

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
 Data File : BG041755.D
 Acq On : 23 Jul 2019 13:43
 Operator : HP/JU
 Sample : K3936-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP

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-BG071519.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	3.196	13	18	33	rVB	348793	627135	9.18%	1.602%
2	5.610	421	429	441	rBV	1593822	2576472	37.71%	6.580%
3	7.197	690	699	716	rBV	1642769	2866559	41.96%	7.321%
4	7.579	755	764	772	rBV	1600525	2800212	40.99%	7.151%
5	8.043	834	843	852	rBV	334009	558520	8.18%	1.426%
6	8.366	889	898	912	rVB	1231507	2201719	32.23%	5.623%
7	9.200	1031	1040	1050	rBV	956958	1728296	25.30%	4.414%
8	10.845	1311	1320	1331	rBV	403809	751638	11.00%	1.920%
9	13.290	1728	1736	1751	rBV	2689542	4160020	60.89%	10.624%
10	14.106	1869	1875	1885	rBV	363065	521936	7.64%	1.333%
11	14.659	1962	1969	1977	rBV	693910	1089481	15.95%	2.782%
12	16.139	2214	2221	2233	rBV	2504867	3814181	55.83%	9.741%
13	17.397	2428	2435	2440	rBV2	928384	1449935	21.22%	3.703%
14	17.438	2440	2442	2448	rVV	89009	110708	1.62%	0.283%
15	19.435	2777	2782	2789	rBV	205102	303109	4.44%	0.774%
16	19.800	2835	2844	2852	rVB	154429	291294	4.26%	0.744%
17	19.999	2872	2878	2890	rVB	5079575	6831965	100.00%	17.447%
18	21.310	3097	3101	3117	rBV2	207617	533994	7.82%	1.364%
19	21.645	3150	3158	3164	rBV	1115614	1927394	28.21%	4.922%
20	21.856	3189	3194	3201	rBV	127363	180777	2.65%	0.462%
21	22.467	3293	3298	3305	rVB	165350	297189	4.35%	0.759%
22	23.160	3410	3416	3423	rVB	193297	364370	5.33%	0.931%
23	23.343	3444	3447	3456	rVB2	47623	91611	1.34%	0.234%
24	23.824	3523	3529	3537	rBV2	44201	130806	1.91%	0.334%
25	23.965	3546	3553	3563	rBV2	182029	398832	5.84%	1.019%
26	24.835	3690	3701	3709	rBV	638117	1885426	27.60%	4.815%
27	24.917	3710	3715	3727	rVB2	151678	381178	5.58%	0.973%
28	26.051	3901	3908	3919	rVB2	100893	283063	4.14%	0.723%

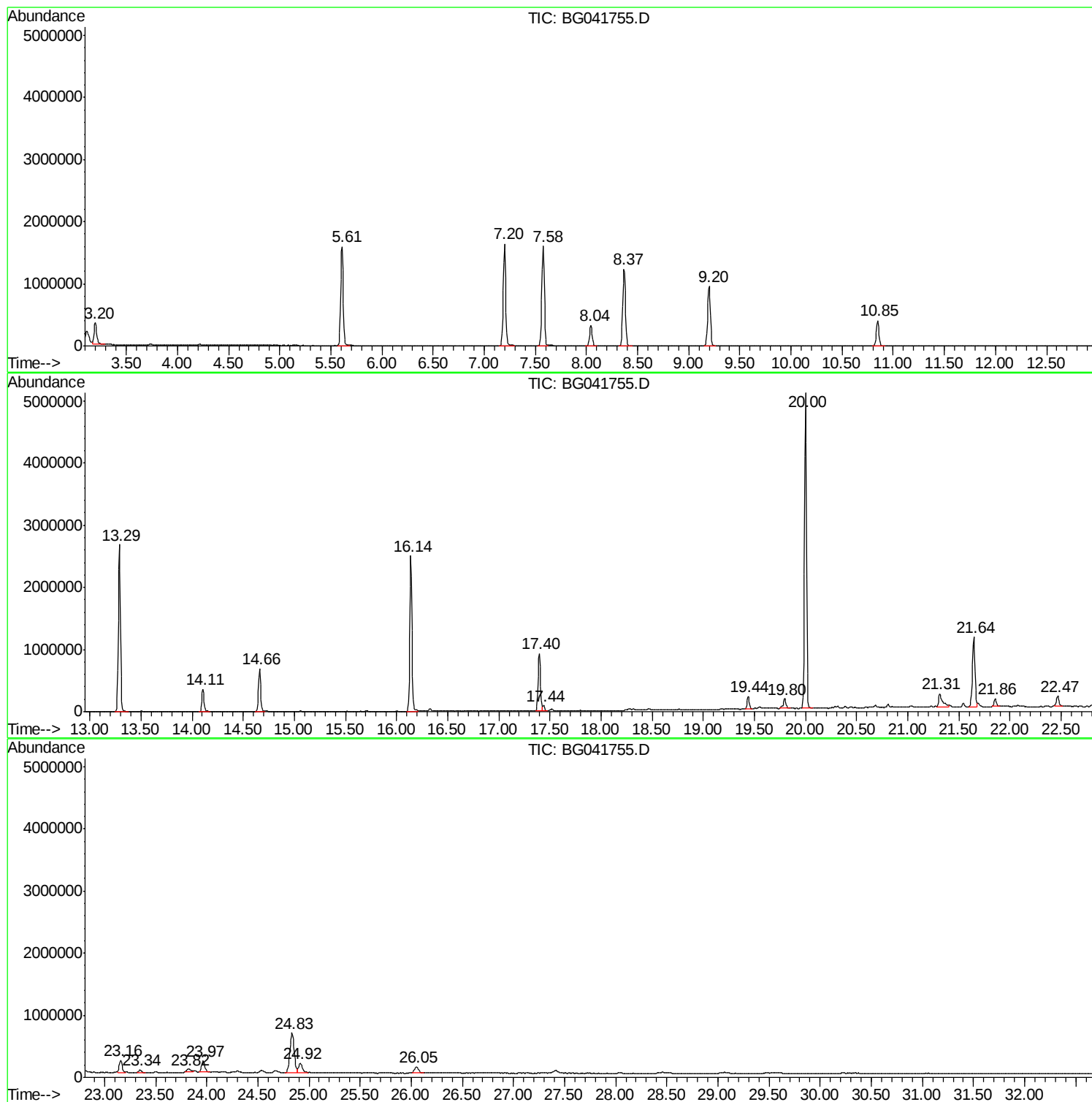
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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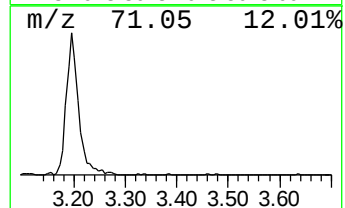
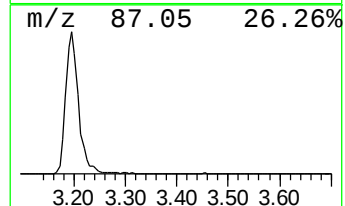
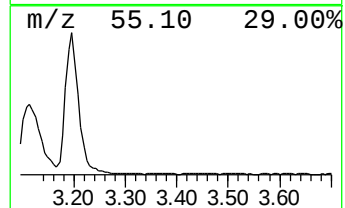
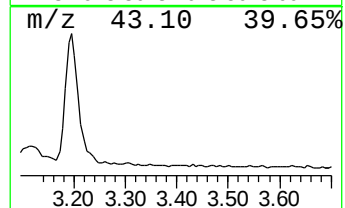
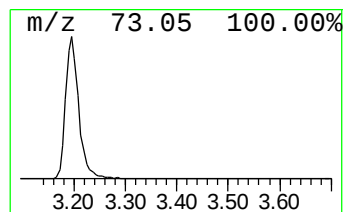
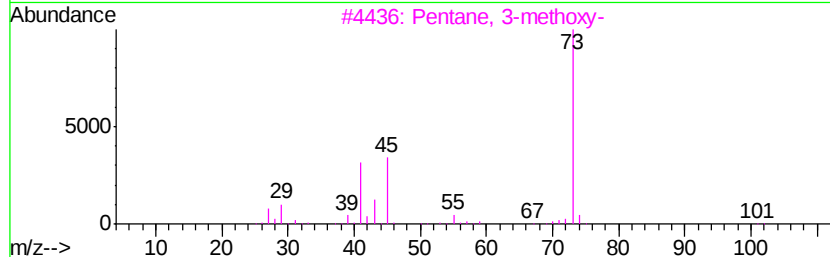
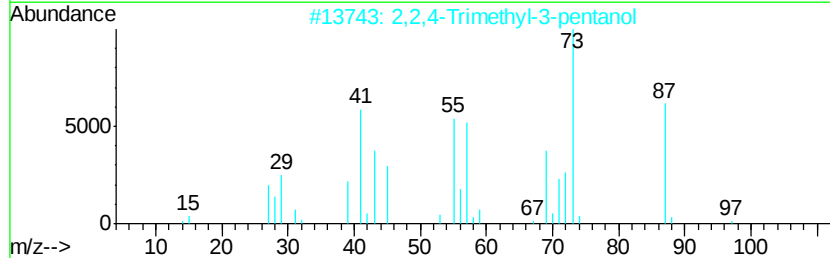
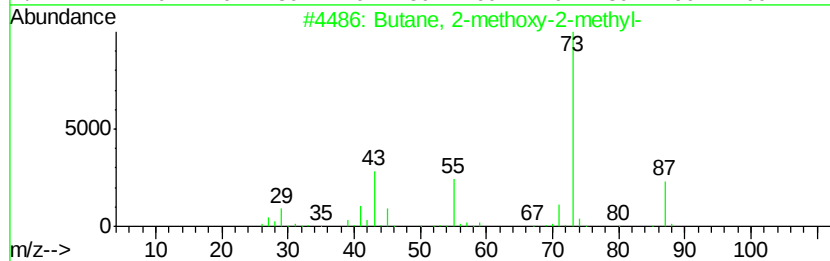
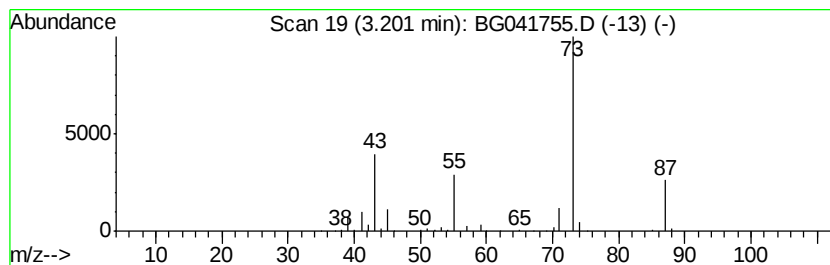
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	22.46 ng	627135	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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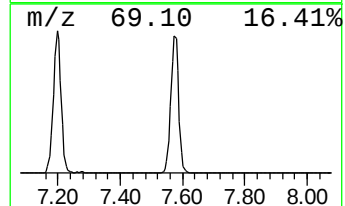
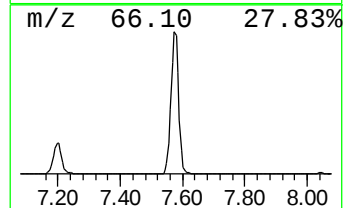
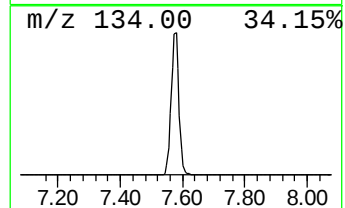
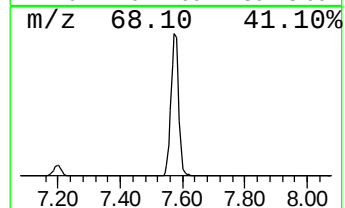
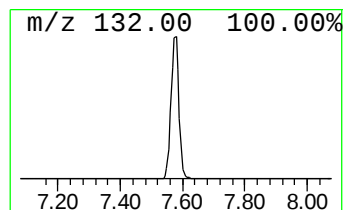
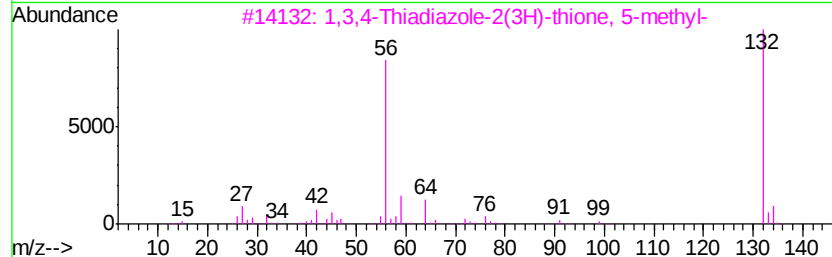
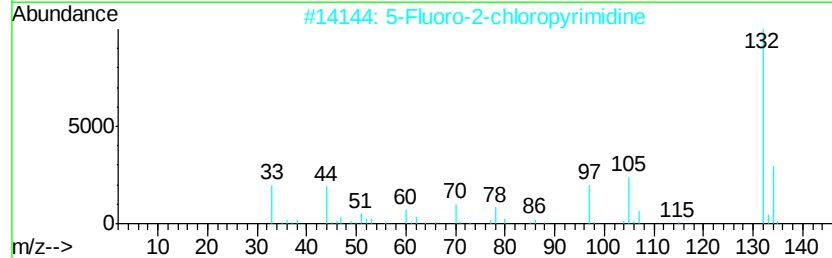
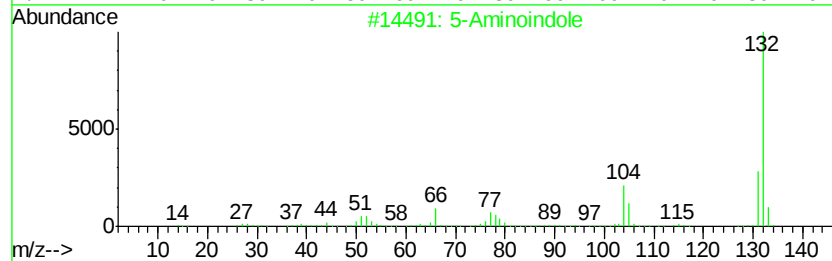
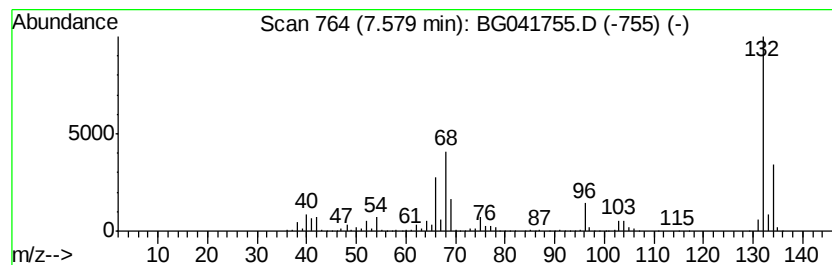
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Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	100.27 ng	2800210	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4		Bicyclo[4.2.0]octa-1,3,5-triene, ...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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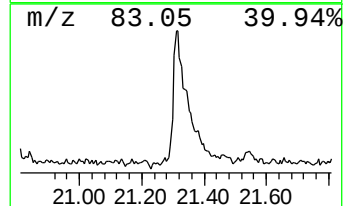
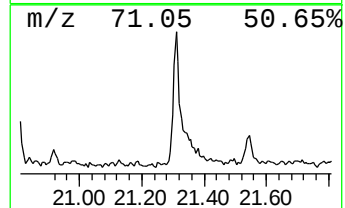
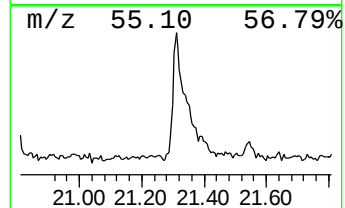
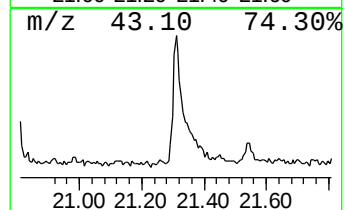
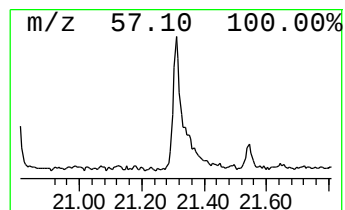
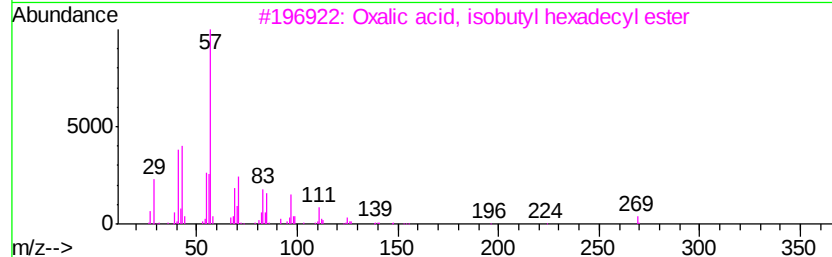
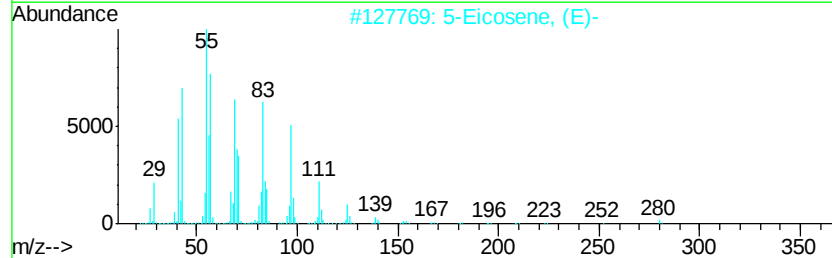
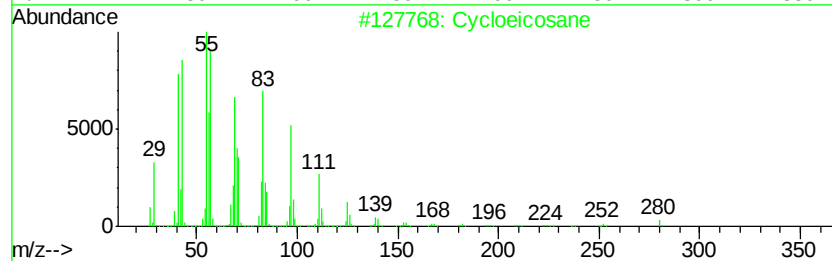
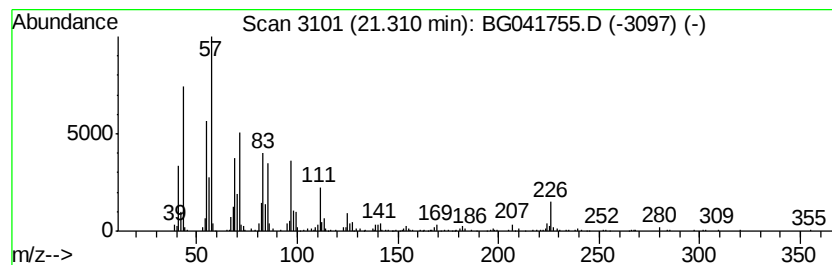
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Peak Number 4 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.31	5.54 ng	533994	Chrysene-d12	21.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvcloeicosane	280	C20H40	000296-56-0	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Oxalic acid, isobutvyl hexadecvyl ...	370	C22H42O4	1000309-38-1	90
4	Octacosvyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90



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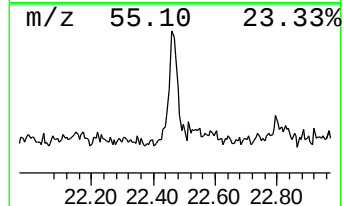
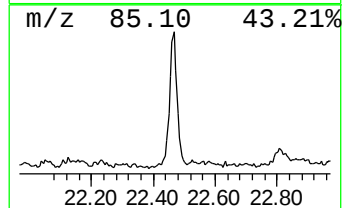
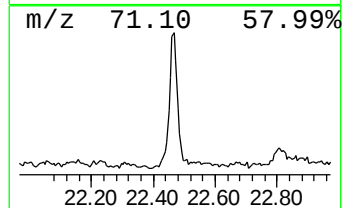
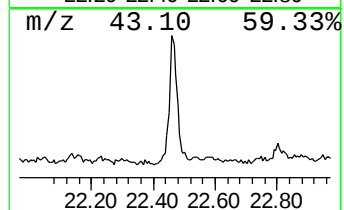
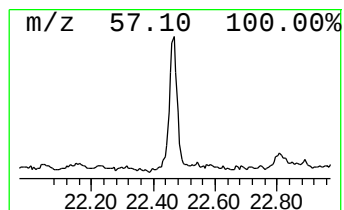
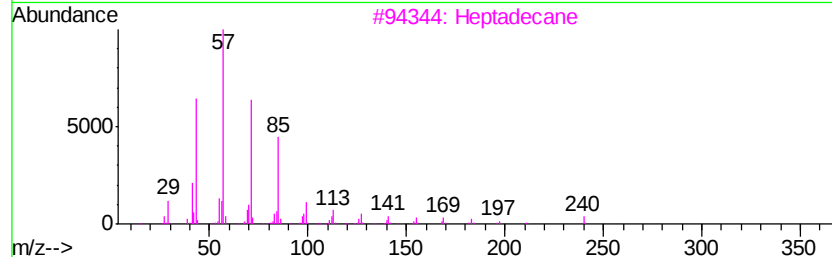
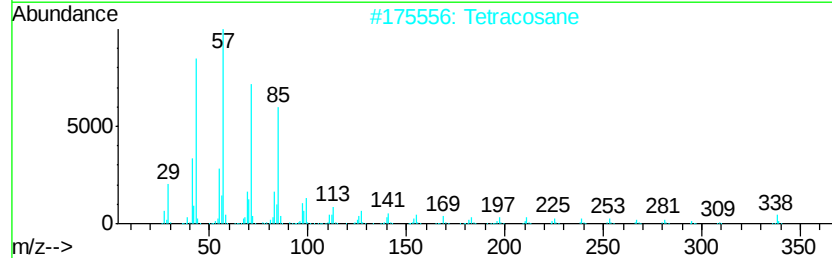
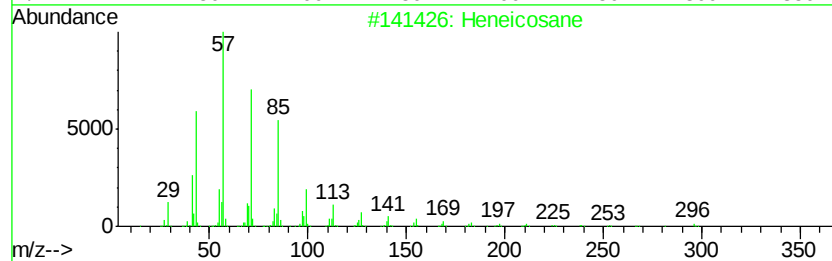
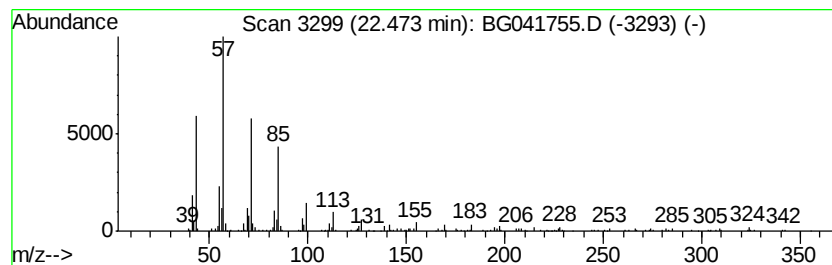
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Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	3.08 ng	297189	Chrysene-d12	21.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	87
2	Tetracosane		338	C24H50	000646-31-1	87
3	Heptadecane		240	C17H36	000629-78-7	83
4	Octadecane		254	C18H38	000593-45-3	83
5	Hexadecane		226	C16H34	000544-76-3	80



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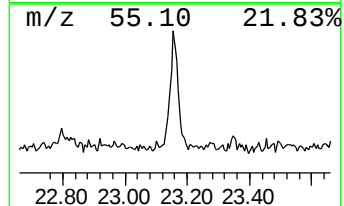
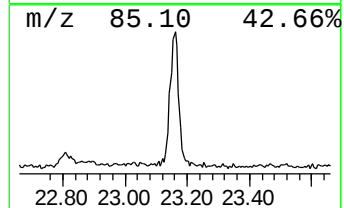
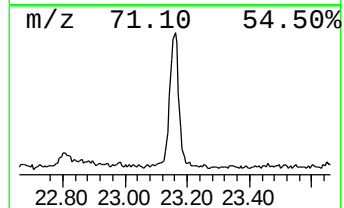
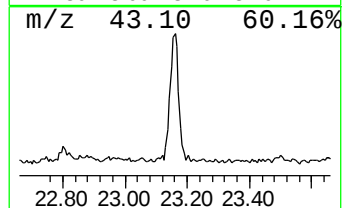
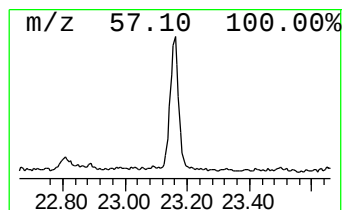
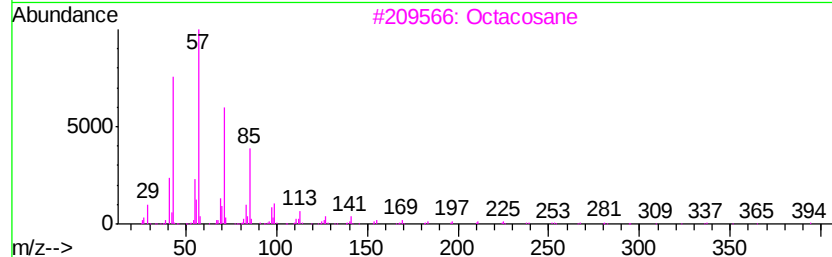
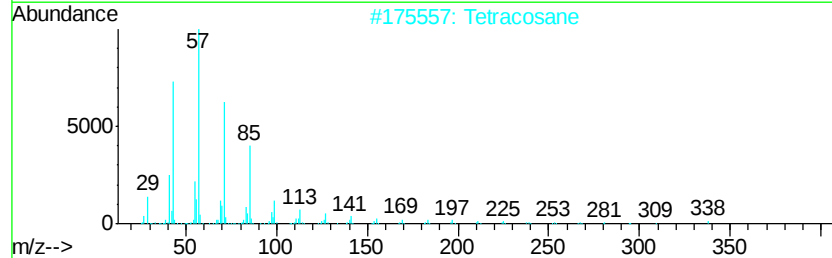
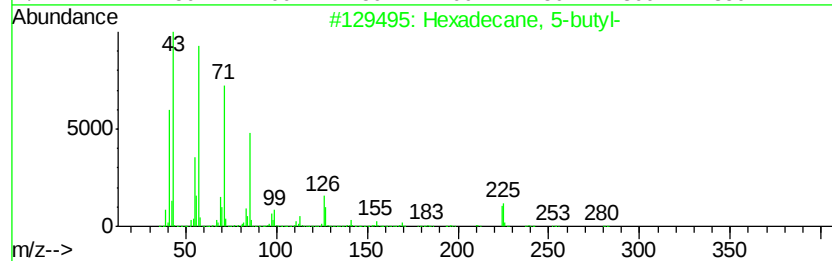
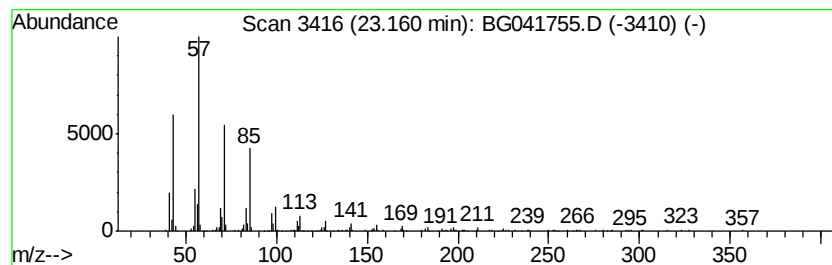
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Peak Number 6 Hexadecane, 5-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	3.78 ng	364370	Chrysene-d12	21.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



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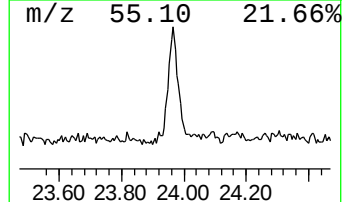
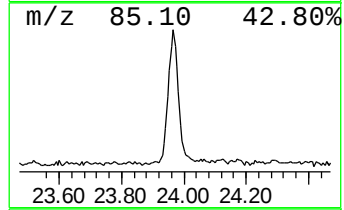
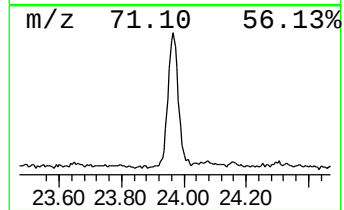
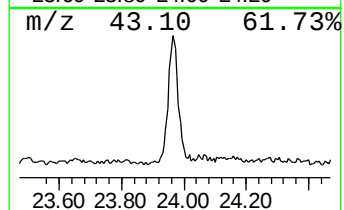
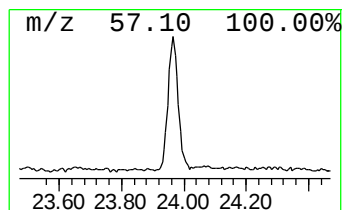
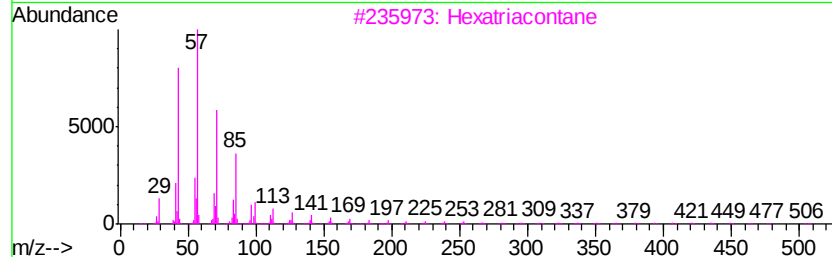
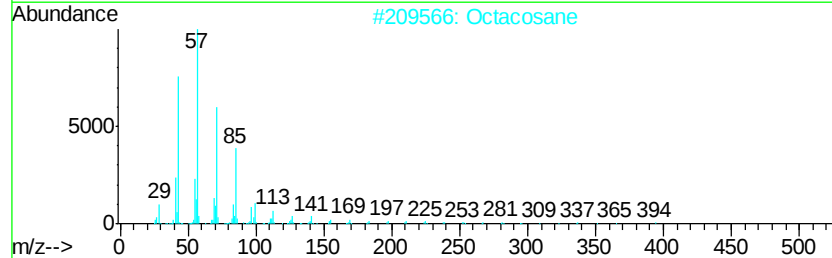
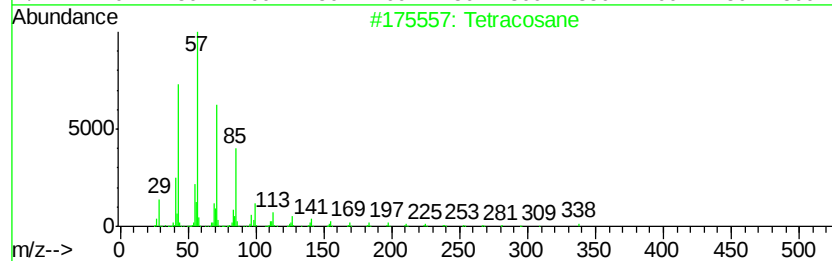
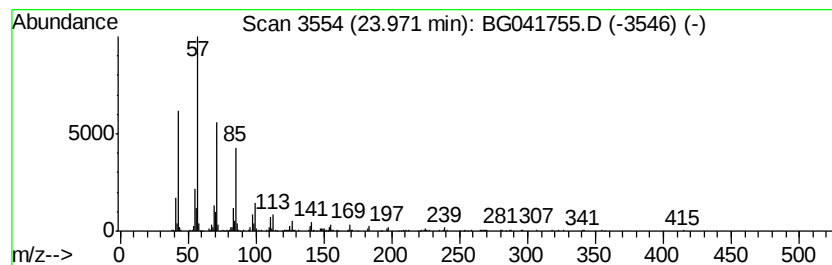
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	4.23 ng	398832	Perylene-d12	24.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041755.D
Acq On : 23 Jul 2019 13:43
Operator : HP/JU
Sample : K3936-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP

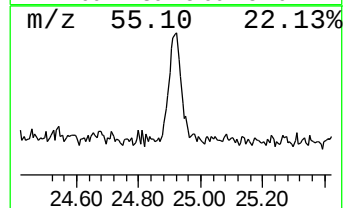
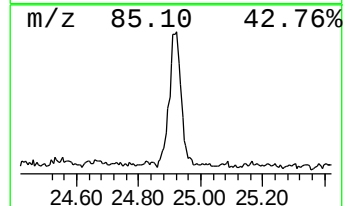
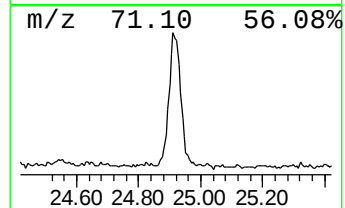
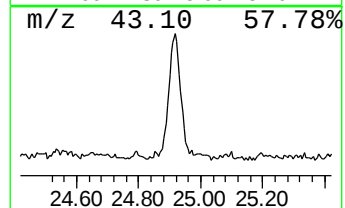
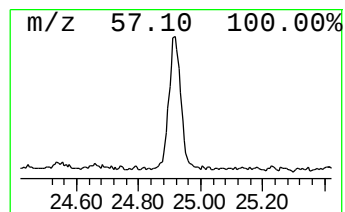
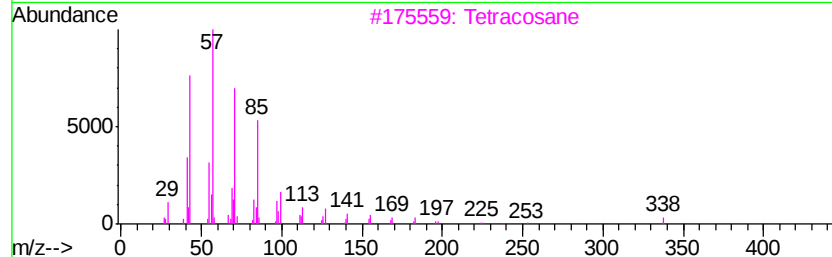
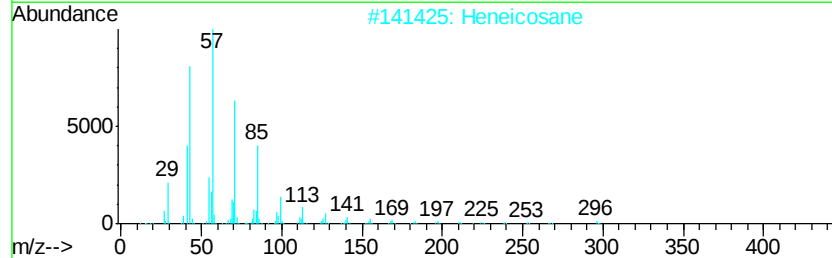
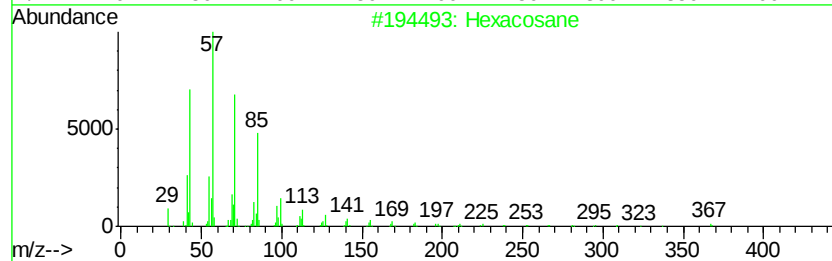
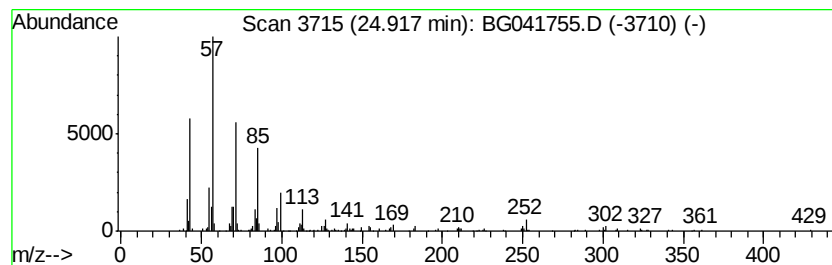
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.92	4.04 ng	381178	Perylene-d12	24.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Heneicosane	296	C21H44	000629-94-7	86
3		Tetracosane	338	C24H50	000646-31-1	83
4		Octacosane	394	C28H58	000630-02-4	81
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
Data File : BG041755.D
Acq On : 23 Jul 2019 13:43
Operator : HP/JU
Sample : K3936-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP

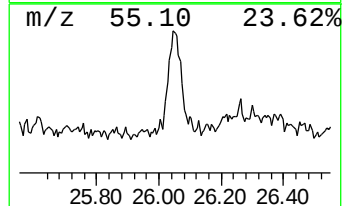
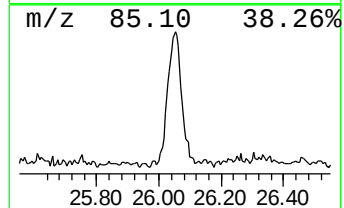
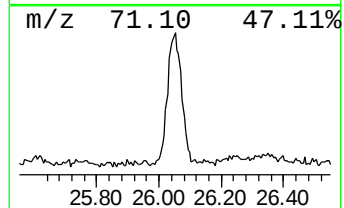
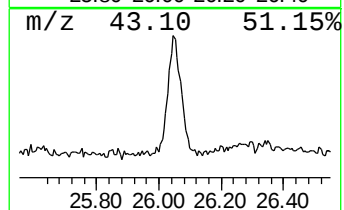
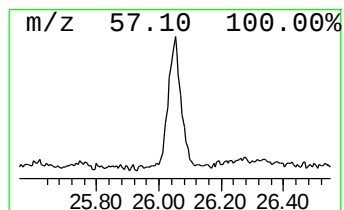
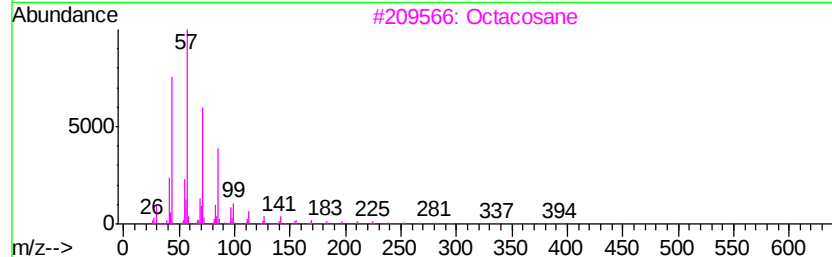
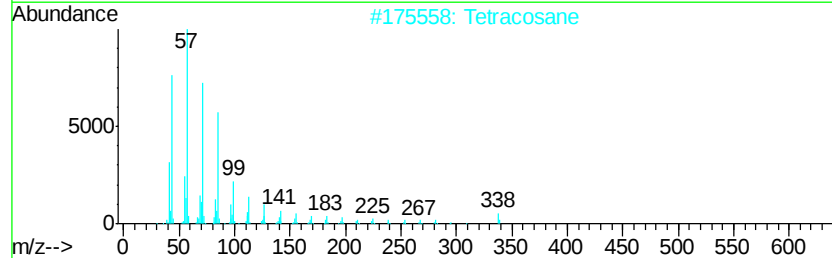
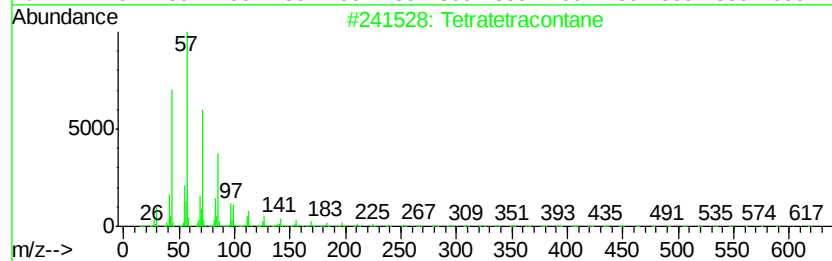
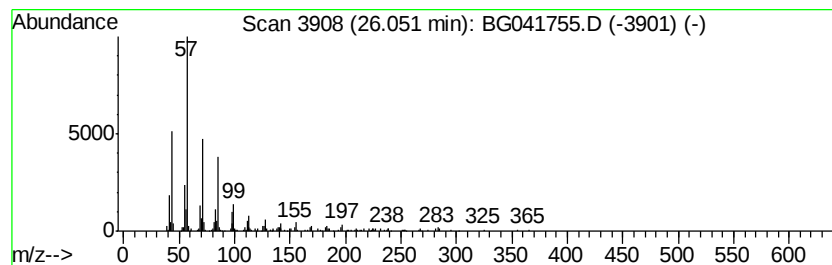
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	3.00 ng	283063	Perylene-d12	24.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane		619	C44H90	007098-22-8	90
2	Tetracosane		338	C24H50	000646-31-1	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Heptacosane		380	C27H56	000593-49-7	87
5	Pentacosane		352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072319\
Data File : BG041755.D
Acq On : 23 Jul 2019 13:43
Operator : HP/JU
Sample : K3936-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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...	3.20	22.5	ng	627135	1	8.04	558520	20.0
unknown7.58	7.58	100.3	ng	2800210	1	8.04	558520	20.0
Cycloeicosane	21.31	5.5	ng	533994	5	21.64	1927390	20.0
Heneicosane	22.47	3.1	ng	297189	5	21.64	1927390	20.0
Hexadecane, 5-butyl-	23.16	3.8	ng	364370	5	21.64	1927390	20.0
Tetracosane	23.97	4.2	ng	398832	6	24.83	1885430	20.0
Hexacosane	24.92	4.0	ng	381178	6	24.83	1885430	20.0
Tetratetracontane	26.05	3.0	ng	283063	6	24.83	1885430	20.0