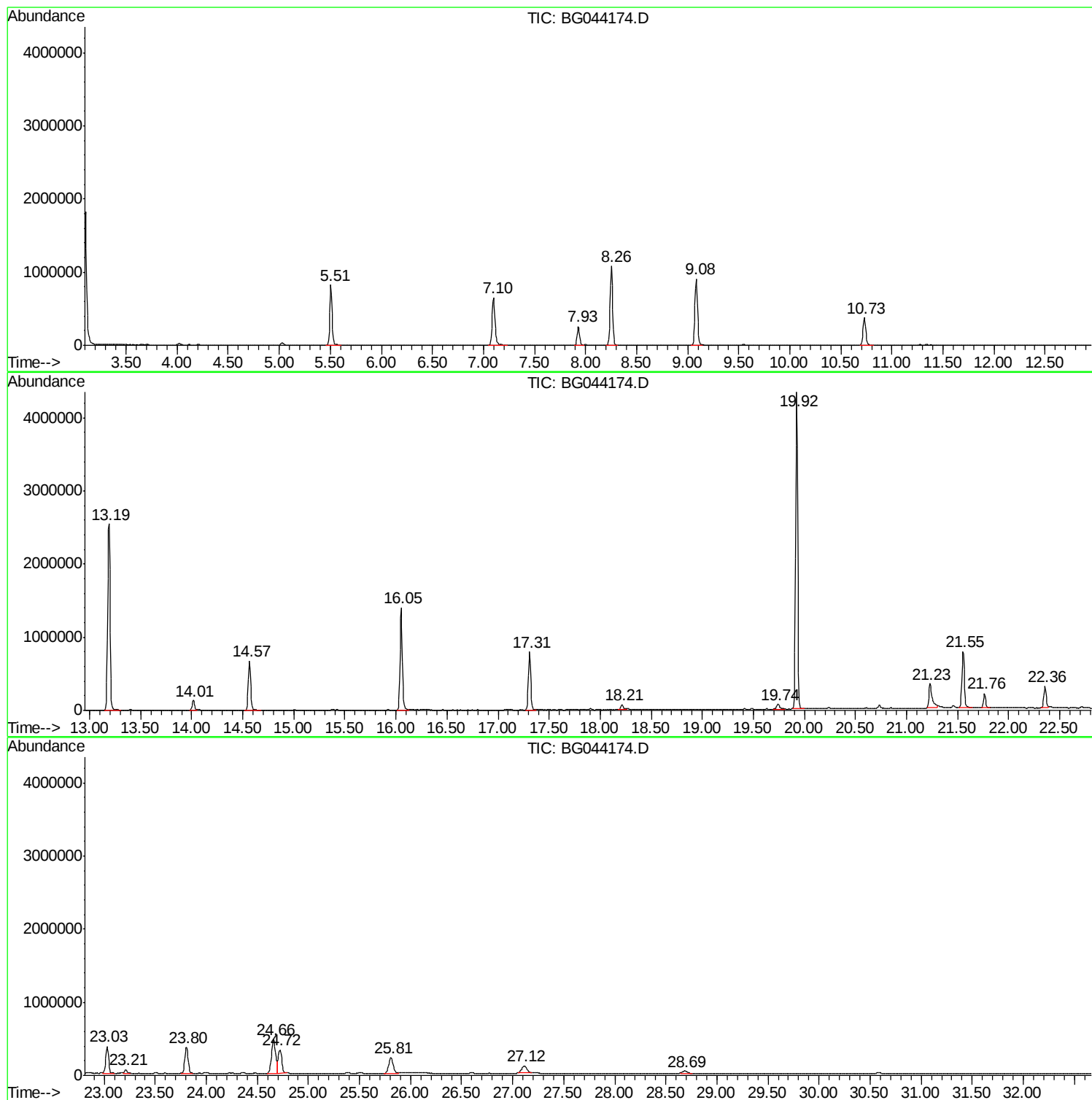
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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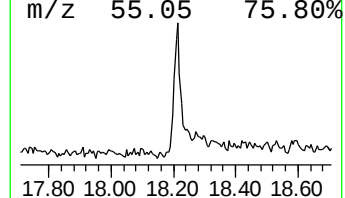
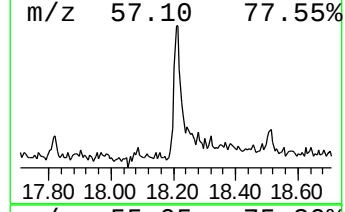
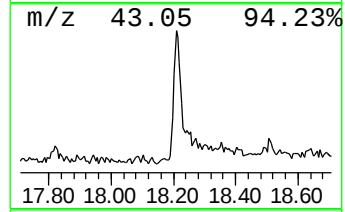
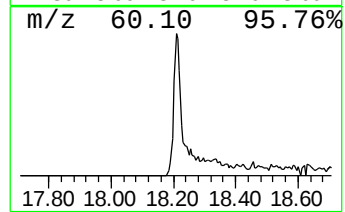
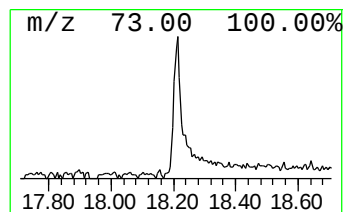
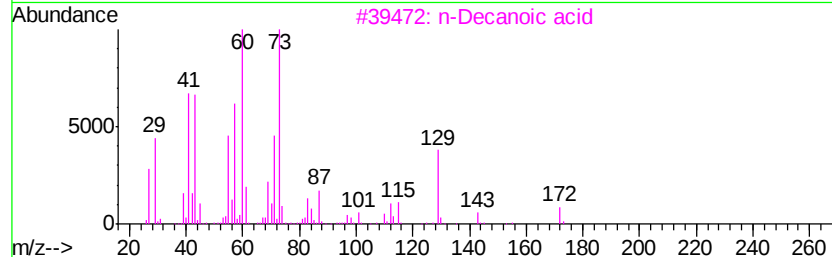
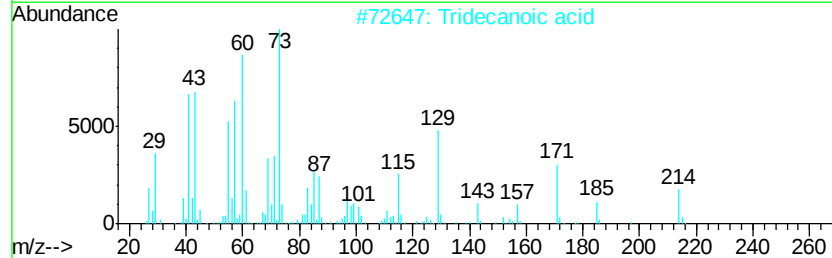
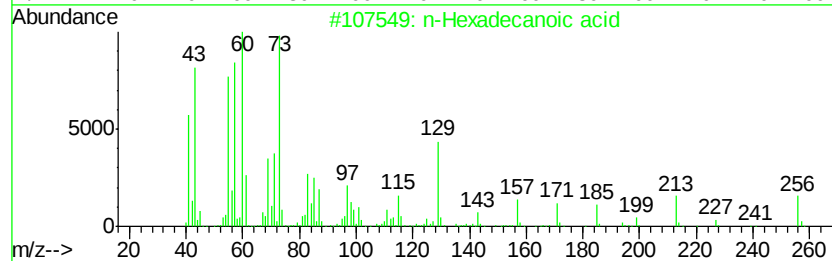
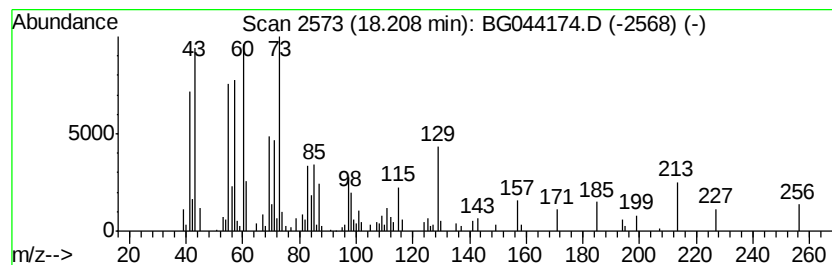
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	2.14 ng	132516	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		n-Decanoic acid	172	C10H20O2	000334-48-5	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64



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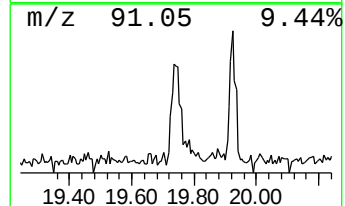
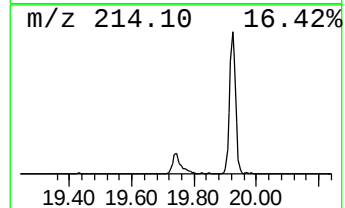
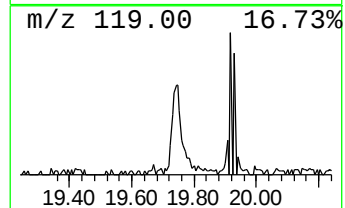
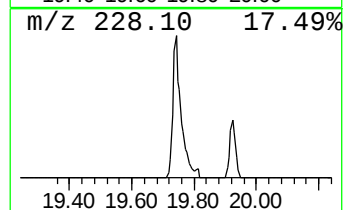
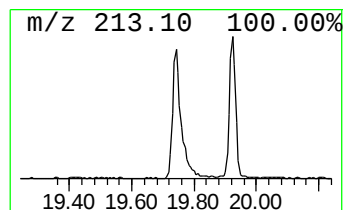
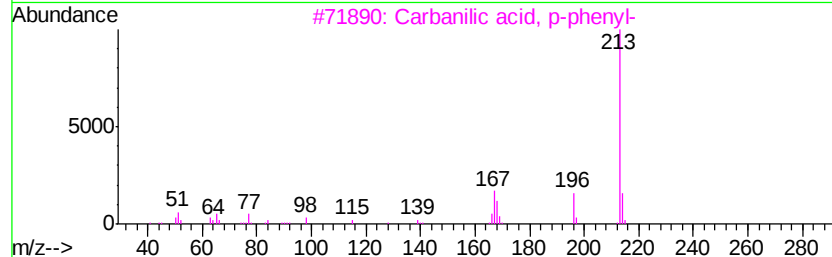
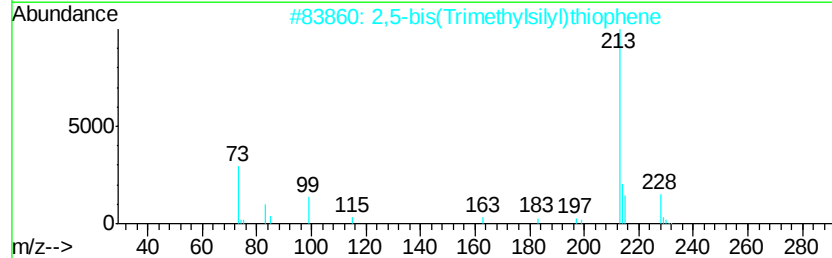
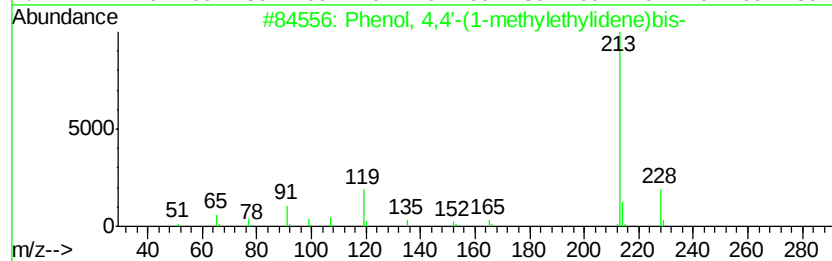
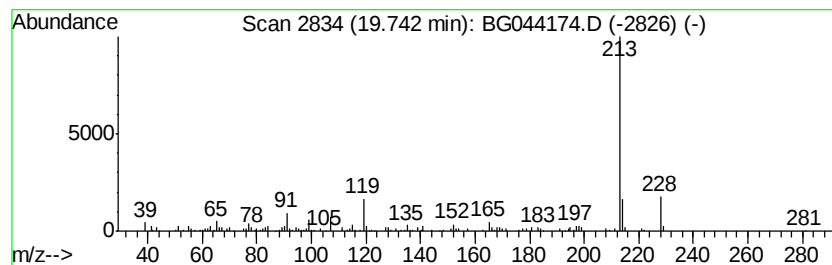
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Phenol, 4,4'-(1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.37 ng	153839	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2		2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	59
3		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	53
4		2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	45
5		2-Bromo-7-(methylamino)tropone	213	C8H8BrNO	103539-25-9	45



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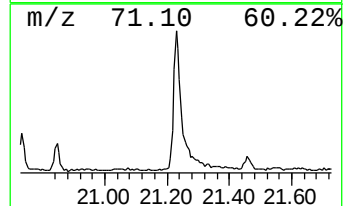
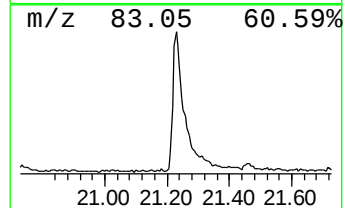
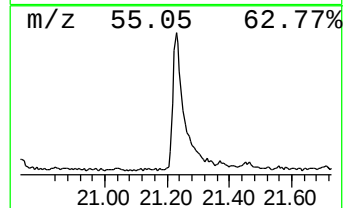
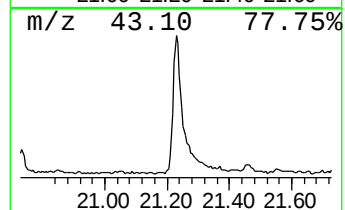
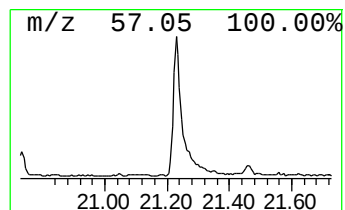
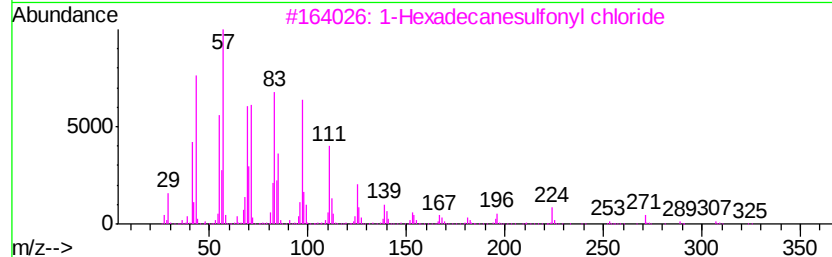
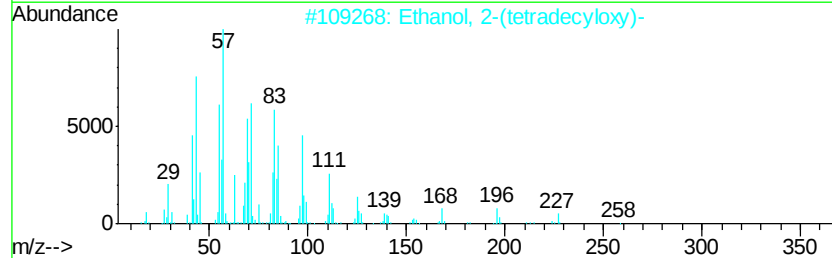
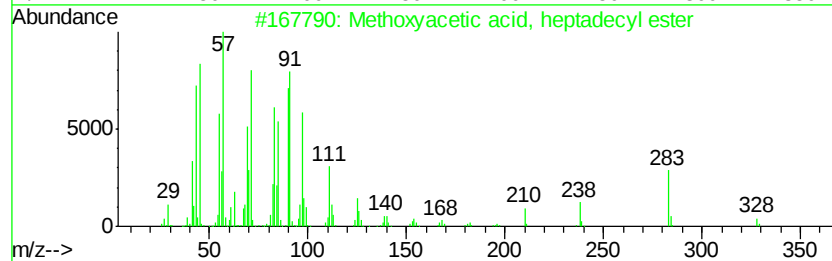
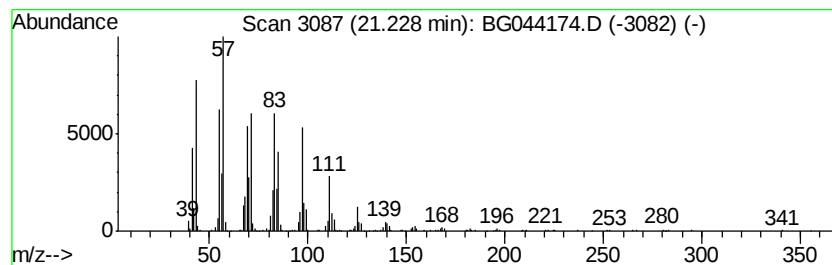
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Peak Number 4 Methoxyacetic acid, heptade... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	11.40 ng	738622	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	91
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
4		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87



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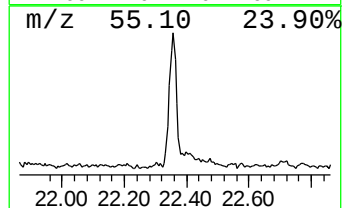
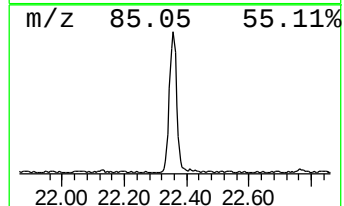
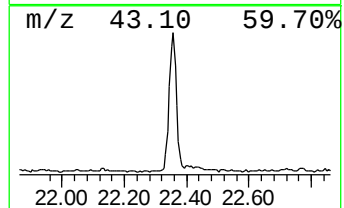
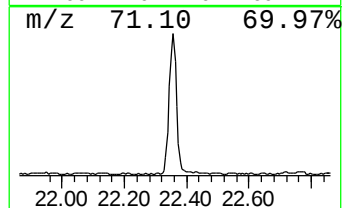
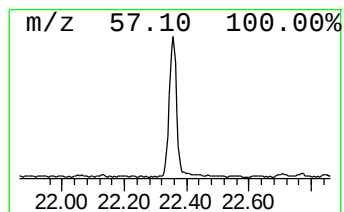
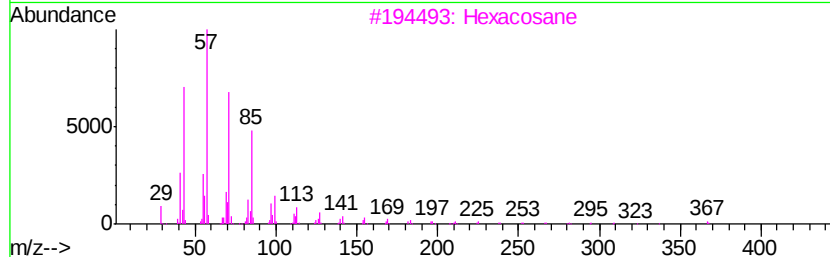
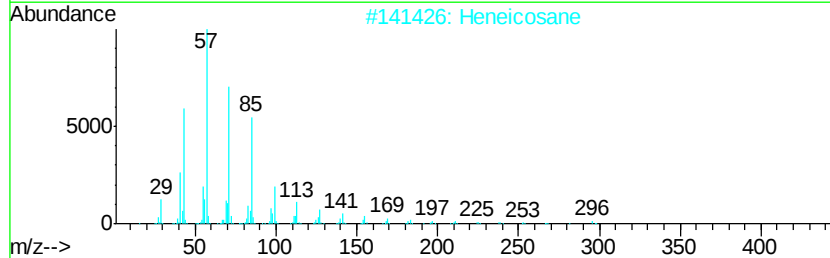
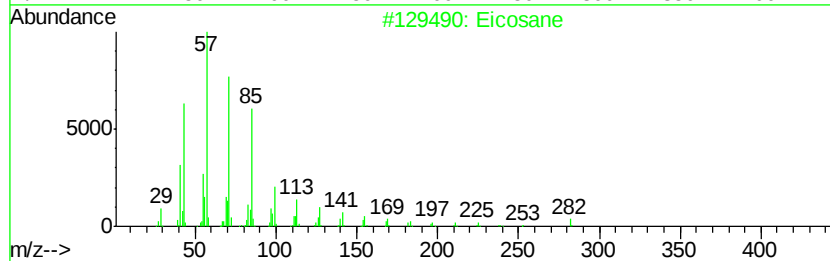
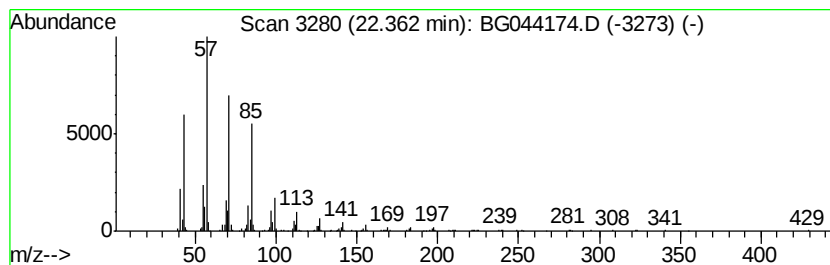
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Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	7.36 ng	476724	Chrysene-d12	21.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	98
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



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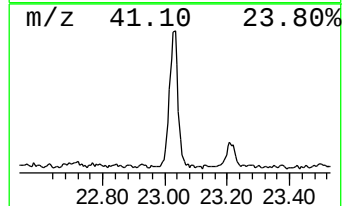
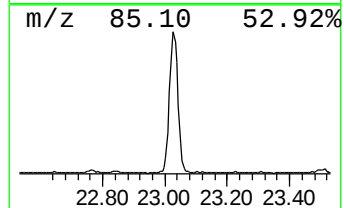
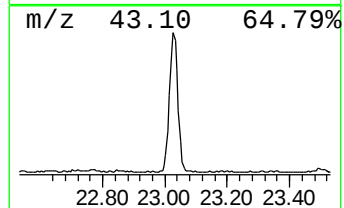
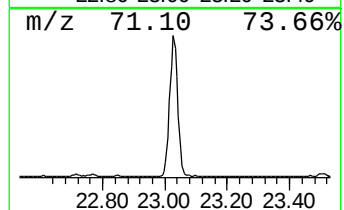
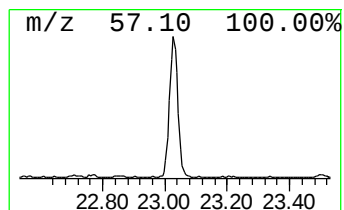
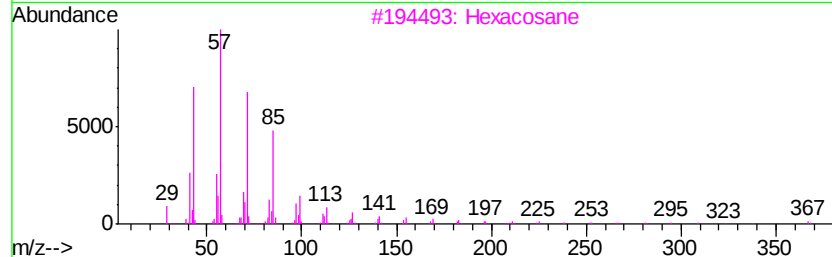
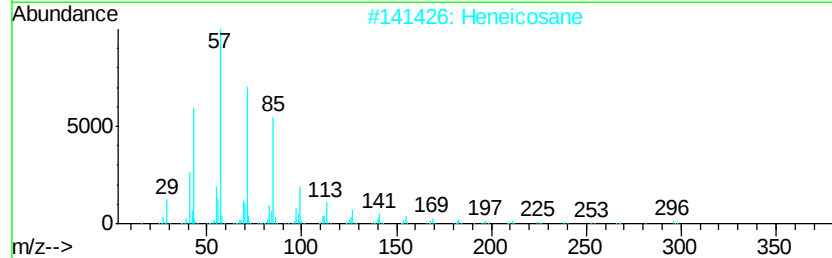
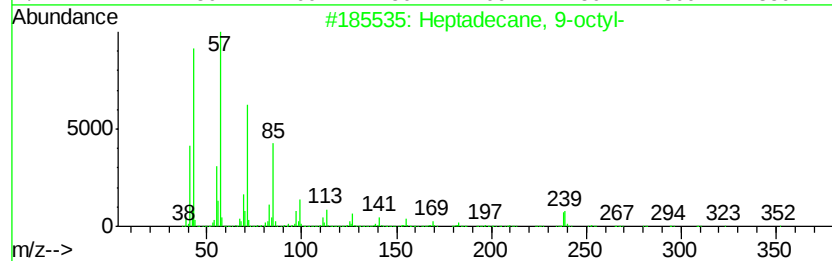
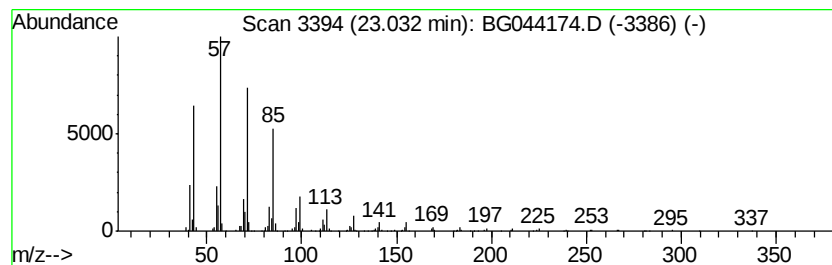
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Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	10.62 ng	688503	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



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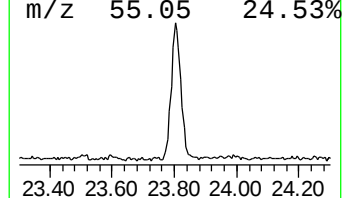
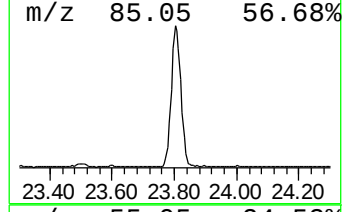
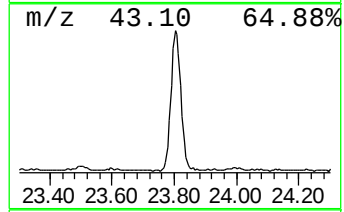
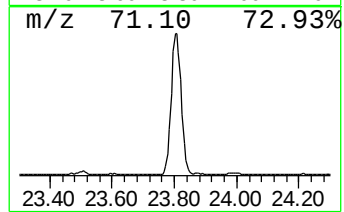
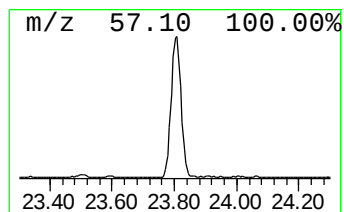
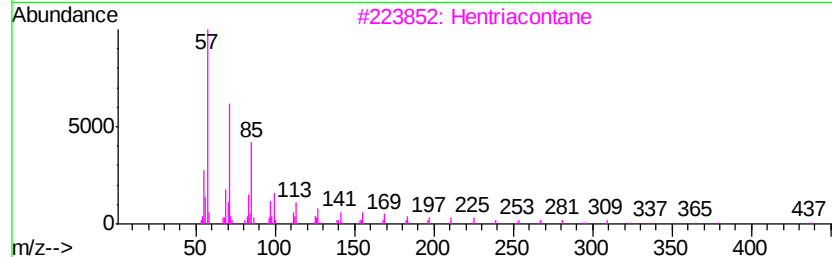
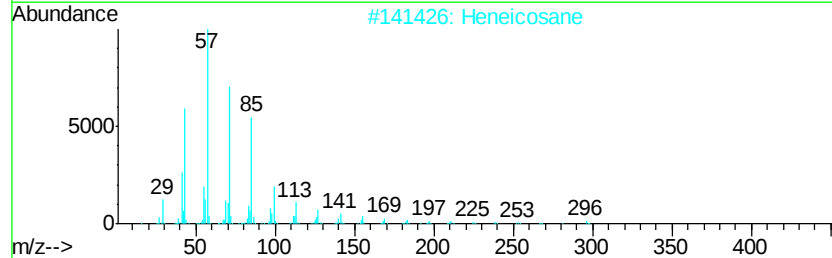
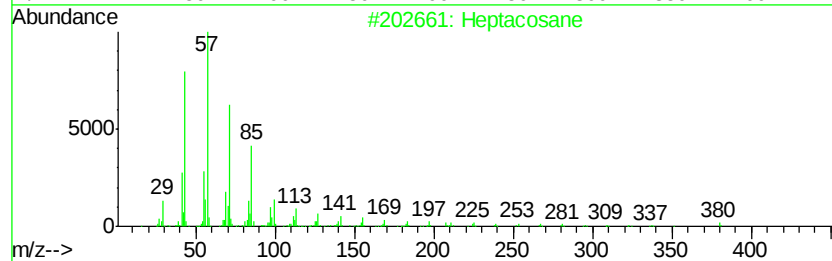
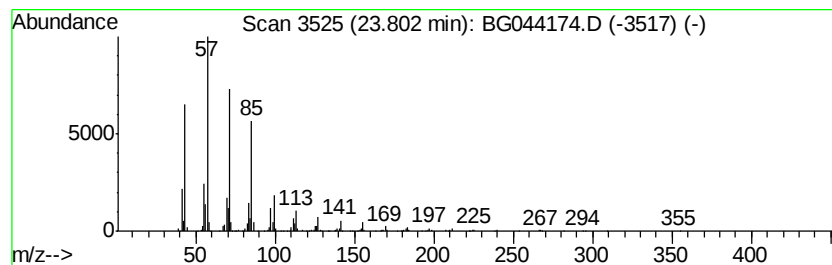
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
23.80	11.56 ng	780335	Perylene-d12		24.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044174.D
Acq On : 23 Jan 2020 19:34
Operator : JU
Sample : L1218-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-8

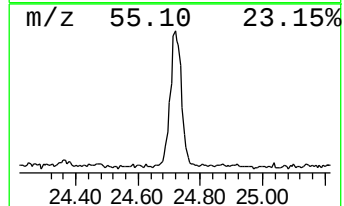
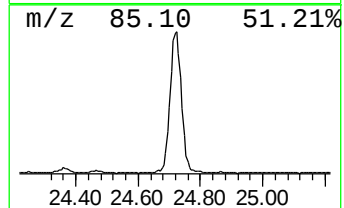
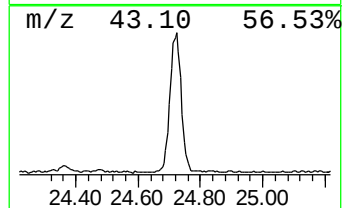
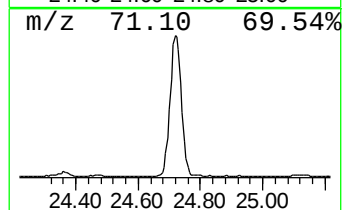
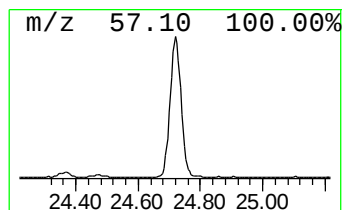
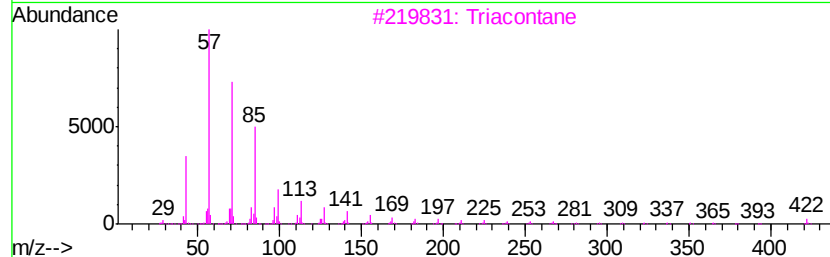
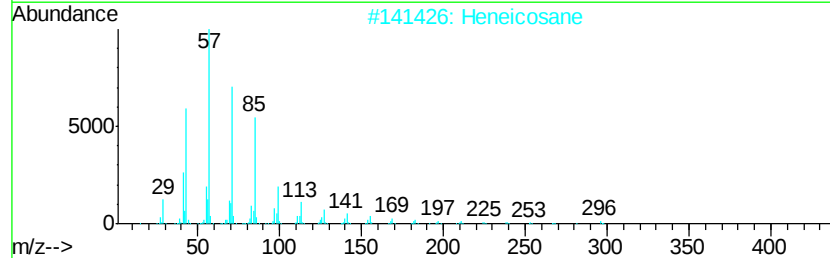
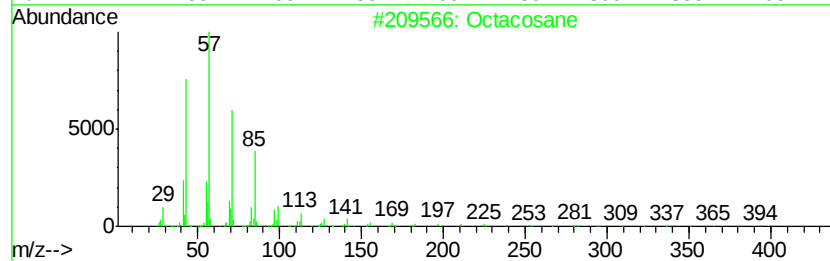
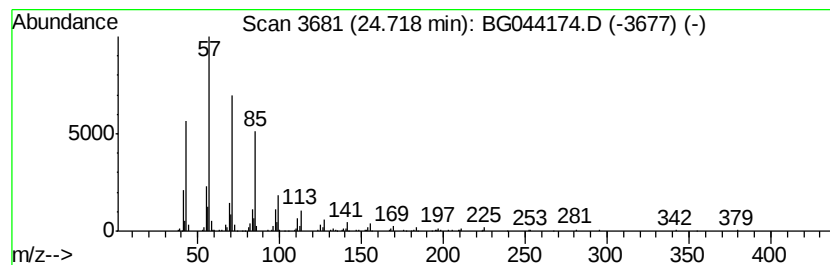
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	11.14 ng	751476	Perylene-d12	24.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
 Data File : BG044174.D
 Acq On : 23 Jan 2020 19:34
 Operator : JU
 Sample : L1218-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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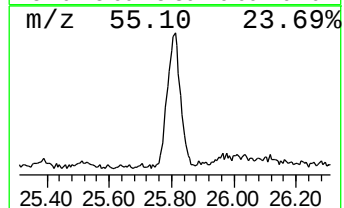
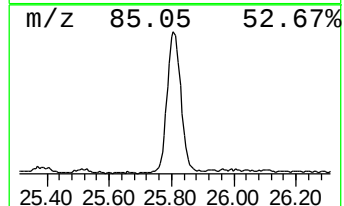
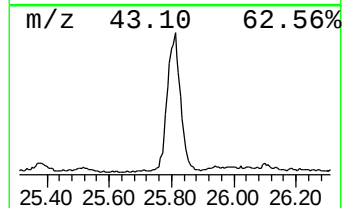
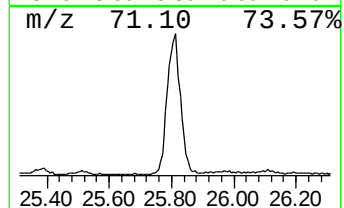
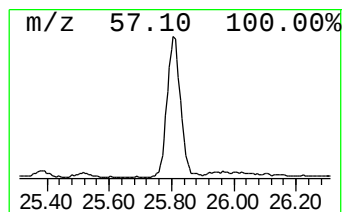
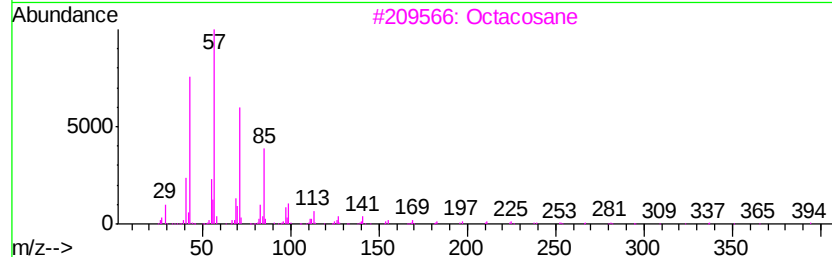
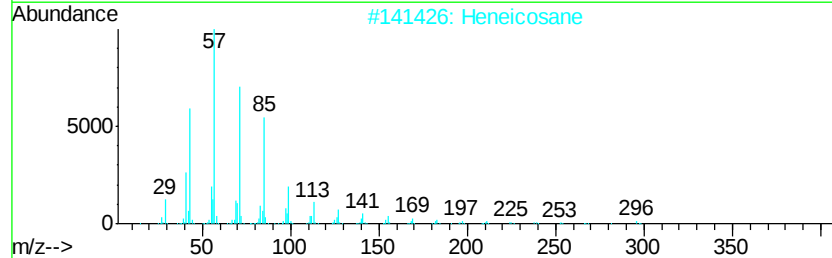
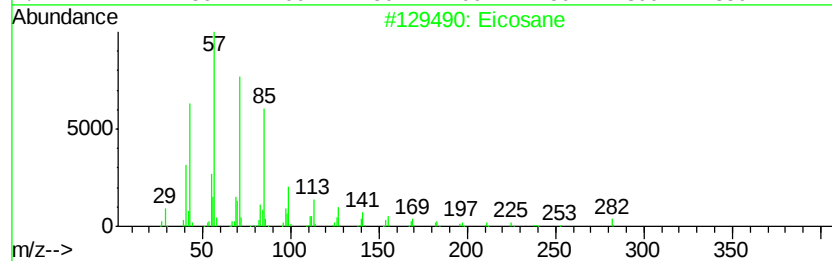
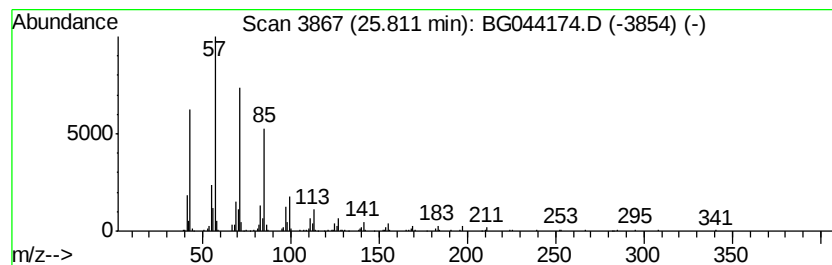
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	9.99 ng	674451	Perylene-d12	24.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
 Data File : BG044174.D
 Acq On : 23 Jan 2020 19:34
 Operator : JU
 Sample : L1218-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

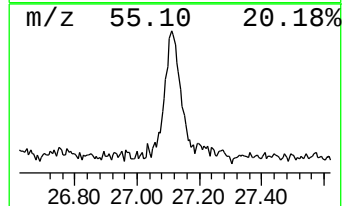
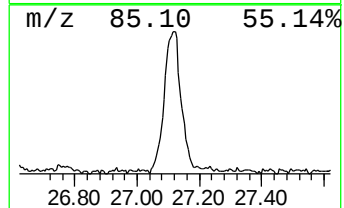
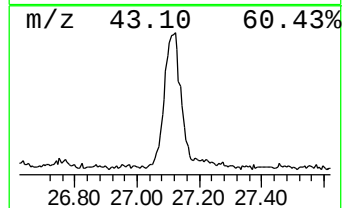
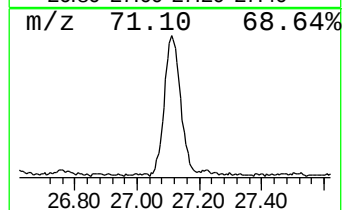
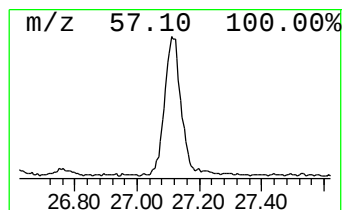
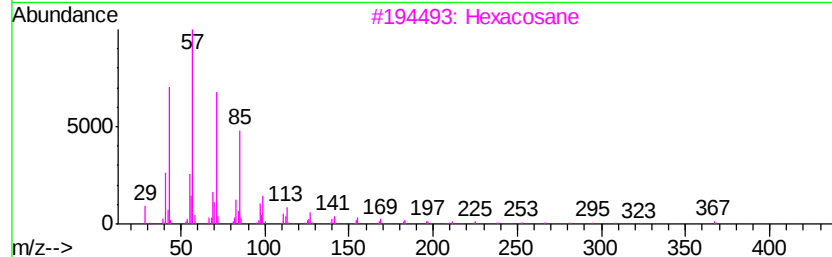
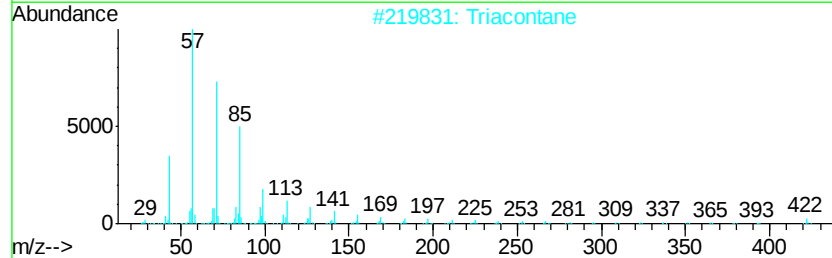
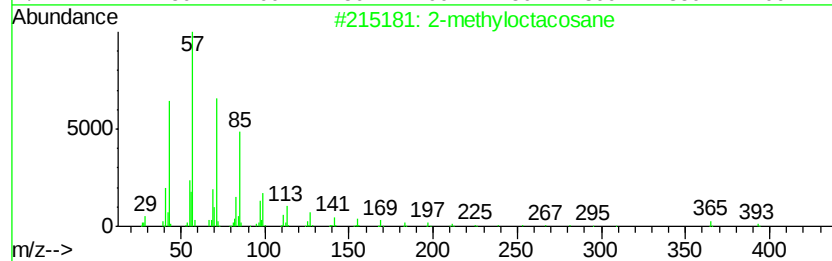
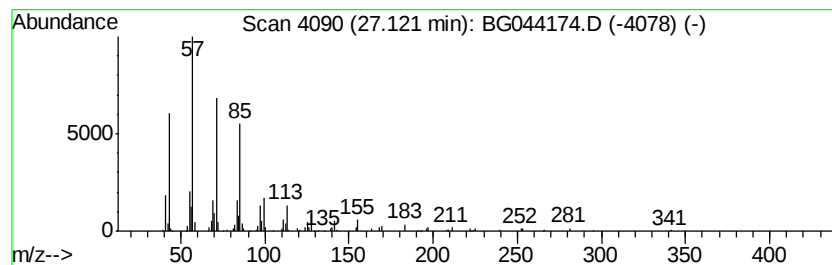
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.12	5.24 ng	353769	Perylene-d12	24.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	91
2		triacontane	422	C30H62	000638-68-6	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012320\
Data File : BG044174.D
Acq On : 23 Jan 2020 19:34
Operator : JU
Sample : L1218-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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
n-Hexadecanoic acid	18.21	2.1 ng		132516	4	17.31	1240860	20.0
Phenol, 4,4'-(1-m...	19.74	2.4 ng		153839	5	21.55	1296020	20.0
Methoxyacetic aci...	21.23	11.4 ng		738622	5	21.55	1296020	20.0
Eicosane	22.36	7.4 ng		476724	5	21.55	1296020	20.0
Heptadecane, 9-oc...	23.03	10.6 ng		688503	5	21.55	1296020	20.0
Heptacosane	23.80	11.6 ng		780335	6	24.66	1349650	20.0
Octacosane	24.72	11.1 ng		751476	6	24.66	1349650	20.0
2-methyloctacosane	25.81	10.0 ng		674451	6	24.66	1349650	20.0
Hexacosane	27.12	5.2 ng		353769	6	24.66	1349650	20.0