

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040047.D
 Acq On : 20 Mar 2019 22:25
 Operator : JU/SJ
 Sample : K1943-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190133-LOC-10

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-BG030419.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	3.194	14	18	24	rBV3	71968	121865	3.47%	0.576%
2	3.265	26	30	41	rVB	148871	224593	6.40%	1.062%
3	5.691	435	443	456	rVB	912958	1494813	42.58%	7.067%
4	7.294	707	716	729	rBV	984322	1858331	52.94%	8.785%
5	7.670	772	780	797	rBV	956528	1626560	46.33%	7.690%
6	8.140	853	860	871	rBV	163757	277272	7.90%	1.311%
7	8.463	906	915	924	rBV	656957	1139570	32.46%	5.387%
8	9.321	1051	1061	1071	rBV	581023	1052472	29.98%	4.976%
9	10.960	1332	1340	1349	rVB	228336	407764	11.62%	1.928%
10	13.392	1746	1754	1762	rBV	1587329	2414876	68.79%	11.416%
11	14.209	1887	1893	1901	rBV	123001	172811	4.92%	0.817%
12	14.767	1982	1988	1996	rBV2	378518	604223	17.21%	2.856%
13	16.253	2234	2241	2249	rBV	1344891	2047429	58.32%	9.679%
14	17.510	2448	2455	2464	rBV	505011	781280	22.26%	3.694%
15	18.362	2595	2600	2606	rBV3	24128	36224	1.03%	0.171%
16	20.106	2890	2897	2903	rBV	2670861	3510462	100.00%	16.596%
17	21.387	3111	3115	3123	rBV7	20516	45664	1.30%	0.216%
18	21.640	3146	3158	3164	rVB	538612	868746	24.75%	4.107%
19	21.798	3177	3185	3191	rBV	482915	821642	23.41%	3.884%
20	21.933	3203	3208	3215	rBV4	44615	98160	2.80%	0.464%
21	22.562	3309	3315	3320	rBV	57705	93633	2.67%	0.443%
22	22.961	3379	3383	3393	rVB5	59860	133053	3.79%	0.629%
23	23.273	3429	3436	3443	rBV2	76146	148137	4.22%	0.700%
24	24.101	3570	3577	3585	rBV2	60915	138124	3.93%	0.653%
25	24.518	3643	3648	3658	rVB2	17507	46044	1.31%	0.218%
26	25.082	3738	3744	3747	rBV3	41269	86995	2.48%	0.411%
27	25.153	3748	3756	3770	rVB2	264169	802749	22.87%	3.795%
28	26.251	3932	3943	3954	rBV3	30268	99206	2.83%	0.469%

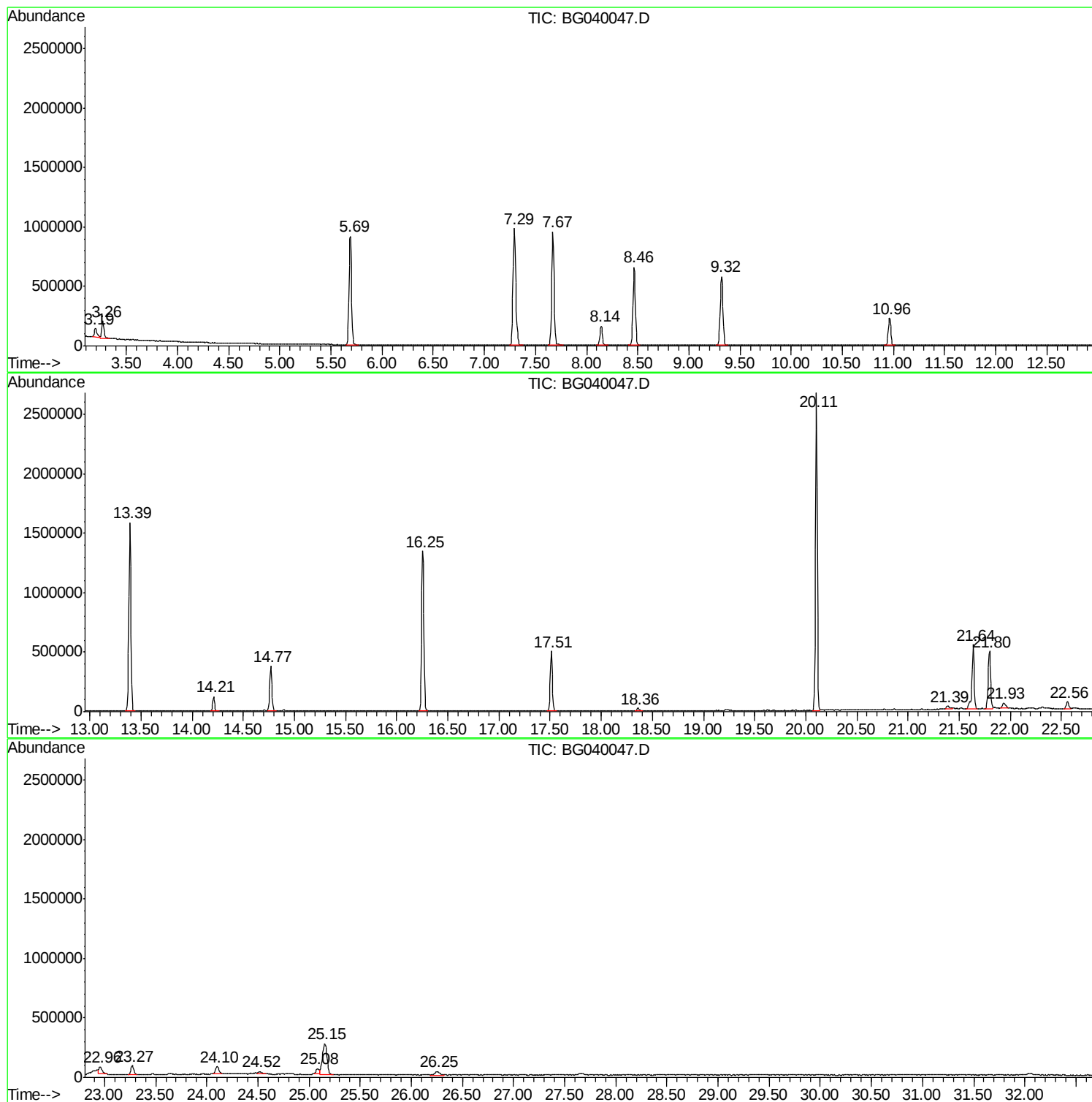
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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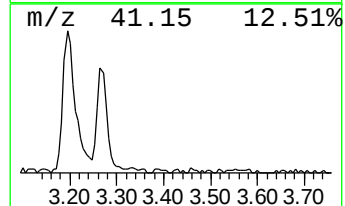
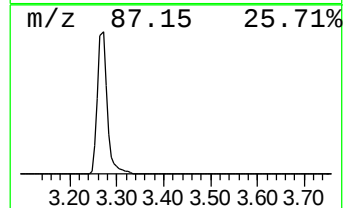
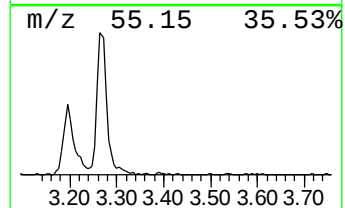
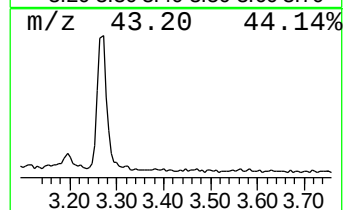
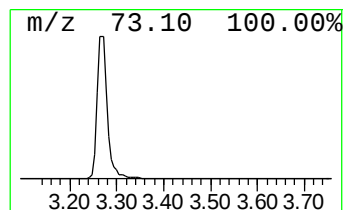
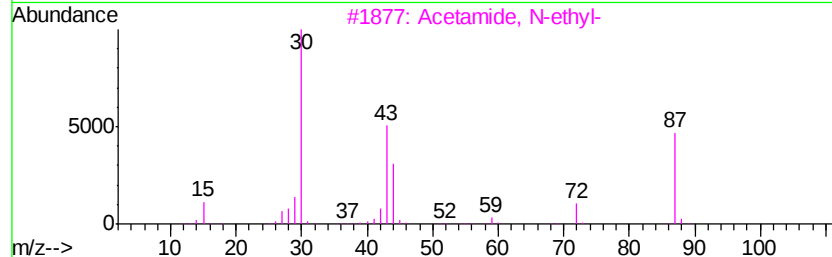
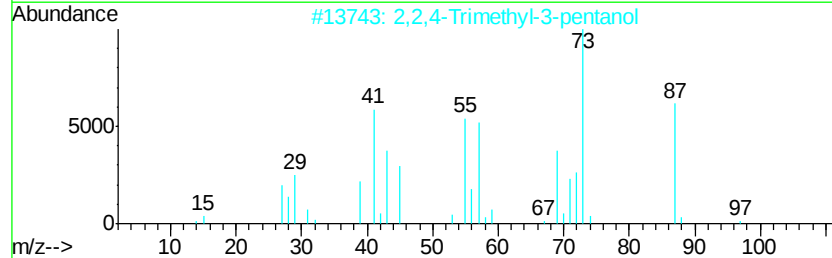
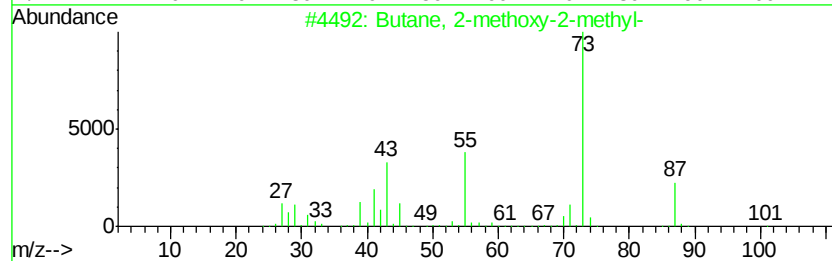
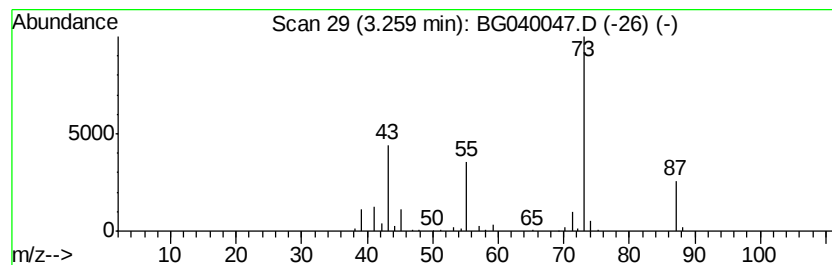
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	16.20 ng	224593	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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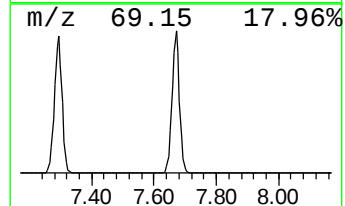
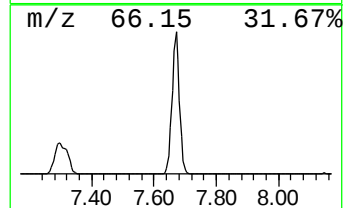
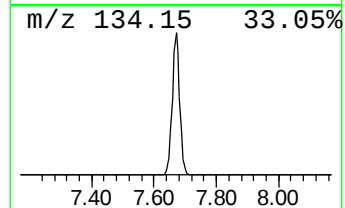
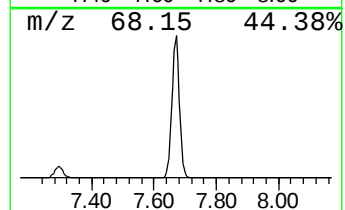
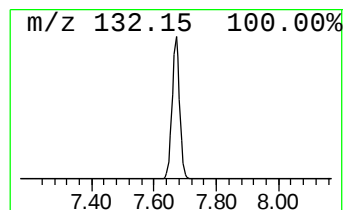
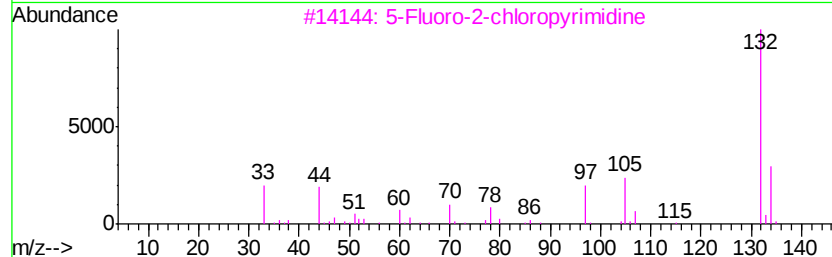
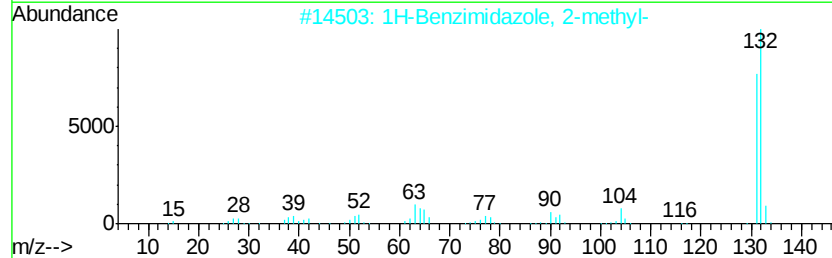
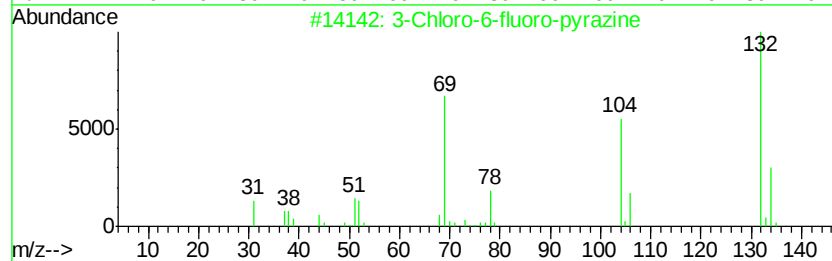
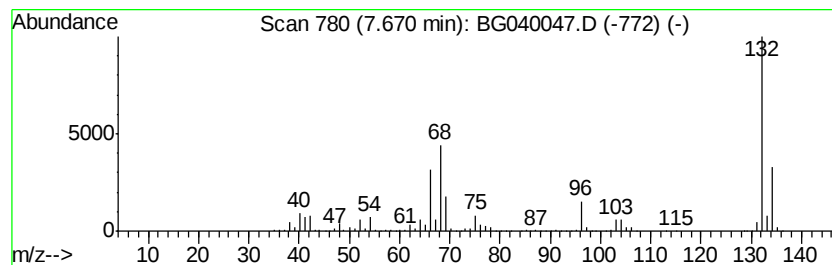
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Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	117.33 ng	1626560	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5		Xenon	132	Xe	007440-63-3	9



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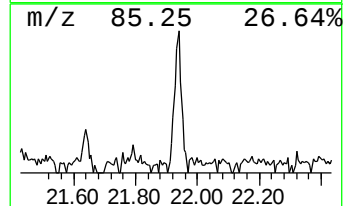
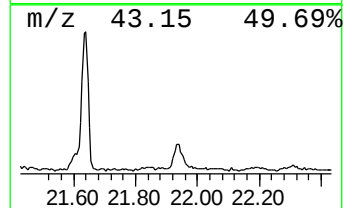
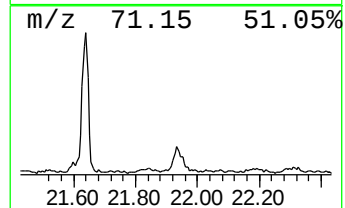
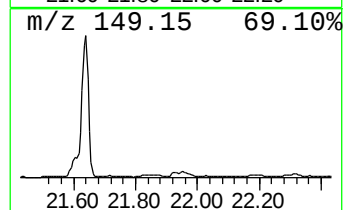
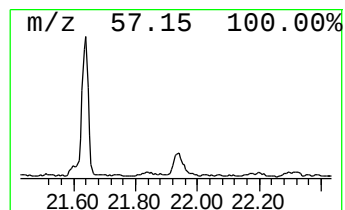
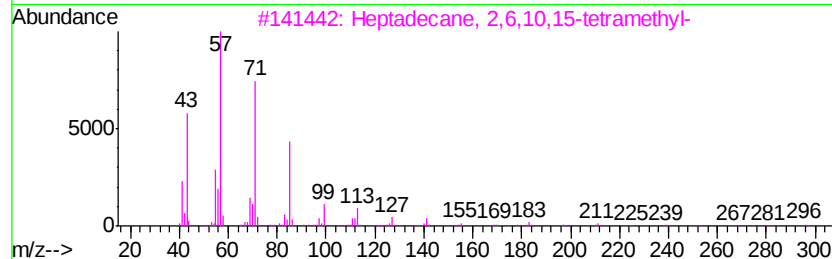
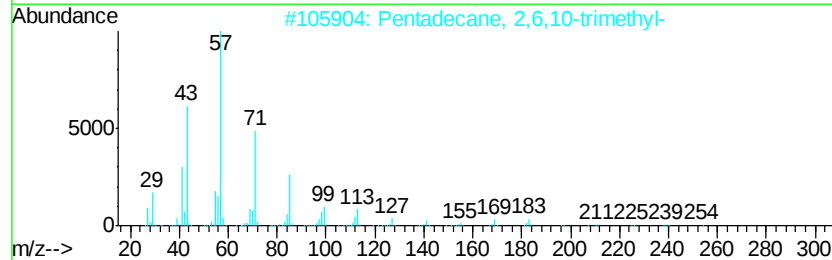
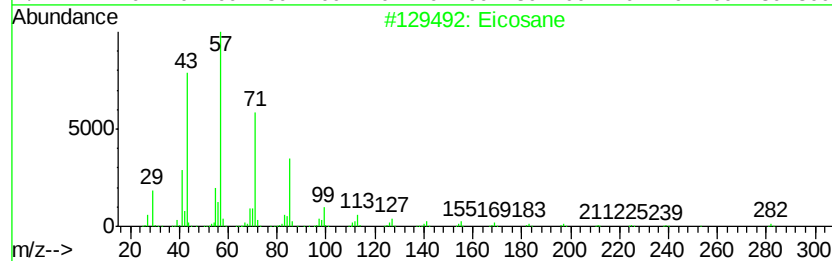
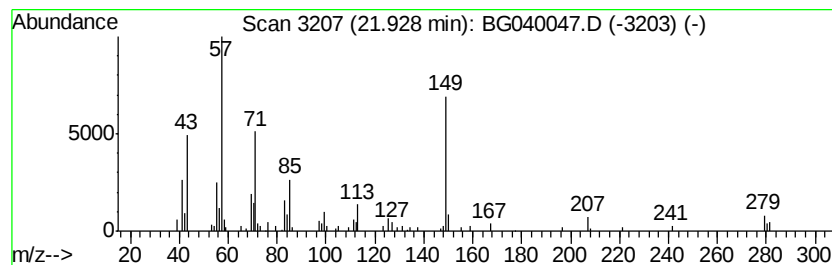
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Peak Number 5 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.93	2.39 ng	98160	Chrysene-d12		21.80		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	92
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	52
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
4			Octadecane	254	C18H38	000593-45-3	52
5			Tetracosane	338	C24H50	000646-31-1	49



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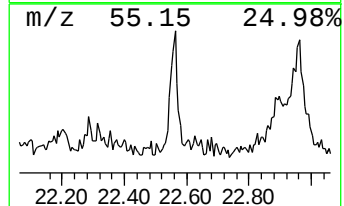
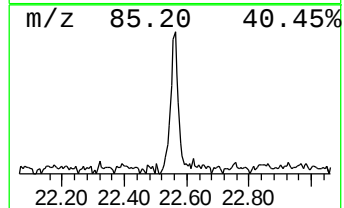
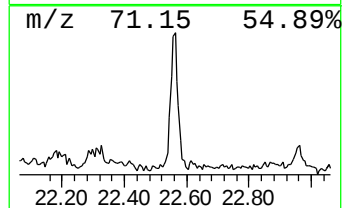
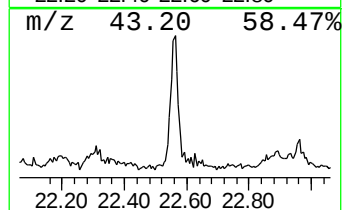
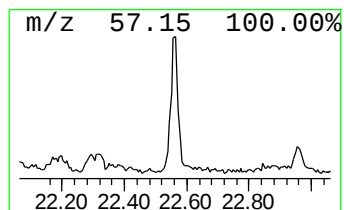
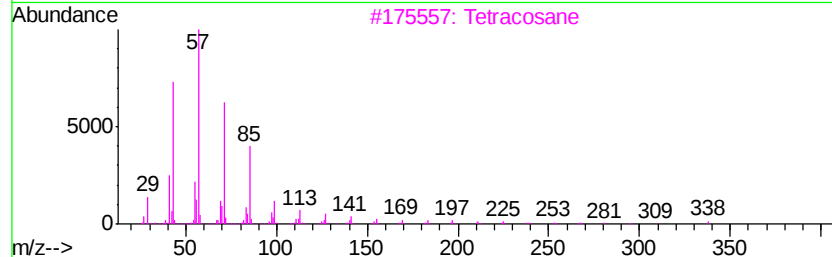
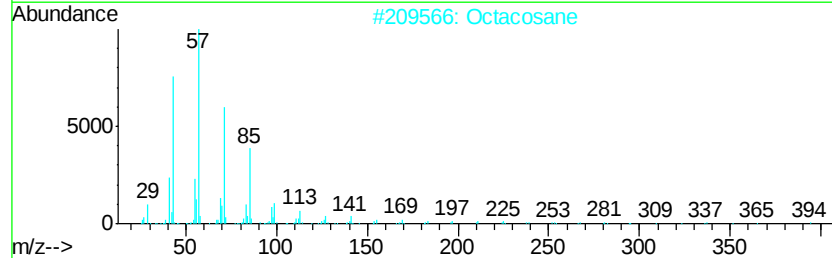
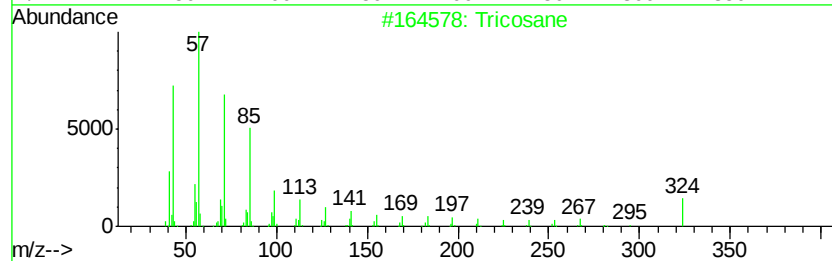
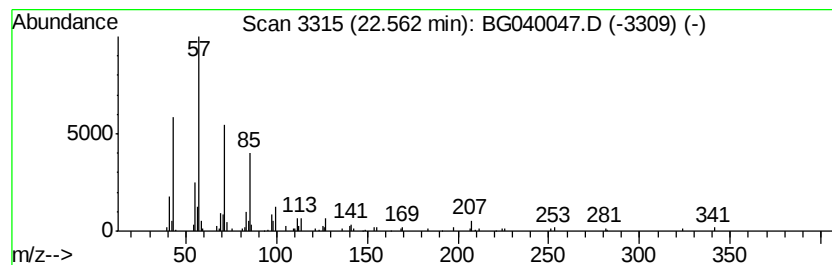
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Peak Number 6 Tricosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.28 ng	93633	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	91
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetradecane	198	C14H30	000629-59-4	83



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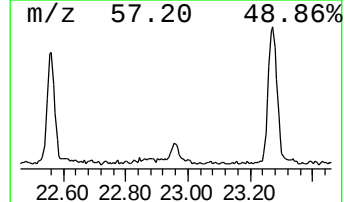
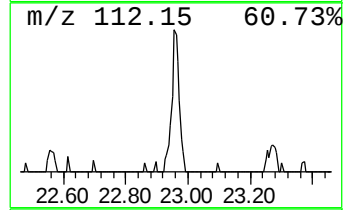
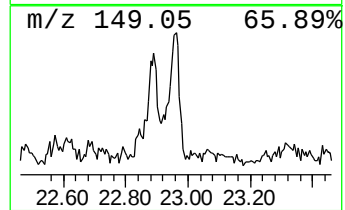
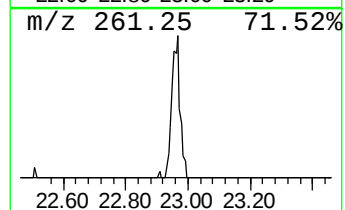
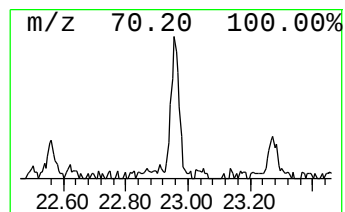
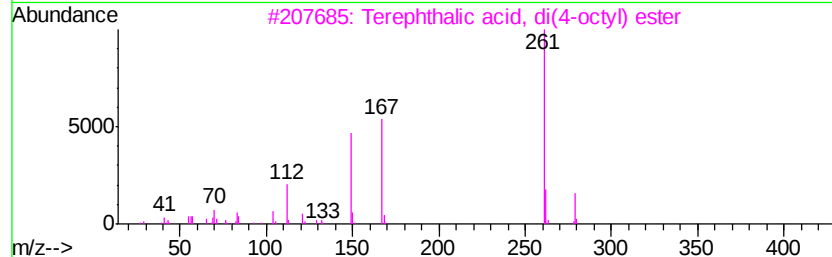
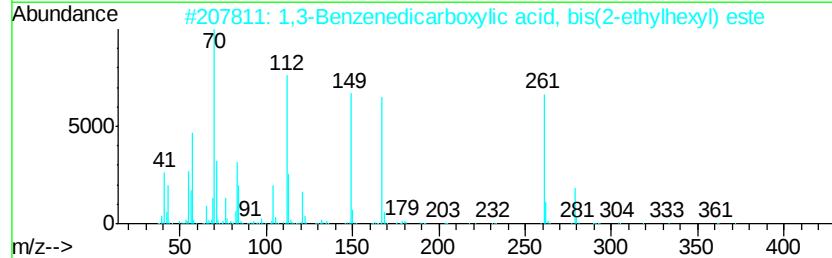
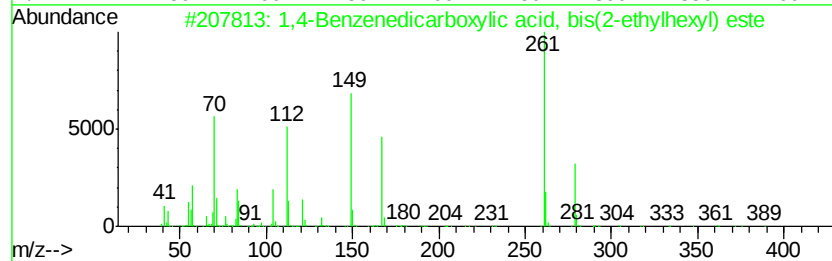
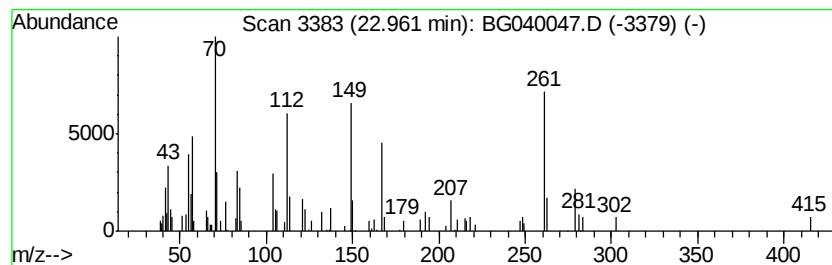
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Peak Number 7 1,4-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	3.24 ng	133053	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	91
2		1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	80
3		Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	74
4		Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	47
5		Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	46



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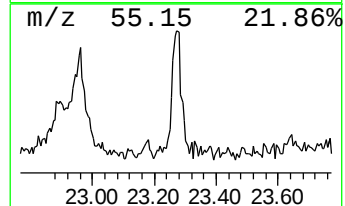
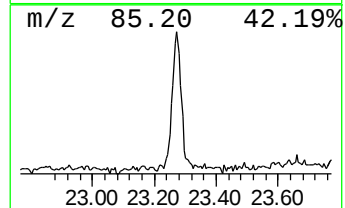
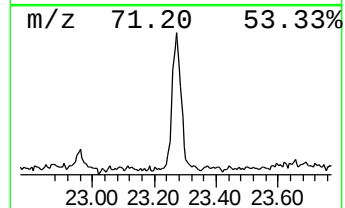
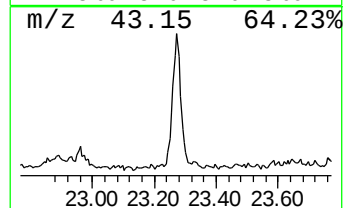
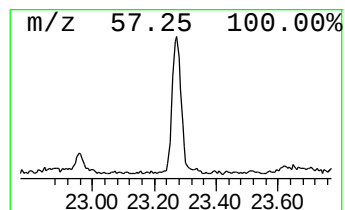
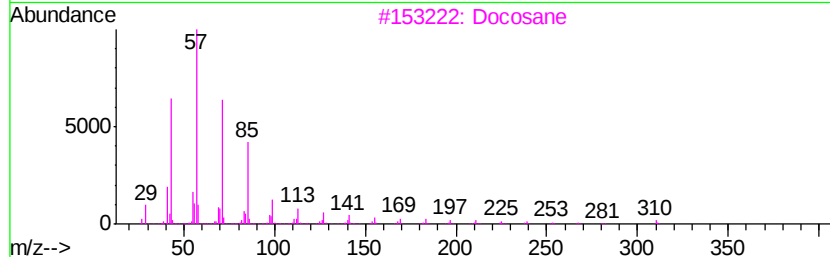
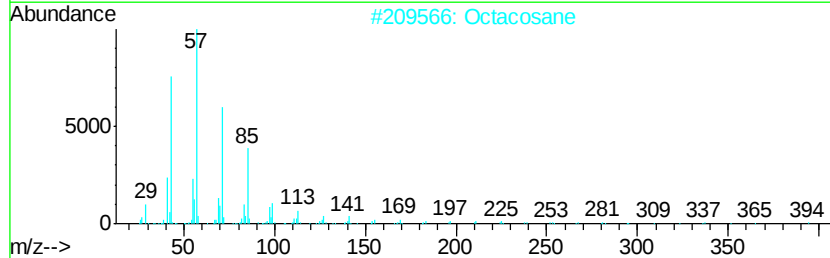
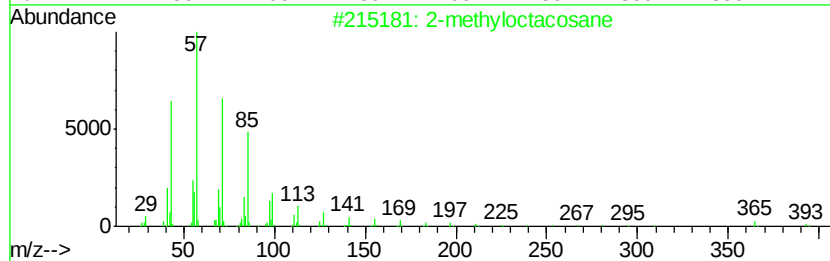
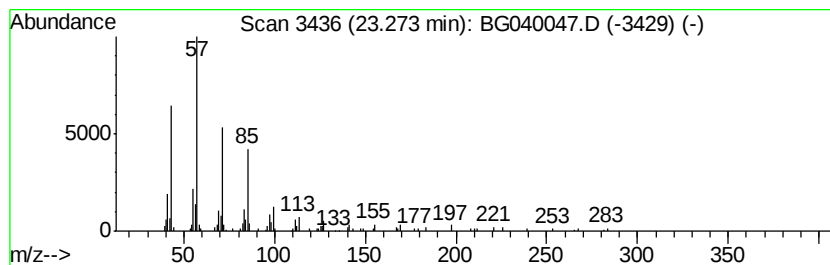
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	3.61 ng	148137	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Docosane	310	C22H46	000629-97-0	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040047.D
Acq On : 20 Mar 2019 22:25
Operator : JU/SJ
Sample : K1943-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

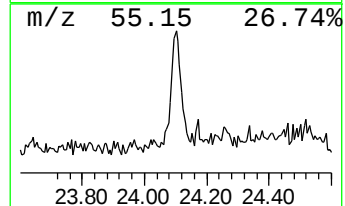
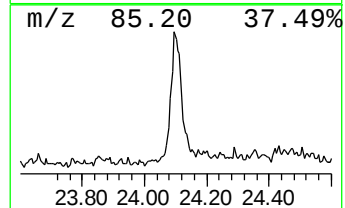
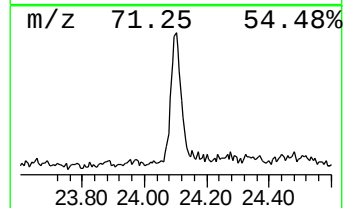
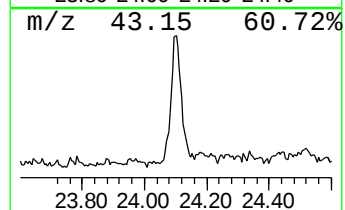
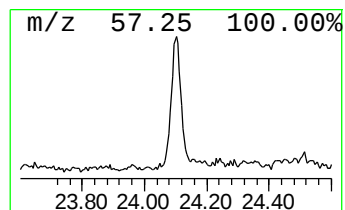
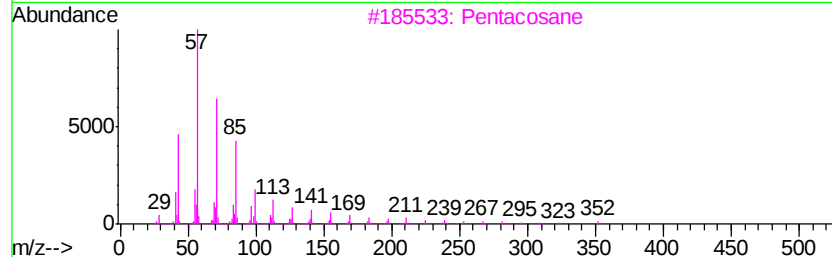
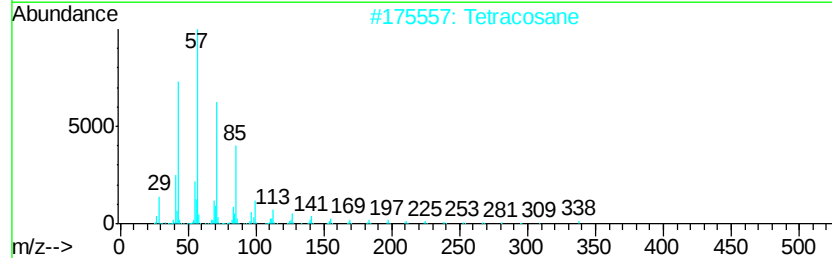
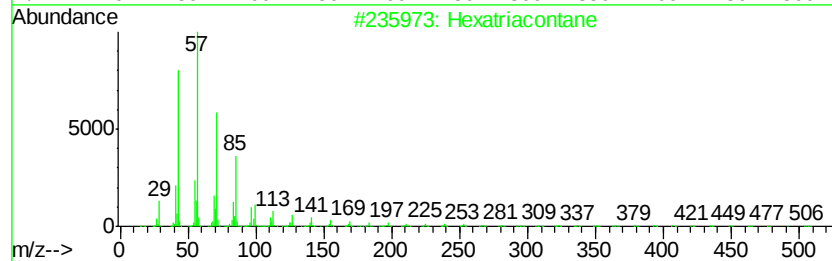
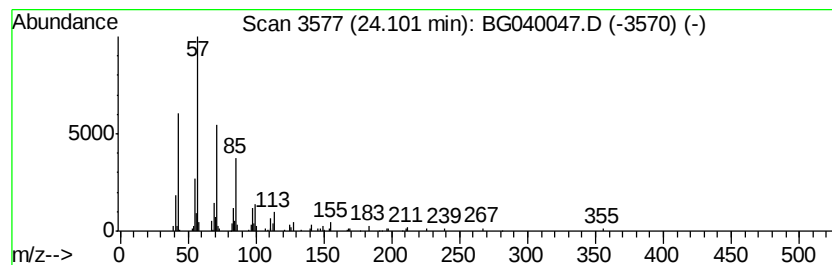
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexatriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	3.44 ng	138124	Perylene-d12	25.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane		507	C36H74	000630-06-8	90
2	Tetracosane		338	C24H50	000646-31-1	87
3	Pentacosane		352	C25H52	000629-99-2	87
4	Tetracosane, 11-decyl-		479	C34H70	055429-84-0	87
5	Tetratetracontane		619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040047.D
Acq On : 20 Mar 2019 22:25
Operator : JU/SJ
Sample : K1943-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

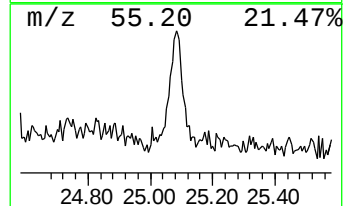
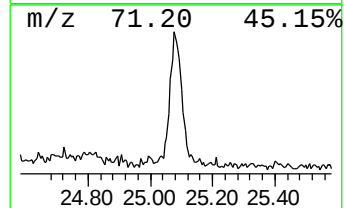
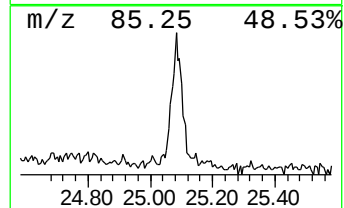
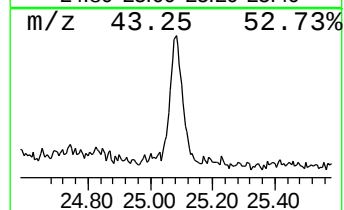
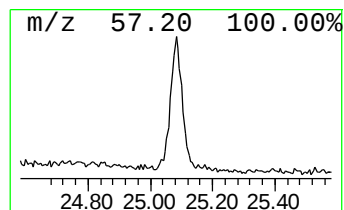
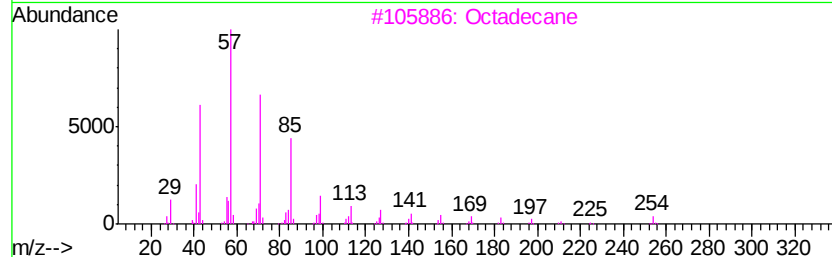
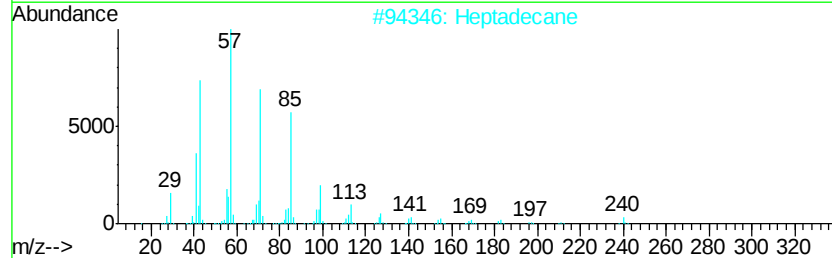
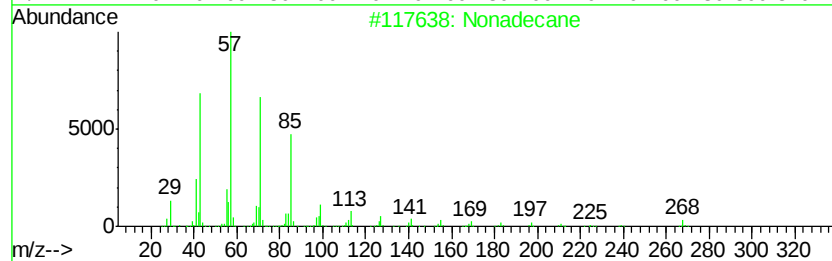
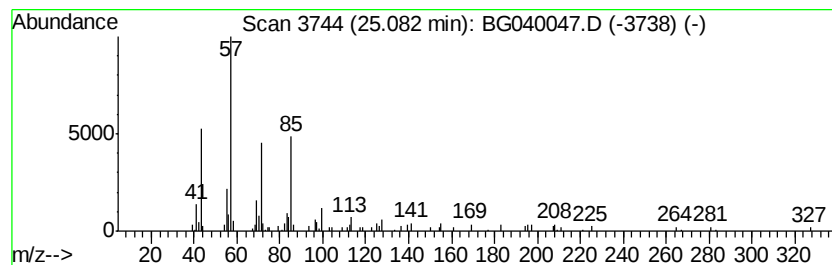
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.08	2.17 ng	86995	Perylene-d12	25.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	80
2			Heptadecane	240	C17H36	000629-78-7	64
3			Octadecane	254	C18H38	000593-45-3	62
4			Hentriacontane	437	C31H64	000630-04-6	58
5			Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040047.D
Acq On : 20 Mar 2019 22:25
Operator : JU/SJ
Sample : K1943-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

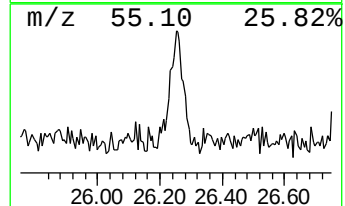
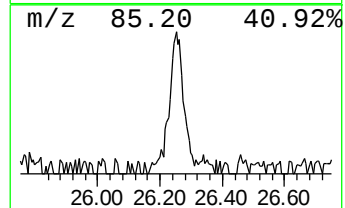
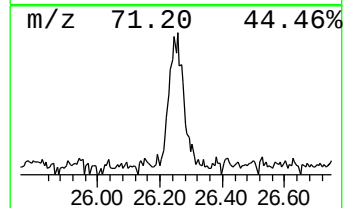
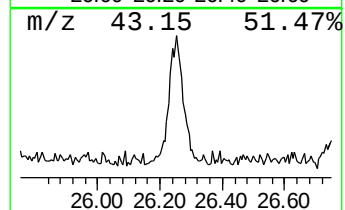
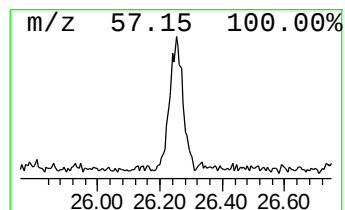
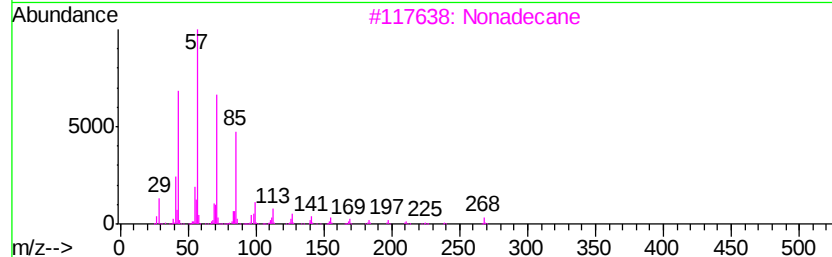
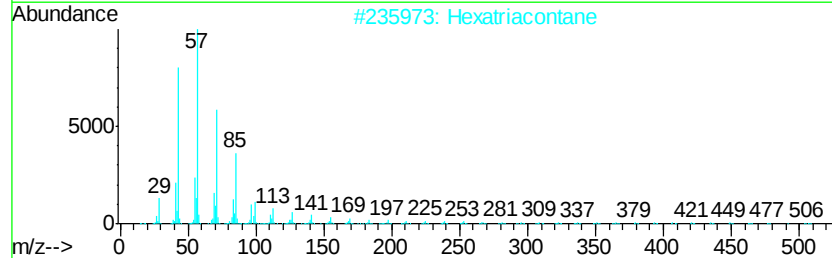
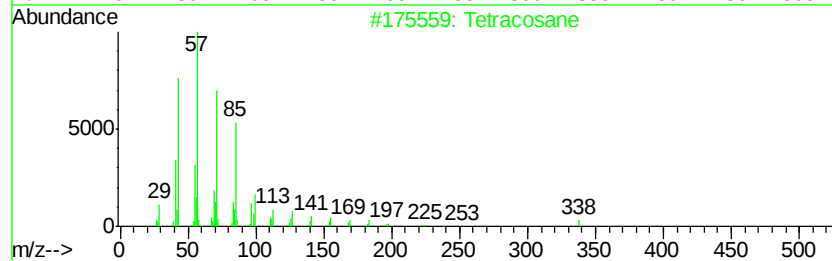
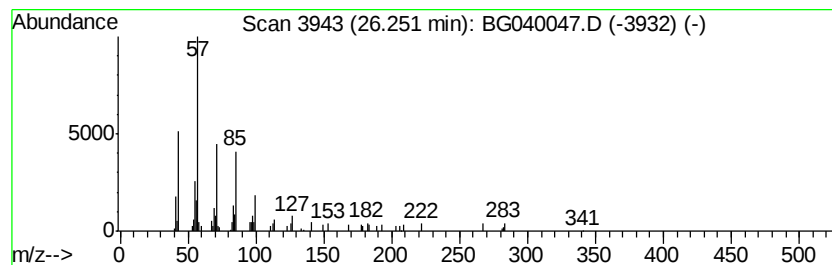
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.25	2.47 ng	99206	Perylene-d12	25.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	76
2			Hexatriacontane	507	C36H74	000630-06-8	72
3			Nonadecane	268	C19H40	000629-92-5	64
4			Heptadecane	240	C17H36	000629-78-7	64
5			Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040047.D
Acq On : 20 Mar 2019 22:25
Operator : JU/SJ
Sample : K1943-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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
Butane, 2-methoxy...	3.26	16.2	ng	224593	1	8.14	277272	20.0
unknown7.67	7.67	117.3	ng	1626560	1	8.14	277272	20.0
Eicosane	21.93	2.4	ng	98160	5	21.80	821642	20.0
Tricosane	22.56	2.3	ng	93633	5	21.80	821642	20.0
1,4-Benzenedicarb...	22.96	3.2	ng	133053	5	21.80	821642	20.0
2-methyloctacosane	23.27	3.6	ng	148137	5	21.80	821642	20.0
Hexatriacontane	24.10	3.4	ng	138124	6	25.15	802749	20.0
Nonadecane	25.08	2.2	ng	86995	6	25.15	802749	20.0
Tetracosane	26.25	2.5	ng	99206	6	25.15	802749	20.0