

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037552.D
 Acq On : 25 Oct 2018 19:37
 Operator : JU/SJ
 Sample : J5639-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-2

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-BG101818.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	3.766	77	81	96	rBV	41476	78386	2.10%	0.304%
2	5.182	317	322	331	rBV	54636	89376	2.39%	0.347%
3	5.646	391	401	411	rBV	1175797	1959809	52.43%	7.609%
4	7.250	665	674	685	rBV	1256561	2472643	66.15%	9.600%
5	7.632	731	739	747	rBV	1146083	2054192	54.95%	7.975%
6	8.102	812	819	832	rBV	195897	351168	9.39%	1.363%
7	8.425	867	874	884	rVB	793834	1446468	38.70%	5.616%
8	9.283	1011	1020	1028	rBV	740549	1364372	36.50%	5.297%
9	10.922	1292	1299	1307	rBV	289796	533255	14.27%	2.070%
10	13.360	1704	1714	1722	rBV	1793751	2926392	78.29%	11.362%
11	14.177	1847	1853	1859	rBV	263029	408261	10.92%	1.585%
12	14.735	1942	1948	1955	rVV2	502342	841989	22.52%	3.269%
13	14.800	1955	1959	1966	rVB2	43813	70734	1.89%	0.275%
14	15.775	2121	2125	2132	rVB2	30439	52523	1.41%	0.204%
15	16.222	2194	2201	2214	rBV	1572866	2478926	66.32%	9.624%
16	16.686	2277	2280	2287	rVB4	21115	38024	1.02%	0.148%
17	16.833	2301	2305	2311	rVB2	75416	105120	2.81%	0.408%
18	17.485	2406	2416	2420	rBV	613859	1052961	28.17%	4.088%
19	17.520	2420	2422	2430	rVB2	121092	170352	4.56%	0.661%
20	17.585	2430	2433	2436	rBV	36768	55369	1.48%	0.215%
21	18.231	2540	2543	2552	rVB4	38846	63416	1.70%	0.246%
22	18.337	2557	2561	2566	rVV4	105644	174878	4.68%	0.679%
23	18.390	2567	2570	2578	rVB3	44053	82374	2.20%	0.320%
24	18.819	2640	2643	2646	rBV3	28830	42787	1.14%	0.166%
25	19.071	2682	2686	2694	rBV4	34784	73656	1.97%	0.286%
26	19.183	2701	2705	2713	rVB3	52466	80145	2.14%	0.311%
27	19.524	2759	2763	2769	rVB	157583	247705	6.63%	0.962%
28	19.606	2774	2777	2779	rBV3	31482	42100	1.13%	0.163%
29	19.724	2794	2797	2802	rVB	53770	68315	1.83%	0.265%
30	19.894	2822	2826	2833	rVB	145870	223280	5.97%	0.867%
31	20.082	2852	2858	2867	rBV	2769781	3738082	100.00%	14.513%
32	20.993	3011	3013	3018	rVB3	32969	37607	1.01%	0.146%
33	21.375	3074	3078	3092	rVB4	99771	245639	6.57%	0.954%
34	21.762	3137	3144	3151	rBV	570562	1032567	27.62%	4.009%

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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 >
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35	23.255	3395	3398	3407	rvB3	29255	54560	1.46%	0.212%
36	25.100	3701	3712	3726	rvB2	318823	999355	26.73%	3.880%

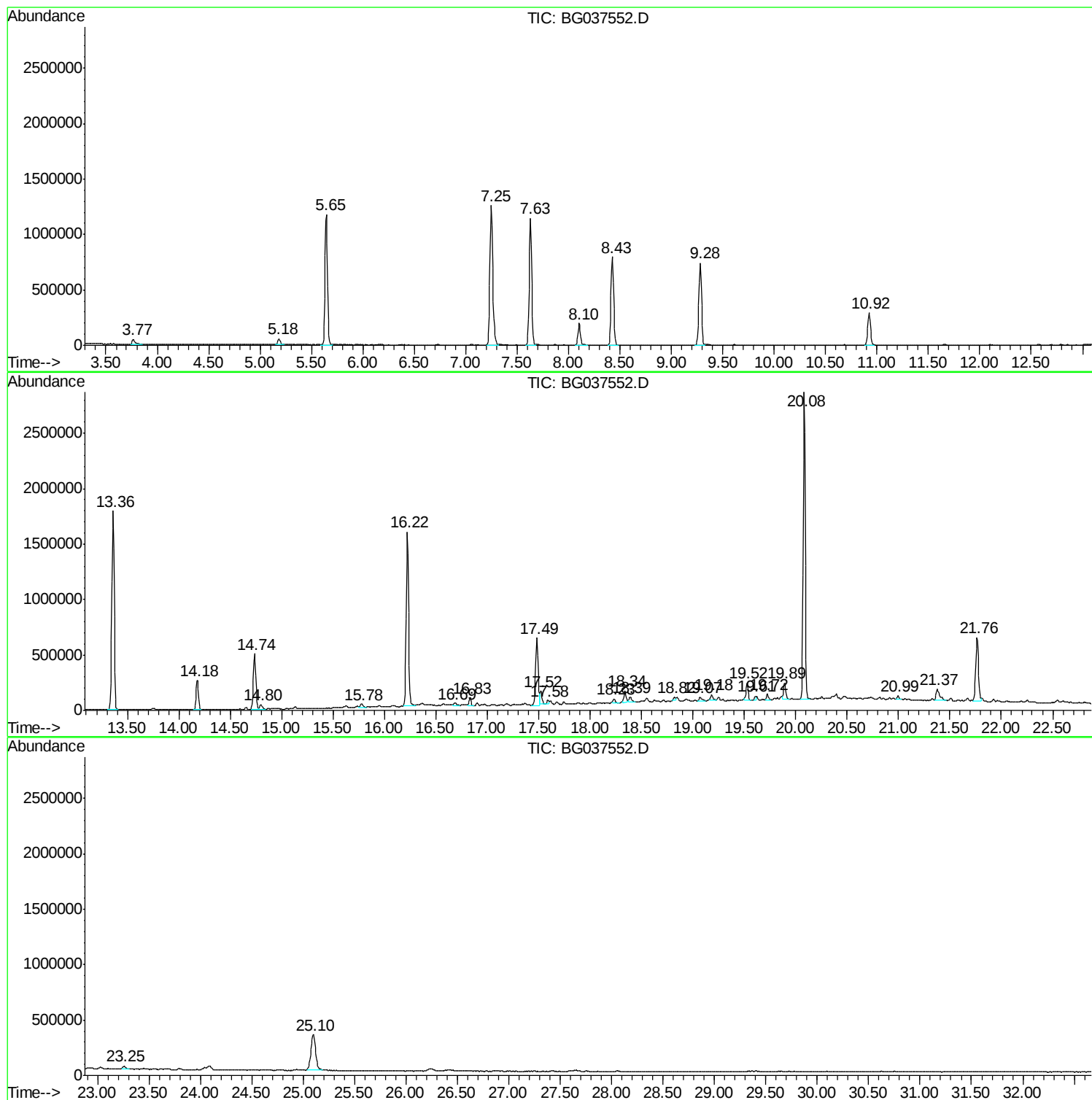
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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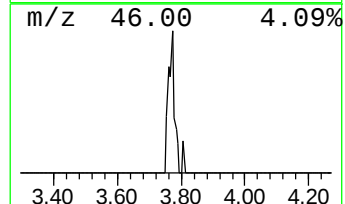
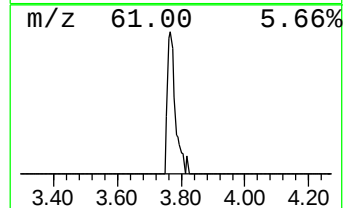
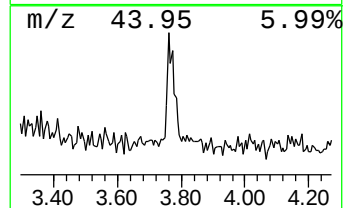
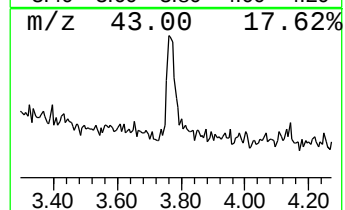
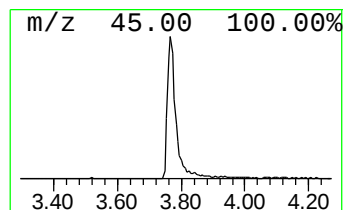
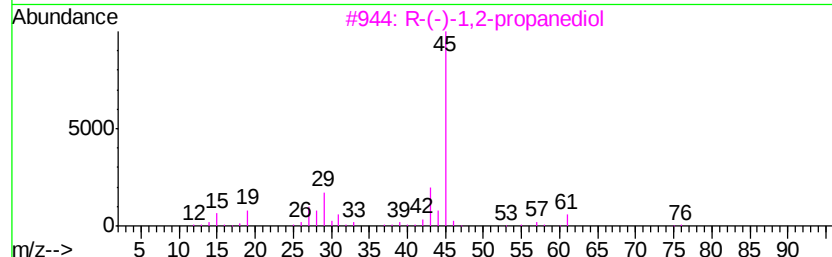
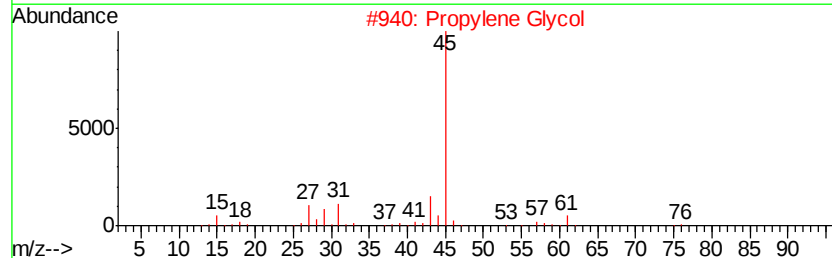
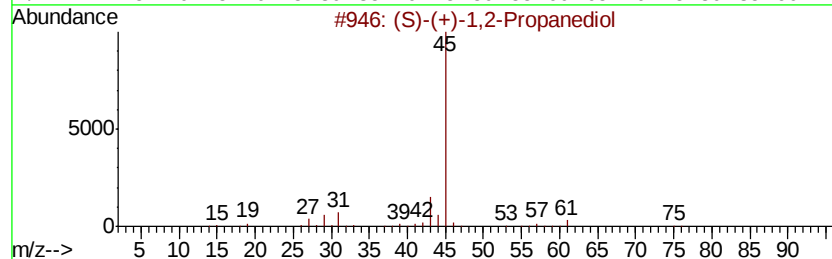
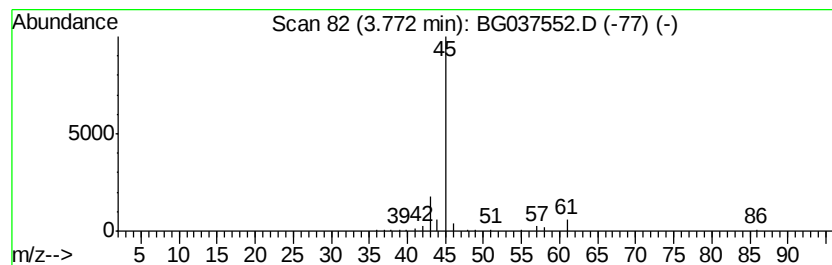
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 (S)-(+)-1,2-Propanediol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	4.46 ng	78386	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2		Propylene Glycol	76	C3H8O2	000057-55-6	9
3		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5		Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9



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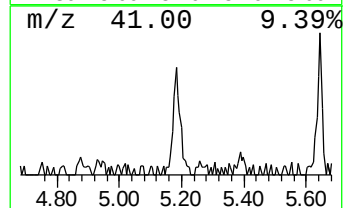
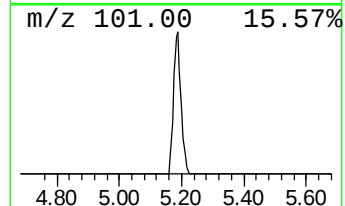
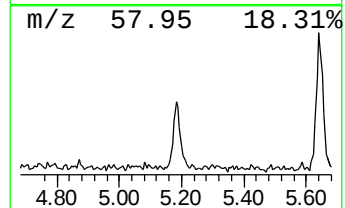
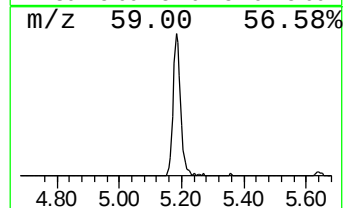
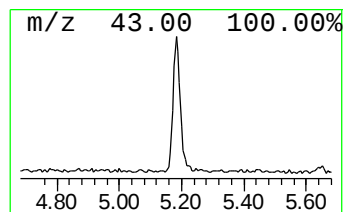
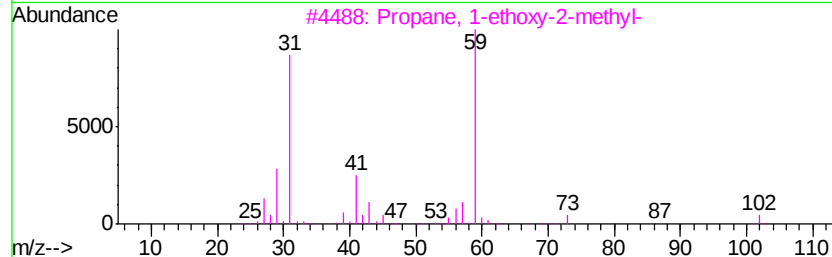
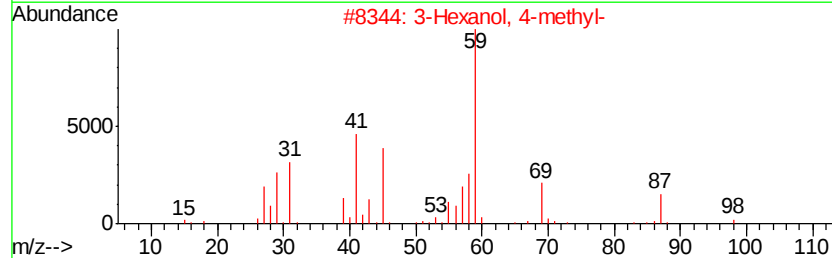
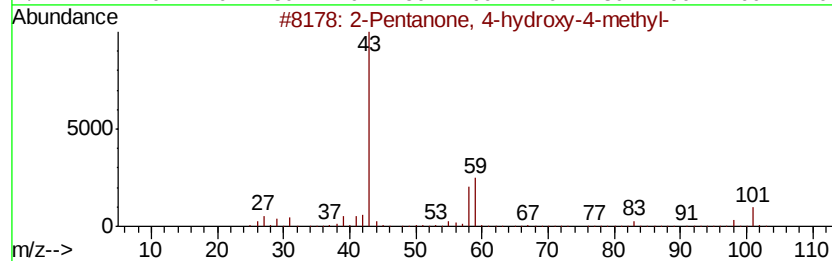
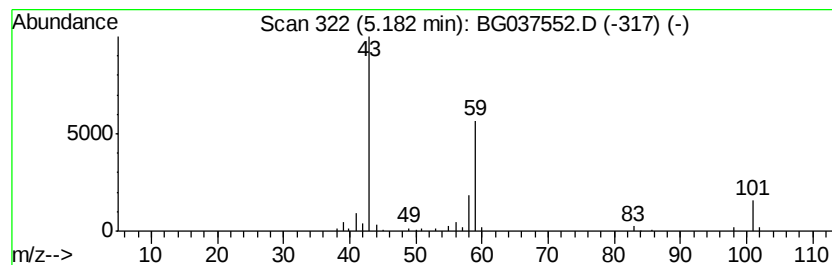
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	5.09 ng	89376	1,4-Dichlorobenzene-d4	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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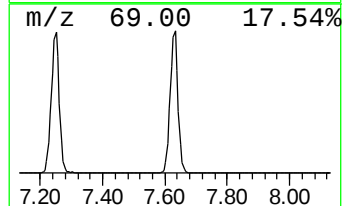
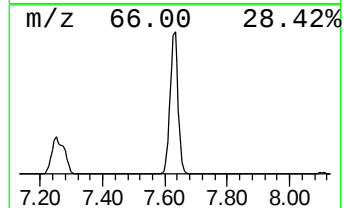
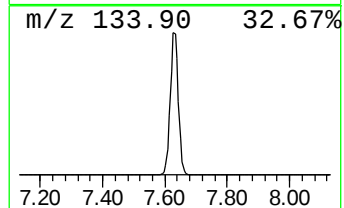
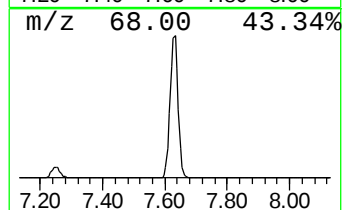
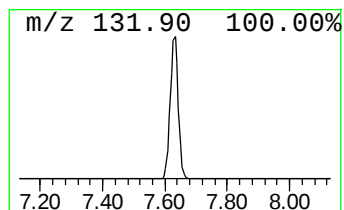
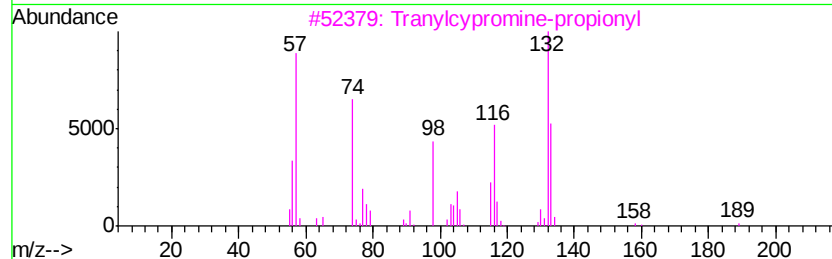
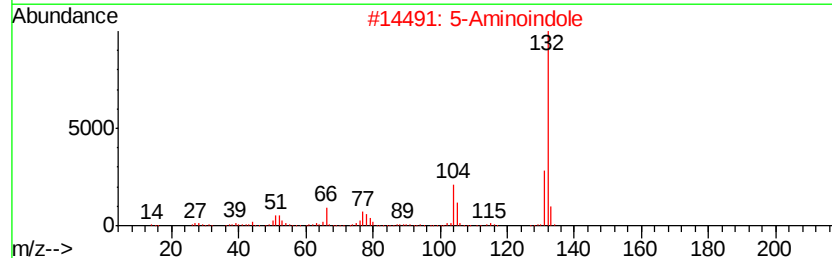
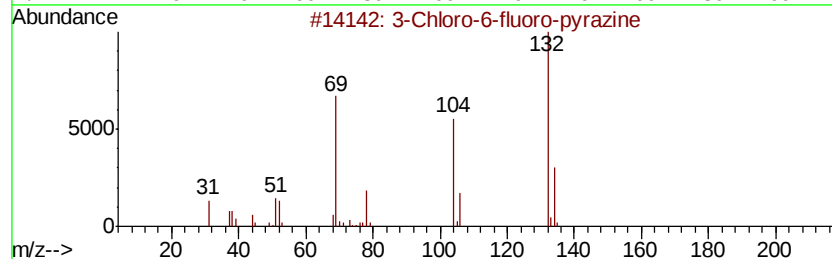
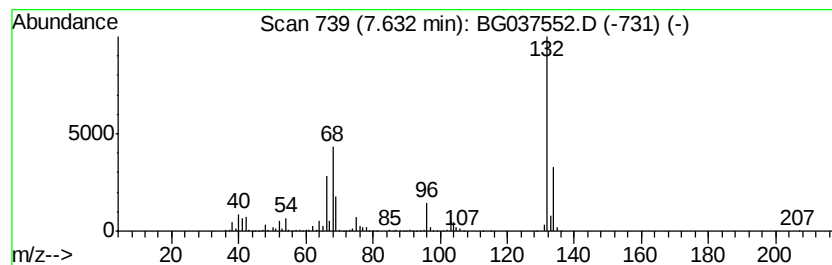
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Peak Number 3 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	116.99 ng	2054190	1,4-Dichlorobenzene-d4	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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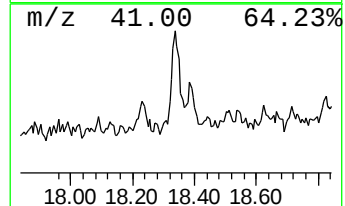
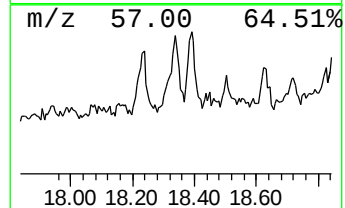
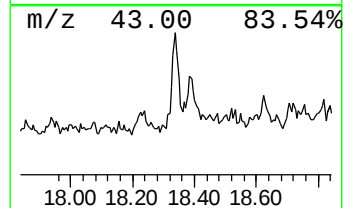
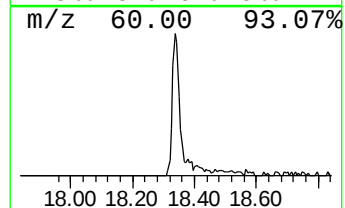
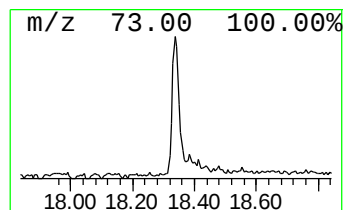
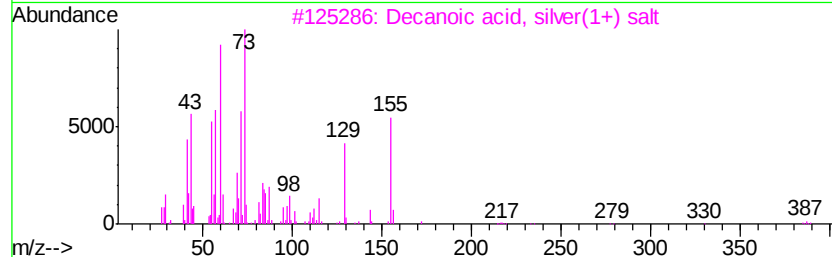
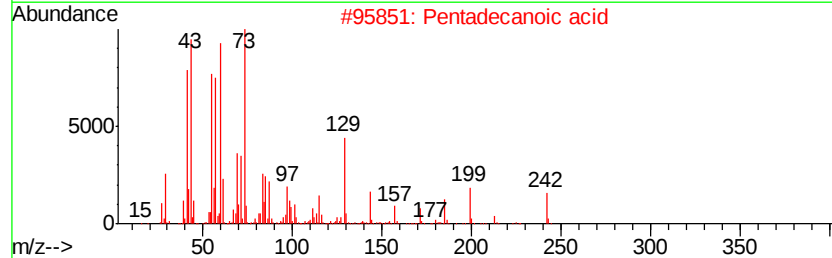
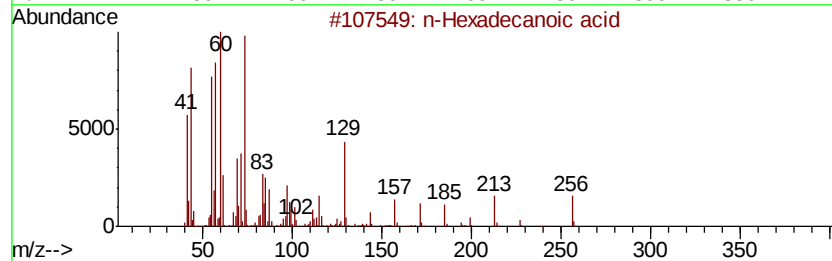
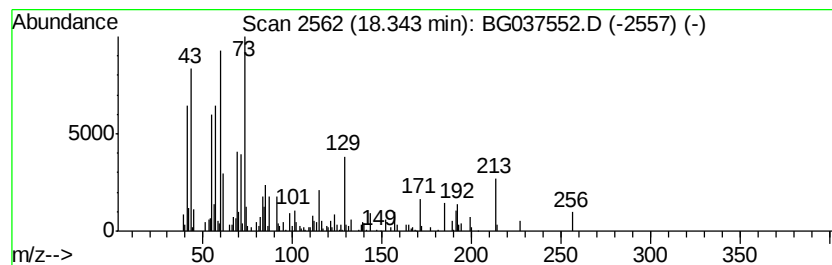
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.32 ng	174878	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	68
4		Dodecanoic acid	200	C12H24O2	000143-07-7	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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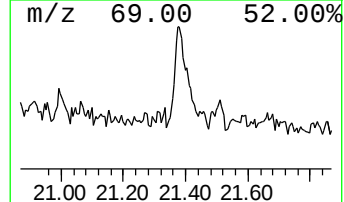
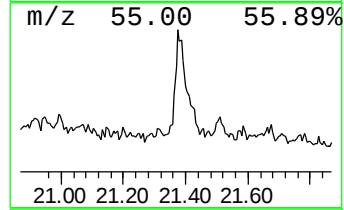
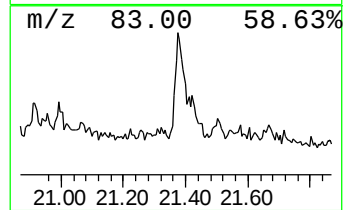
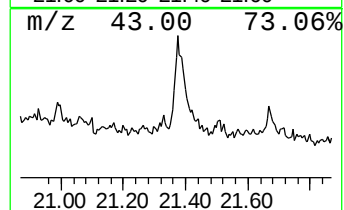
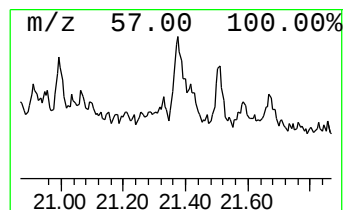
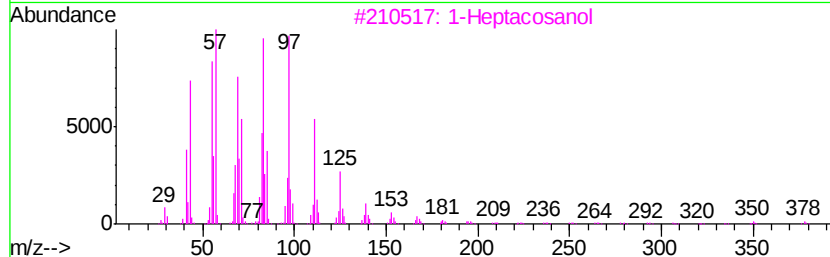
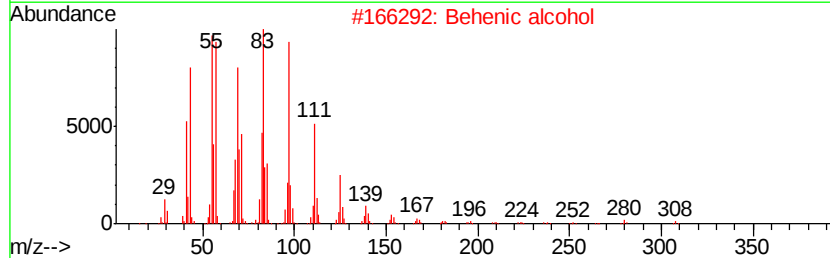
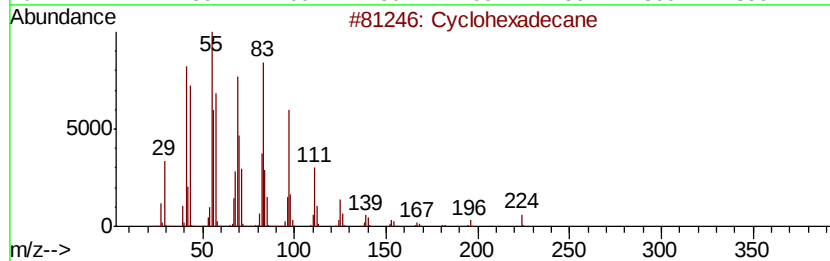
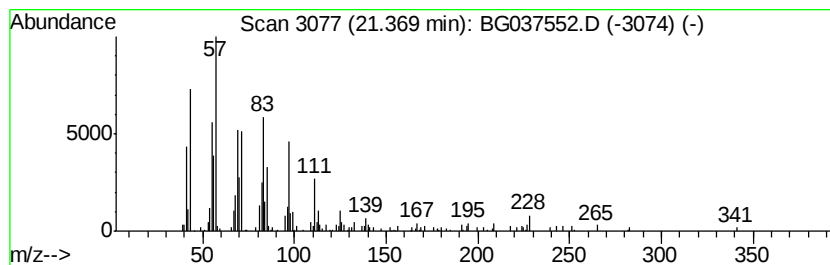
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Peak Number 6 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.76 ng	245639	Chrysene-d12	21.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	97
2		Behenic alcohol	326	C22H46O	000661-19-8	90
3		1-Heptacosanol	396	C27H56O	002004-39-9	87
4		Octacosanol	410	C28H58O	000557-61-9	87
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102518\
Data File : BG037552.D
Acq On : 25 Oct 2018 19:37
Operator : JU/SJ
Sample : J5639-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.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
(S)-(+)-1,2-Propa...	3.77	4.5	ng	78386	1	8.10	351168	20.0
2-Pentanone, 4-hy...	5.18	5.1	ng	89376	1	8.10	351168	20.0
unknown7.63	7.63	117.0	ng	2054190	1	8.10	351168	20.0
n-Hexadecanoic acid	18.34	3.3	ng	174878	4	17.49	1052960	20.0
Cyclohexadecane	21.37	4.8	ng	245639	5	21.76	1032570	20.0