

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
 Data File : BG055474.D
 Acq On : 5 Nov 2022 17:31
 Operator : CG/JU
 Sample : N5451-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LFR-SOIL-1103

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

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055474.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.646	226	231	241	rVB	18997	30213	1.76%	0.315%
2	5.268	330	337	347	rBV	167106	258556	15.03%	2.695%
3	5.756	413	420	437	rBV	503927	813782	47.30%	8.482%
4	7.384	689	697	713	rBV	493065	857080	49.82%	8.934%
5	8.230	834	841	852	rVB	97222	163976	9.53%	1.709%
6	8.999	966	972	980	rBV	19566	36392	2.12%	0.379%
7	9.405	1033	1041	1053	rBV	286037	497472	28.92%	5.185%
8	11.056	1315	1322	1330	rBV	136308	241347	14.03%	2.516%
9	13.471	1726	1733	1743	rBV	797417	1184336	68.84%	12.345%
10	14.845	1959	1967	1976	rBV	235595	349138	20.29%	3.639%
11	16.326	2213	2219	2230	rBV	718558	1096870	63.76%	11.433%
12	17.578	2426	2432	2438	rBV	294447	435242	25.30%	4.537%
13	18.447	2574	2580	2585	rBV6	8320	19347	1.12%	0.202%
14	19.616	2773	2779	2784	rBV	20385	29202	1.70%	0.304%
15	19.693	2787	2792	2801	rBV7	18206	54287	3.16%	0.566%
16	19.934	2830	2833	2836	rBV3	16956	19482	1.13%	0.203%
17	19.975	2836	2840	2847	rVB	19414	27013	1.57%	0.282%
18	20.151	2865	2870	2876	rBV	1337742	1720368	100.00%	17.932%
19	20.421	2913	2916	2921	rBV	20020	25304	1.47%	0.264%
20	20.791	2976	2979	2991	rVB	16854	38024	2.21%	0.396%
21	20.921	2997	3001	3004	rBV	25625	33072	1.92%	0.345%
22	21.444	3085	3090	3091	rBV2	39142	57586	3.35%	0.600%
23	21.690	3127	3132	3138	rBV	156540	213442	12.41%	2.225%
24	21.849	3152	3159	3165	rBV2	313463	536171	31.17%	5.589%
25	21.996	3180	3184	3188	rVB2	22641	30672	1.78%	0.320%
26	22.619	3286	3290	3294	rBV2	29438	44643	2.59%	0.465%
27	24.164	3544	3553	3570	rBV2	65116	180827	10.51%	1.885%
28	25.216	3724	3732	3744	rVB2	175276	525379	30.54%	5.476%
29	26.320	3915	3920	3929	rVB3	27853	74618	4.34%	0.778%

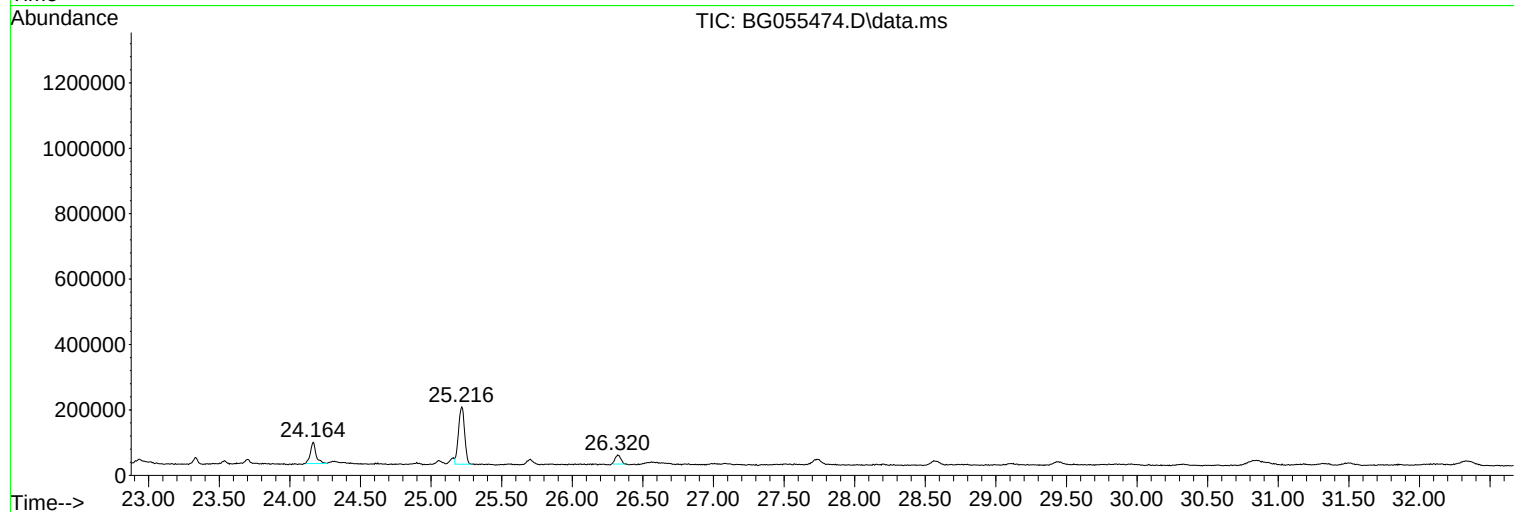
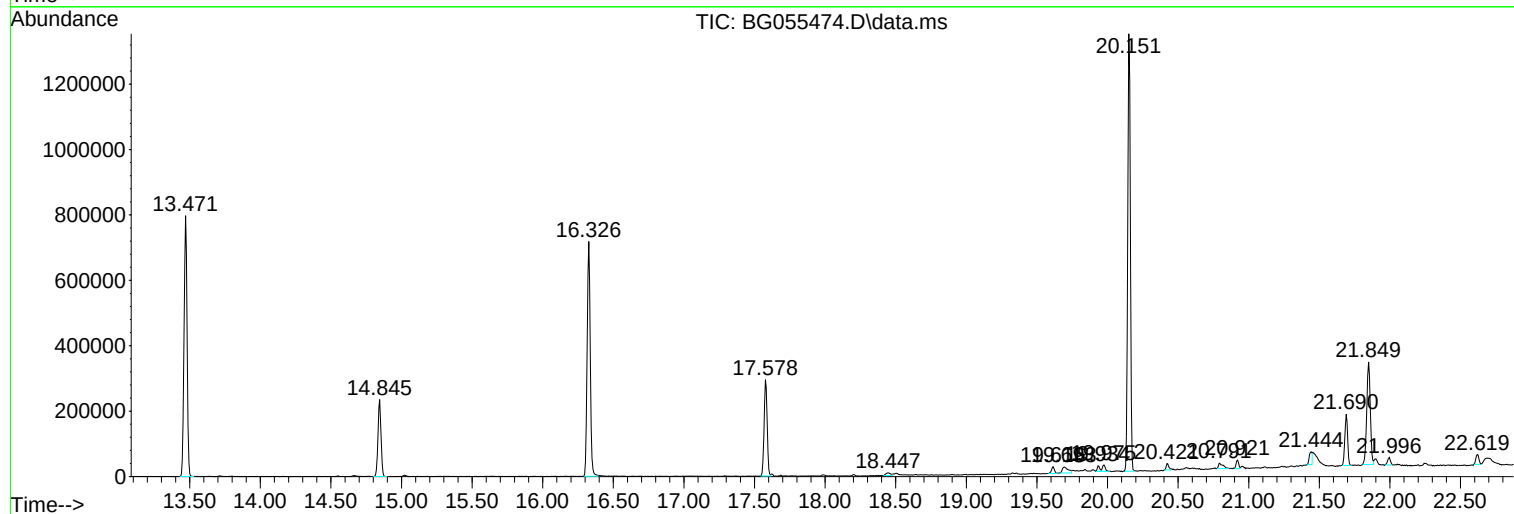
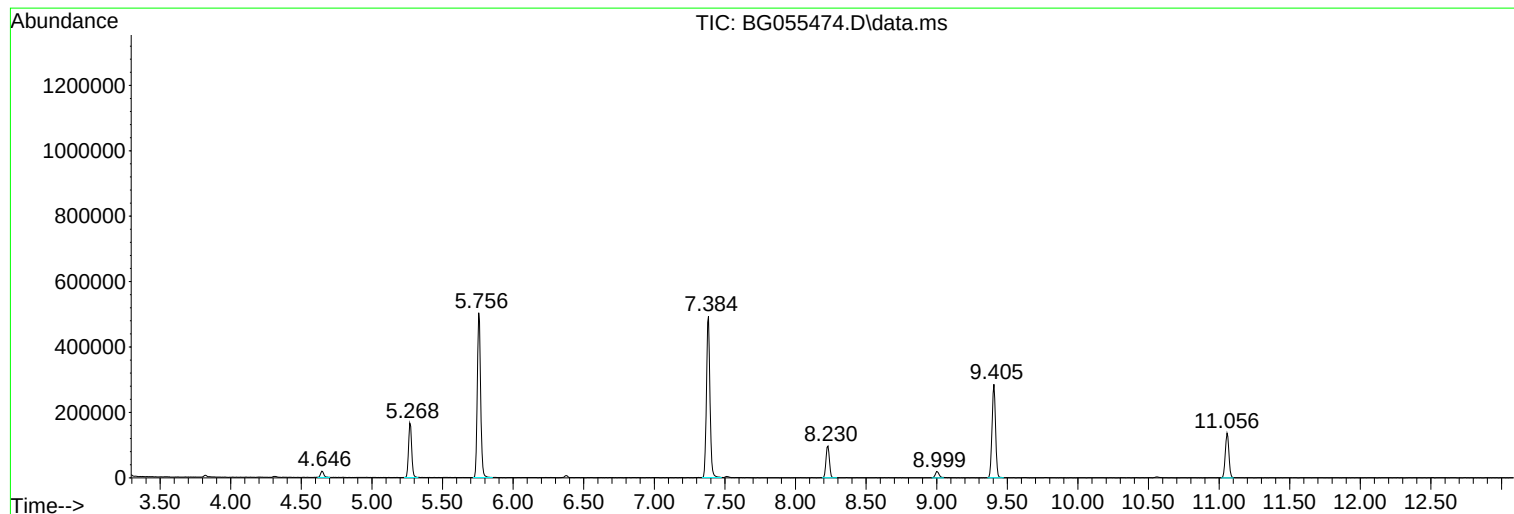
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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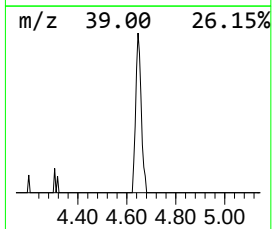
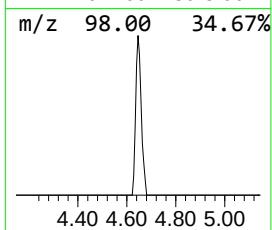
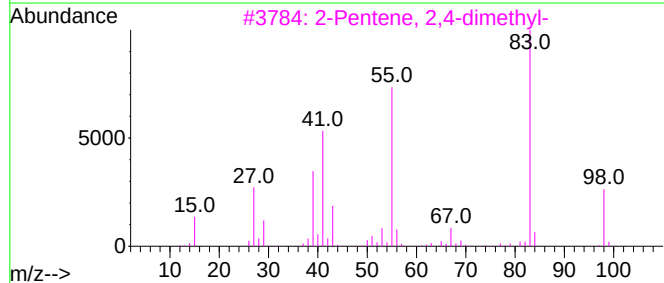
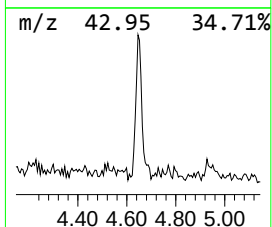
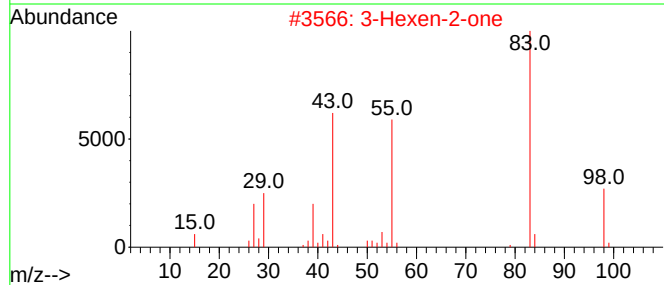
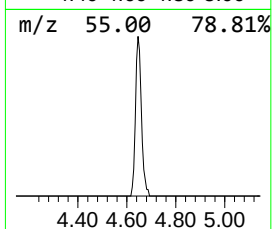
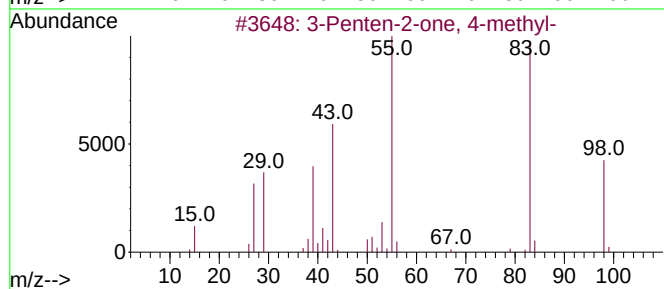
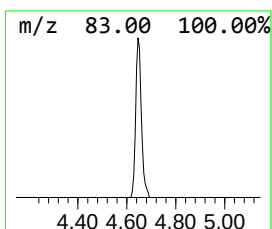
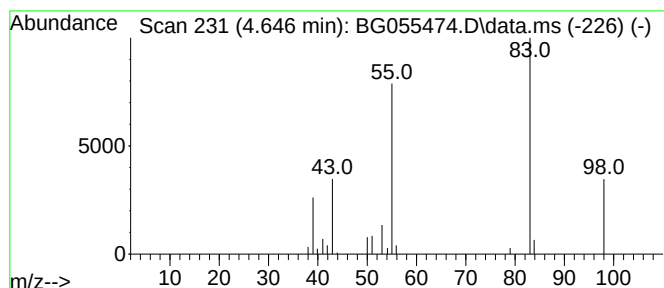
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.646	3.69 ng	30213	1,4-Dichlorobenzene-d4	8.230

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	90
3		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80
5		2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	80



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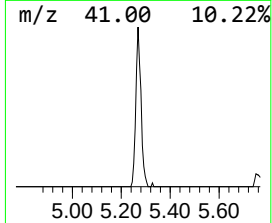
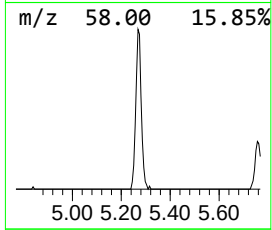
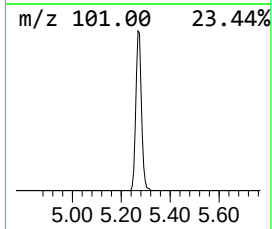
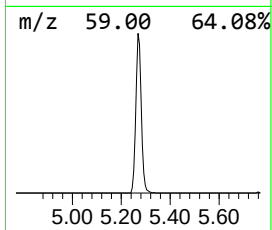
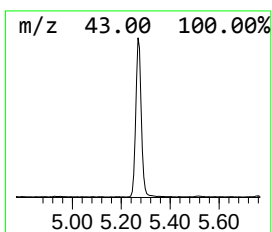
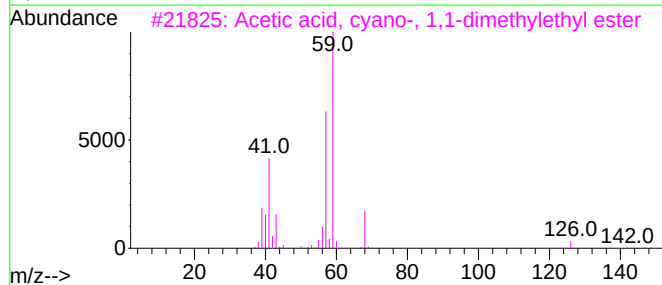
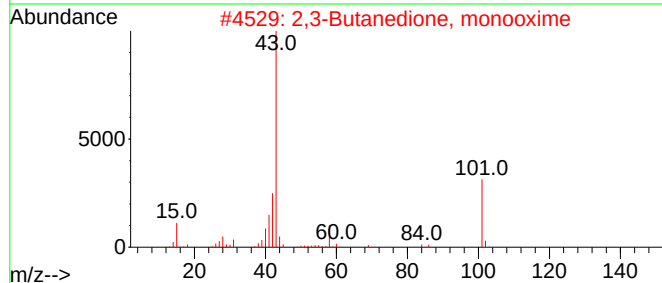
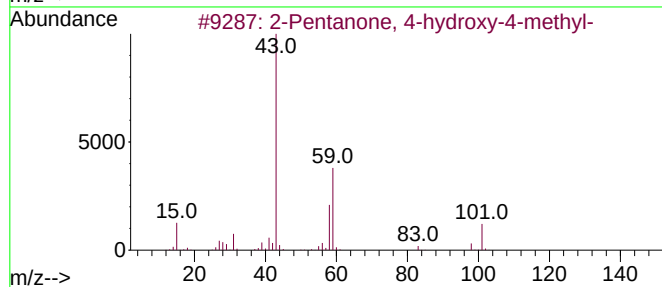
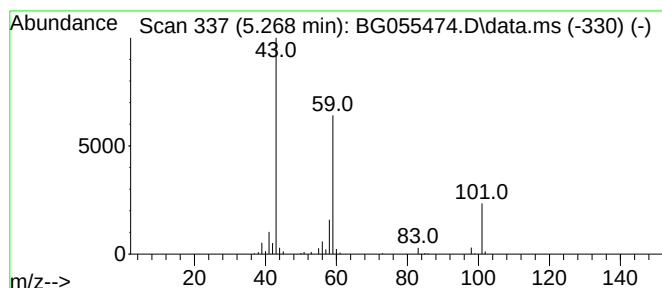
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.268	31.54 ng	258556	1,4-Dichlorobenzene-d4			8.230
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...		141	C7H11NO2	001116-98-9	23
4	Acetone		58	C3H6O	000067-64-1	10
5	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	10



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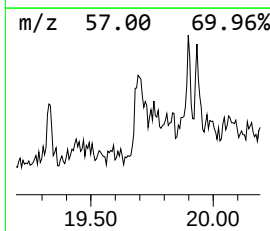
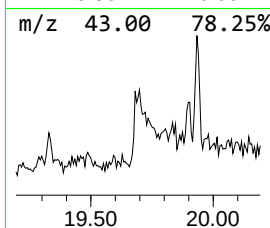
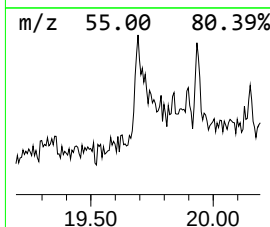
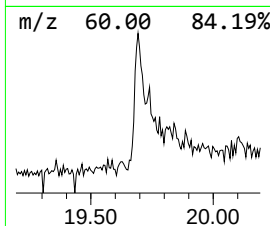
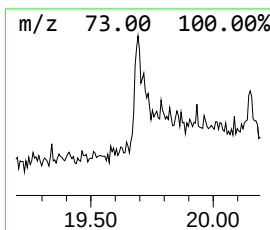
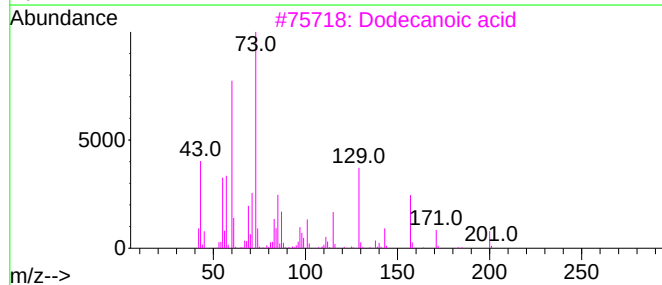
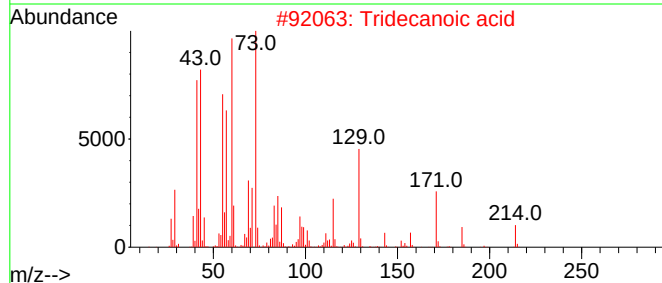
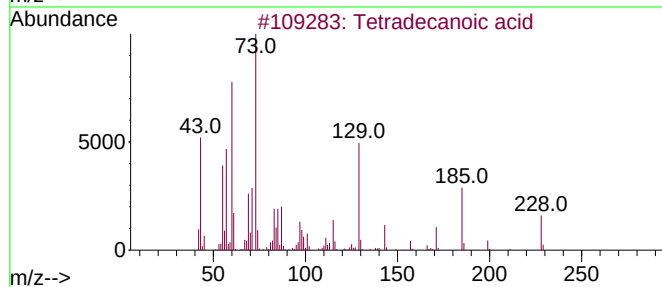
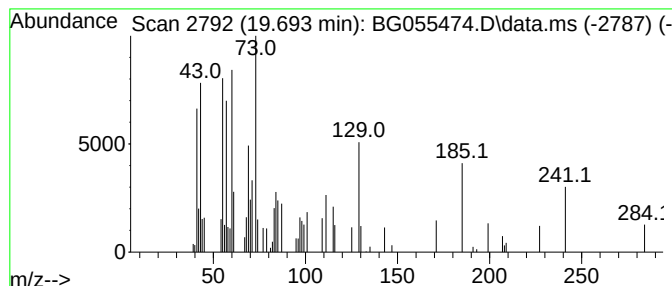
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.693	2.49 ng	54287	Phenanthrene-d10	17.578

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
2			Tridecanoic acid	214	C13H26O2	000638-53-9	52
3			Dodecanoic acid	200	C12H24O2	000143-07-7	52
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	46



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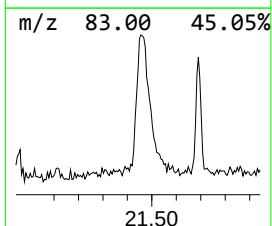
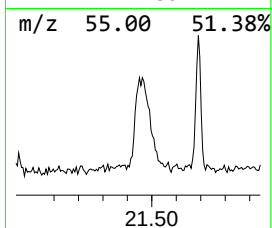
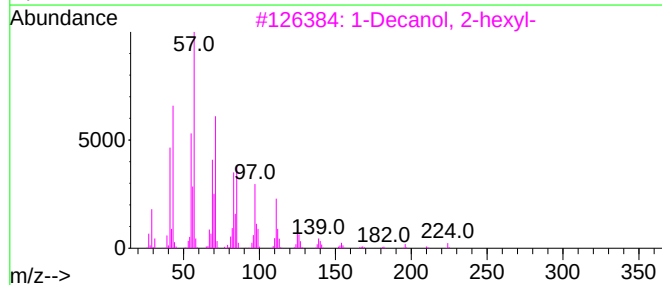
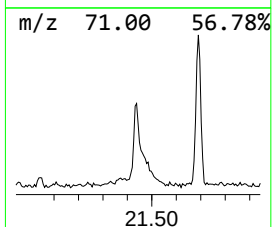
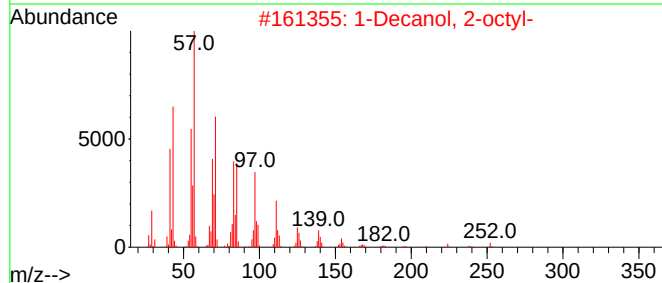
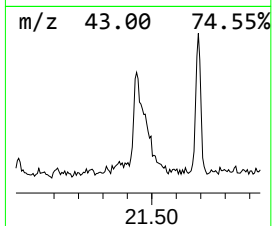
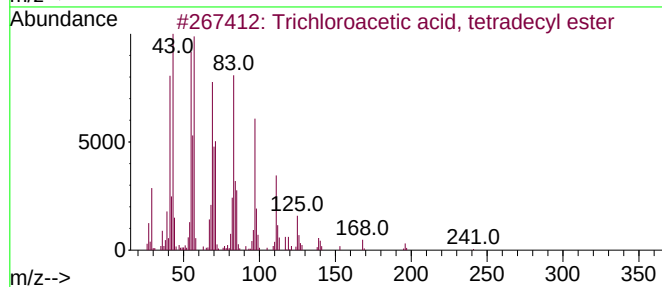
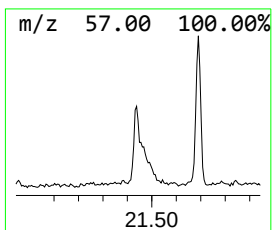
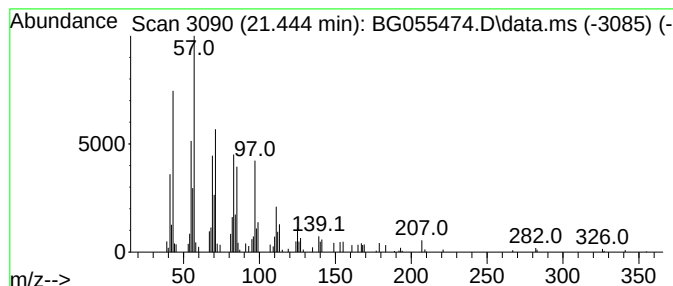
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Trichloroacetic acid, tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.444	2.15 ng	57586	Chrysene-d12	21.849

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	92
2			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
3			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
4			Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	90
5			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	87



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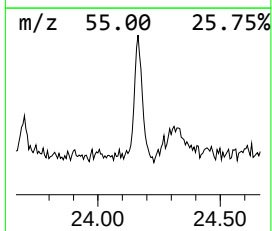
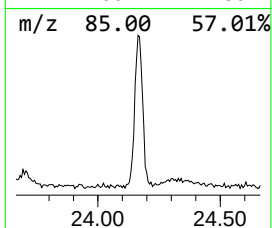
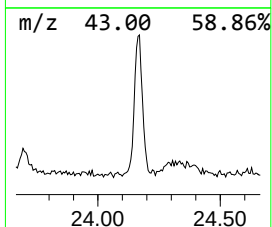
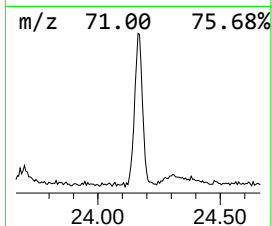
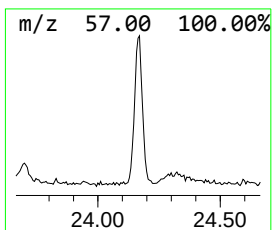
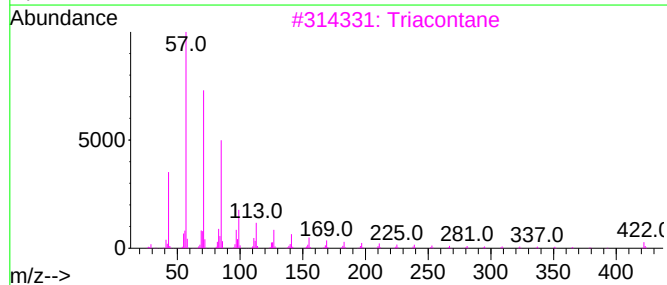
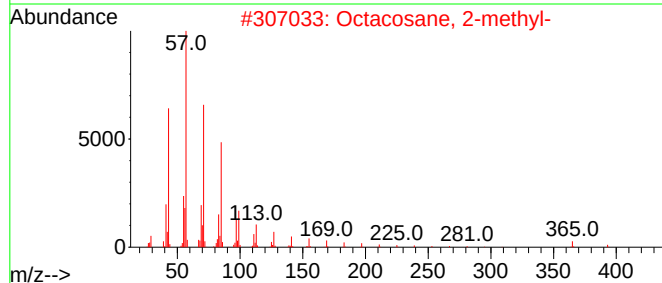
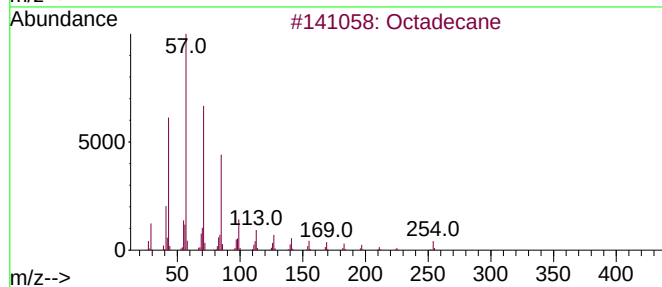
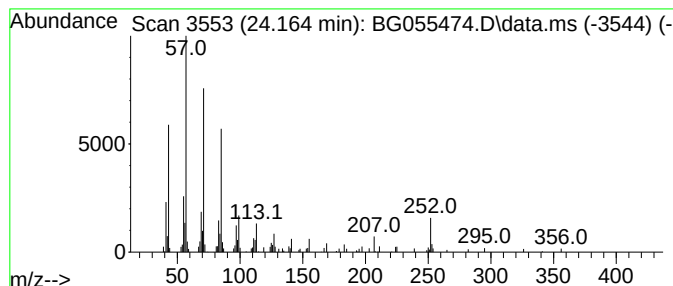
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.164	6.88 ng	180827	Perylene-d12	25.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	96
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
3			Triacontane	422	C30H62	000638-68-6	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	90



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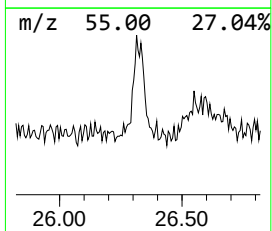
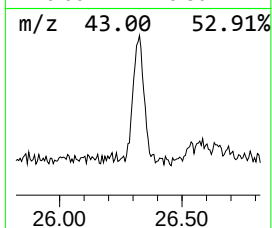
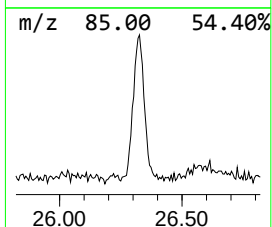
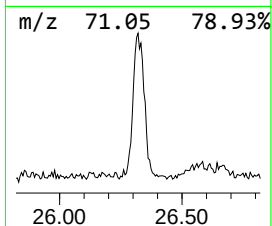
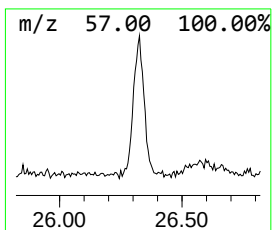
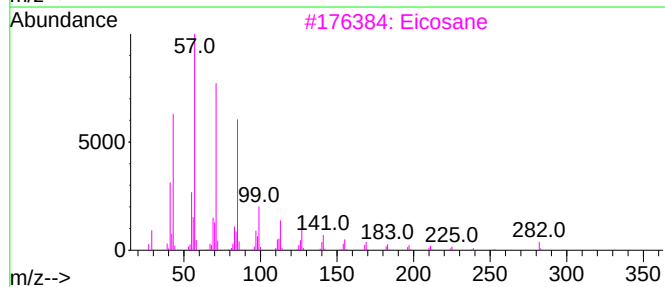
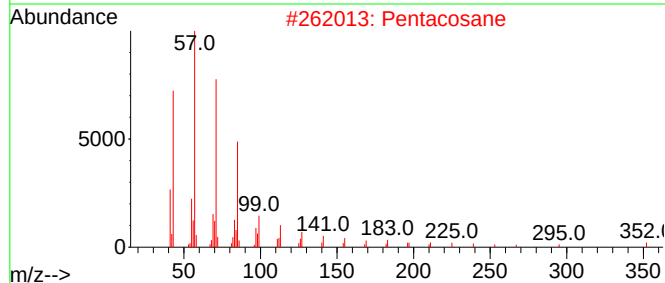
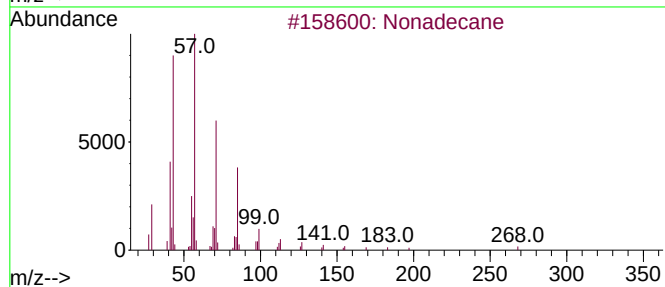
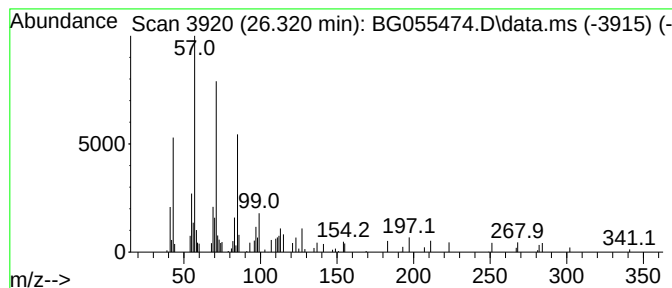
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.320	2.84 ng	74618	Perylene-d12	25.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Pentacosane	352	C25H52	000629-99-2	90
3			Eicosane	282	C20H42	000112-95-8	90
4			Heptacosane	380	C27H56	000593-49-7	87
5			Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055474.D
Acq On : 5 Nov 2022 17:31
Operator : CG/JU
Sample : N5451-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LFR-SOIL-1103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one,...	4.646	3.7	ng	30213	1	8.230	163976	20.0
2-Pentanone, 4-...	5.268	31.5	ng	258556	1	8.230	163976	20.0
Tetradecanoic acid	19.693	2.5	ng	54287	4	17.578	435242	20.0
Trichloroacetic...	21.444	2.1	ng	57586	5	21.849	536171	20.0
Octadecane	24.164	6.9	ng	180827	6	25.216	525379	20.0
Nonadecane	26.320	2.8	ng	74618	6	25.216	525379	20.0