

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060086.D
 Acq On : 19 Dec 2023 15:26
 Operator : MA/JU
 Sample : 05884-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP-3

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-BG121323.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.132	3	7	15	rVB	63941	107350	1.28%	0.374%
2	5.523	407	414	425	rBV	1189665	1794748	21.45%	6.260%
3	7.110	676	684	693	rBV	1047609	1796027	21.47%	6.264%
4	7.950	821	827	834	rBV	187398	312047	3.73%	1.088%
5	9.113	1017	1025	1032	rVB	670015	1148555	13.73%	4.006%
6	10.758	1296	1305	1312	rBV2	251378	446595	5.34%	1.558%
7	13.214	1715	1723	1730	rBV	2495141	3642511	43.54%	12.705%
8	14.589	1951	1957	1965	rVB	518582	790751	9.45%	2.758%
9	16.082	2203	2211	2217	rBV	2922607	4316745	51.60%	15.056%
10	17.339	2419	2425	2434	rVB	803830	1221631	14.60%	4.261%
11	18.232	2572	2577	2583	rBV2	142688	208098	2.49%	0.726%
12	19.965	2865	2872	2877	rBV	6290447	8366591	100.00%	29.182%
13	20.717	2996	3000	3005	rBV	450975	521502	6.23%	1.819%
14	21.258	3089	3092	3099	rVB2	106645	157371	1.88%	0.549%
15	21.610	3146	3152	3161	rVB	908788	1522372	18.20%	5.310%
16	22.380	3279	3283	3287	rBV4	110171	164617	1.97%	0.574%
17	23.250	3426	3431	3438	rVB4	139040	275759	3.30%	0.962%
18	24.296	3603	3609	3617	rVB6	162381	415800	4.97%	1.450%
19	24.801	3687	3695	3709	rVB	495856	1461535	17.47%	5.098%

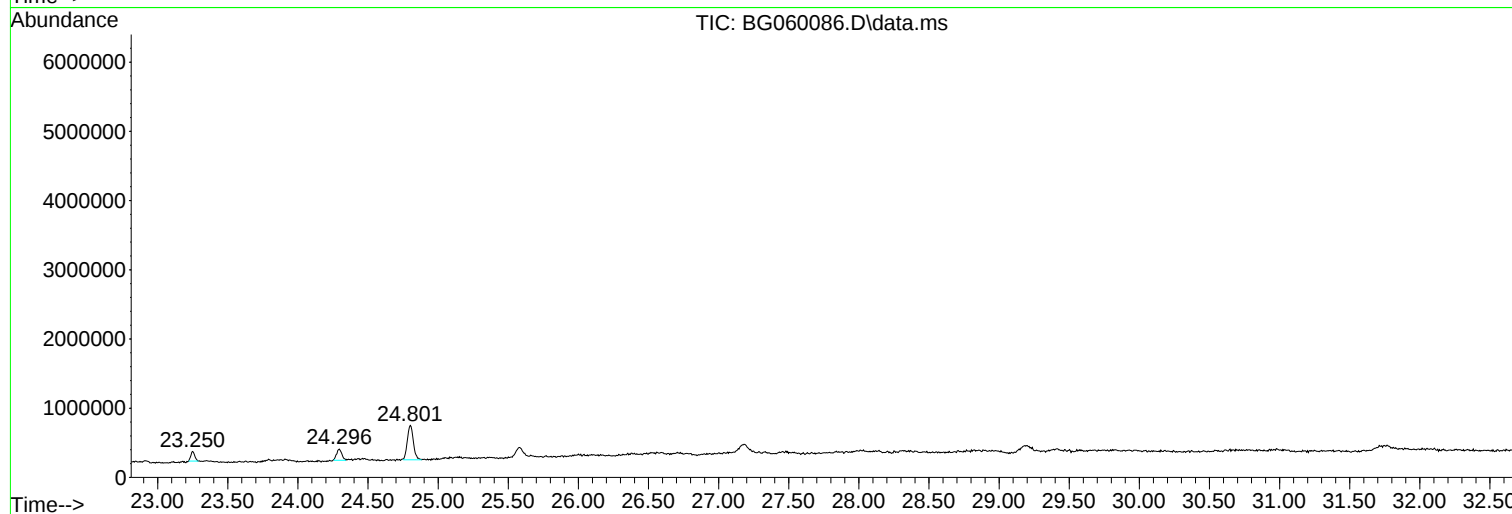
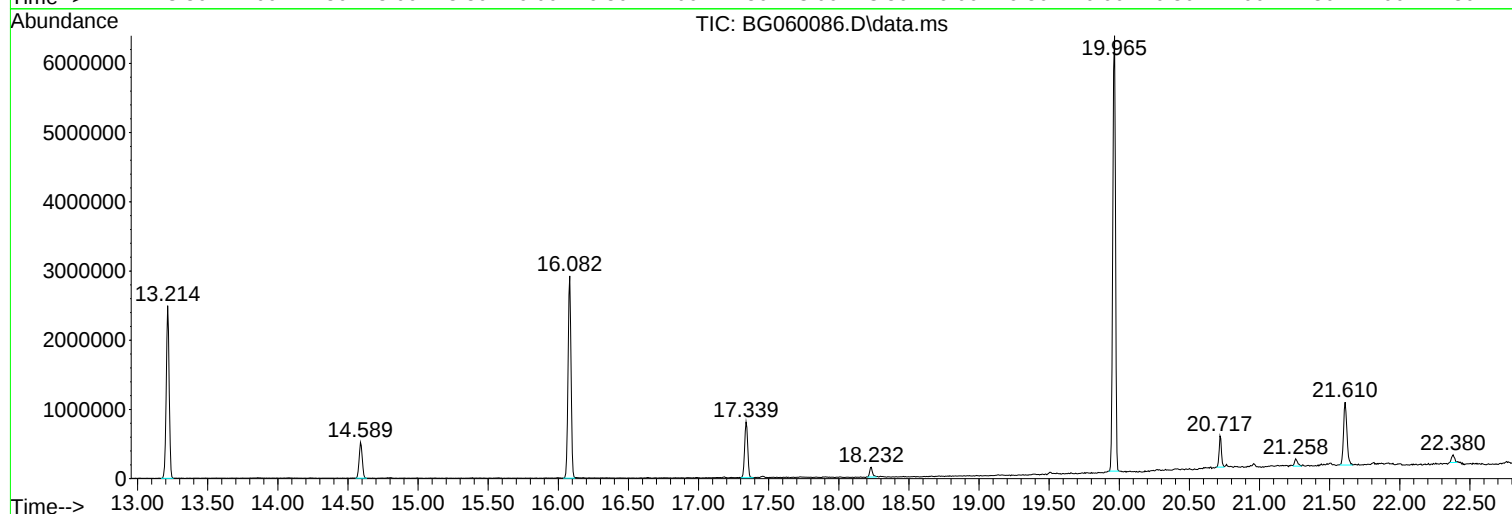
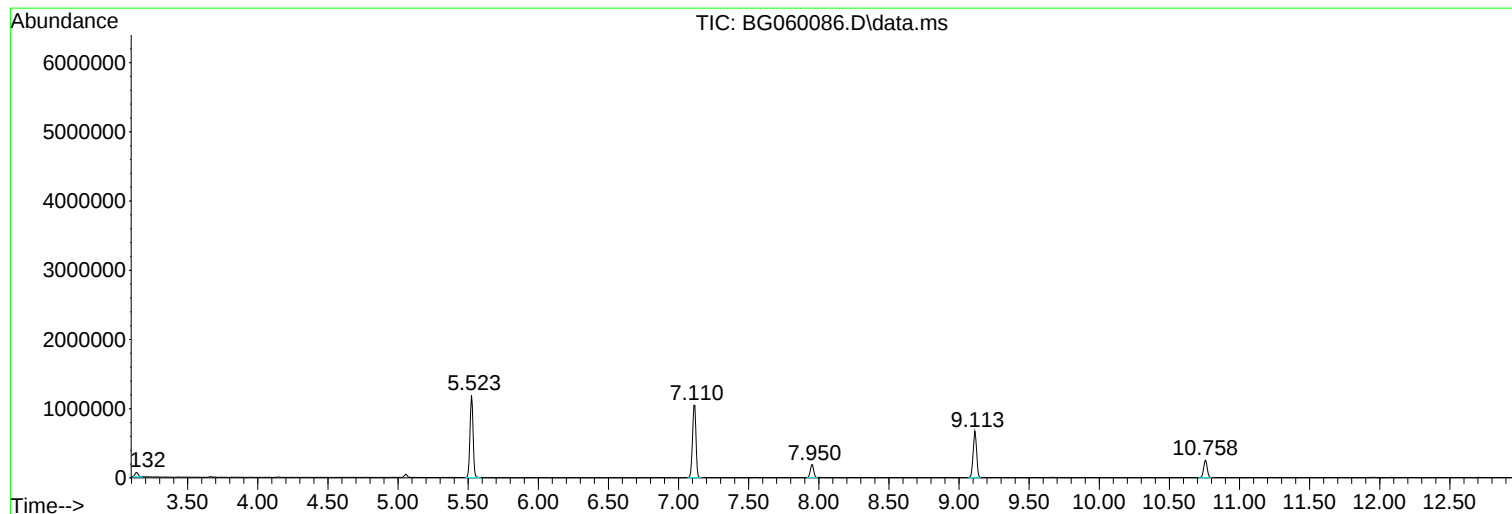
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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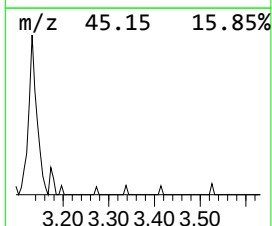
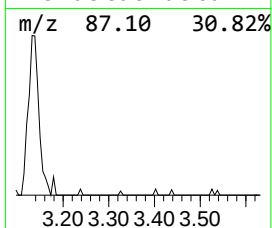
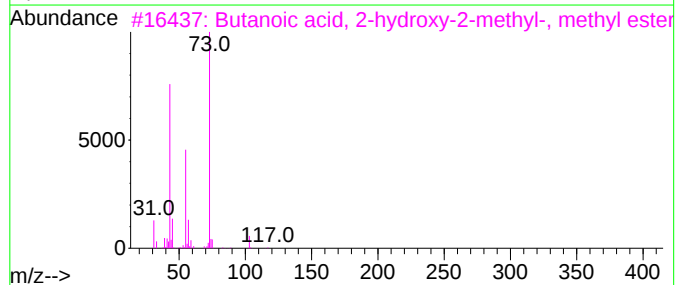
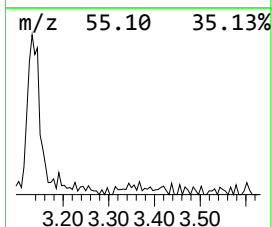
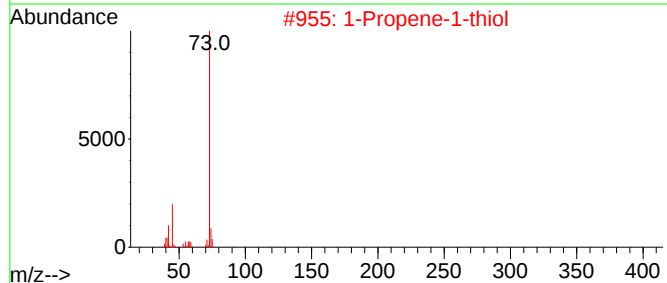
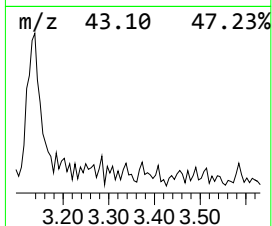
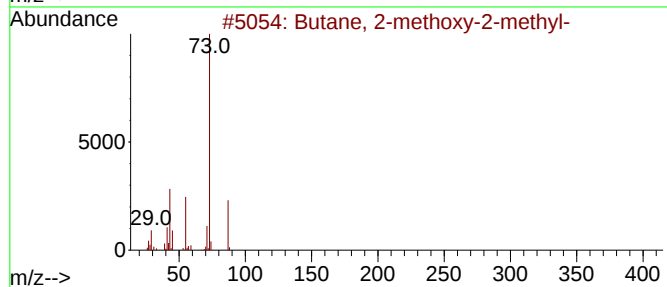
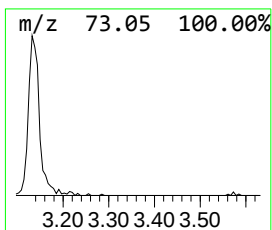
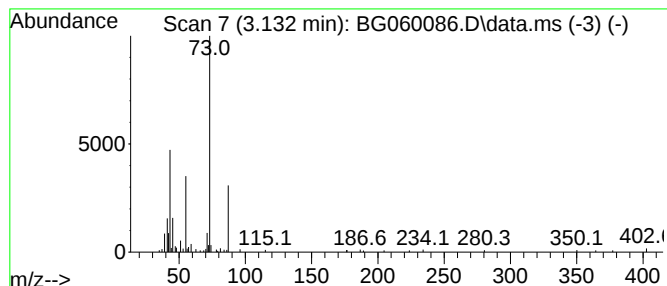
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.132	6.88 ng	107350	1,4-Dichlorobenzene-d4	7.950

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2			1-Propene-1-thiol	74	C3H6S	000925-89-3	23
3			Butanoic acid, 2-hydroxy-2-methyl...	132	C6H12O3	032793-34-3	16
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	12
5			Silane, trimethyl(2-phenyl-1-cyc...	188	C12H16Si	102934-82-7	12



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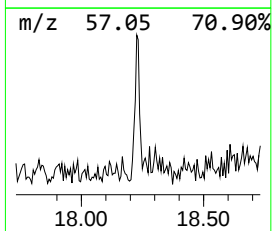
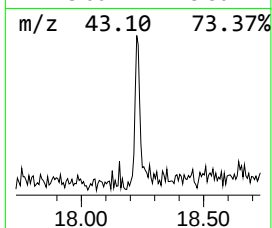
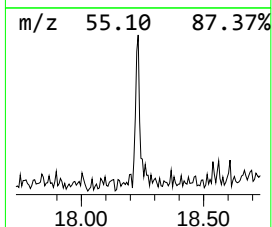
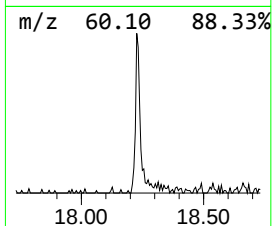
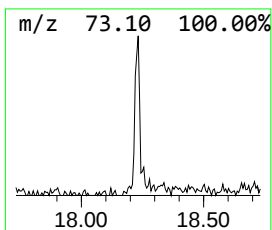
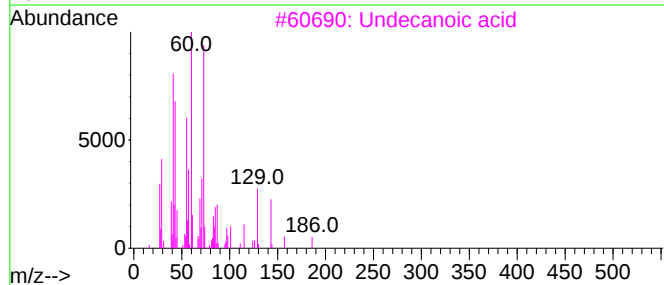
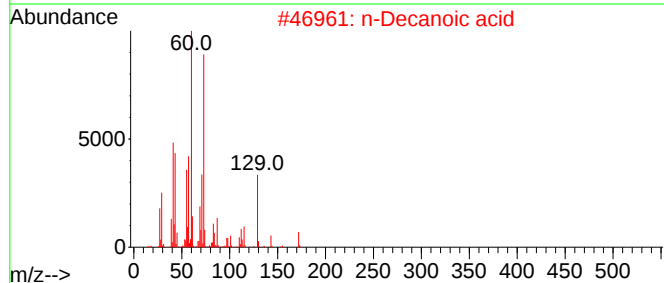
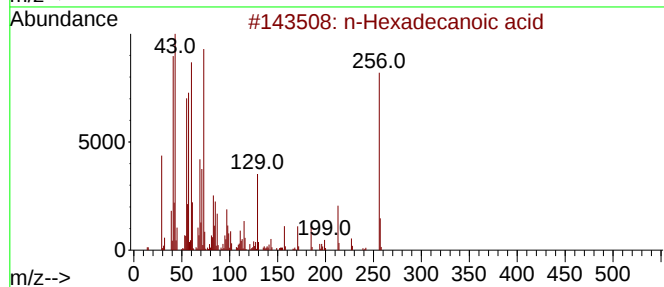
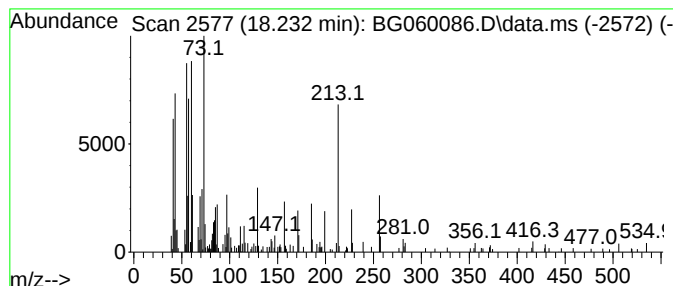
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TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.232	3.41 ng	208098	Phenanthrene-d10	17.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
2			n-Decanoic acid	172	C10H20O2	000334-48-5	46
3			Undecanoic acid	186	C11H22O2	000112-37-8	41
4			Tridecanoic acid	214	C13H26O2	000638-53-9	38
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	38



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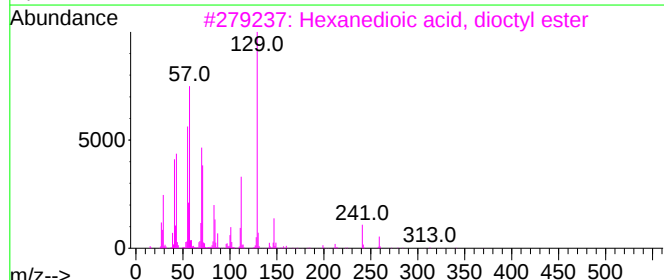
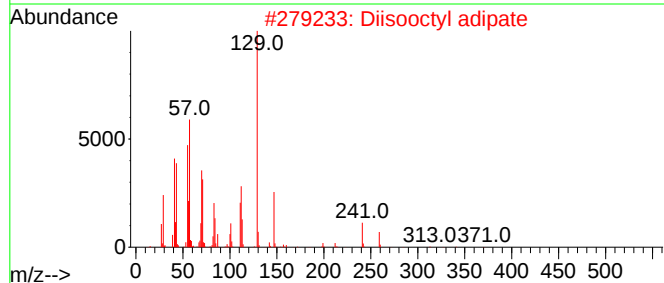
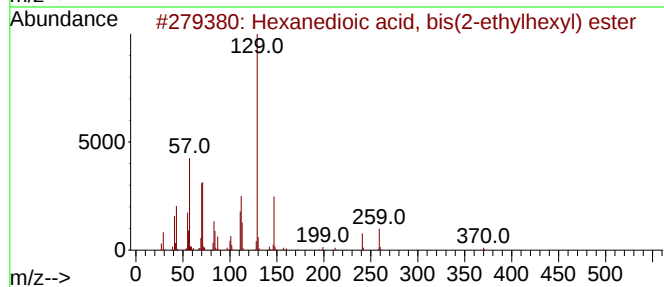
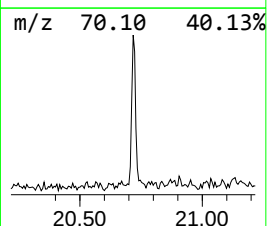
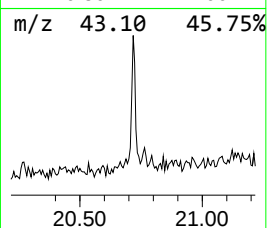
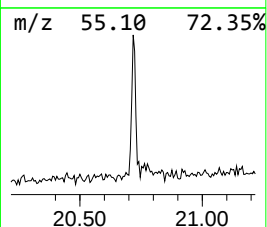
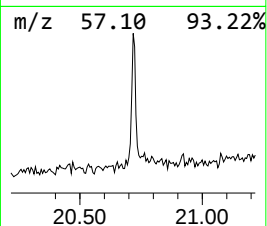
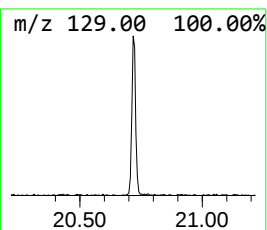
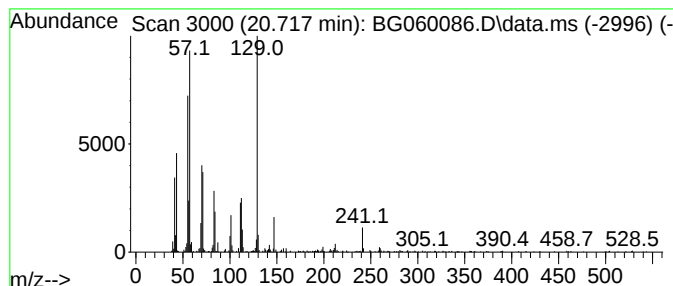
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Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.717	6.85 ng	521502	Chrysene-d12	21.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
2			Diisooctyl adipate	370	C22H42O4	001330-86-5	64
3			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	62
4			Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	50
5			Adipic acid, 3-heptyl octyl ester	356	C21H40O4	1000353-65-3	47



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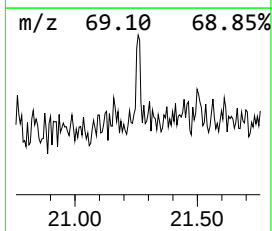
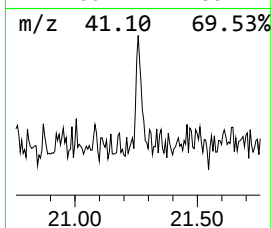
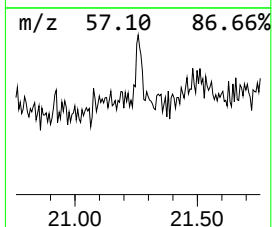
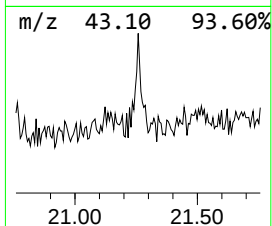
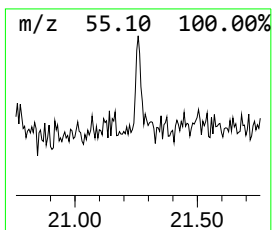
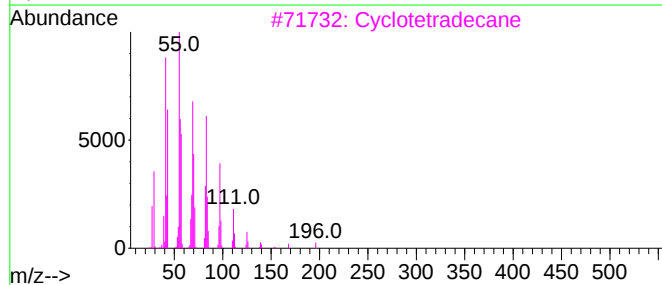
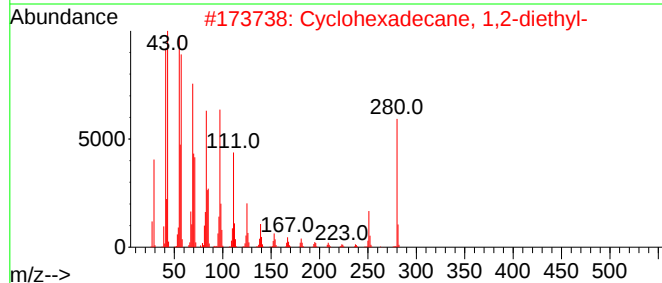
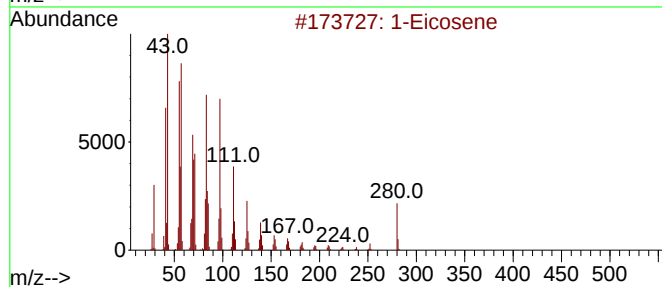
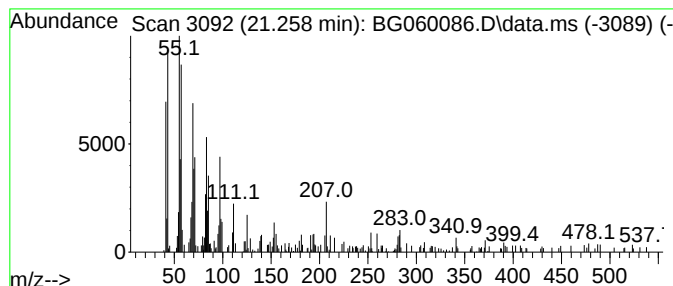
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Peak Number 4 1-Eicosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.258	2.07 ng	157371	Chrysene-d12	21.610

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Eicosene	280	C20H40	003452-07-1	91
2		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
3		Cyclotetradecane	196	C14H28	000295-17-0	90
4		Cyclooctacosane	392	C28H56	000297-24-5	90
5		E-14-Hexadecenal	238	C16H30O	330207-53-9	90



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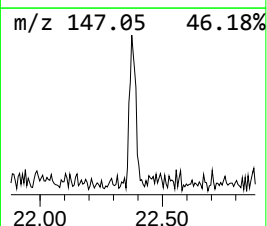
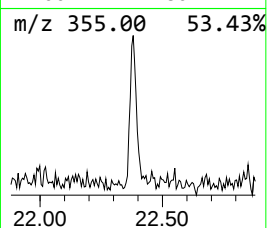
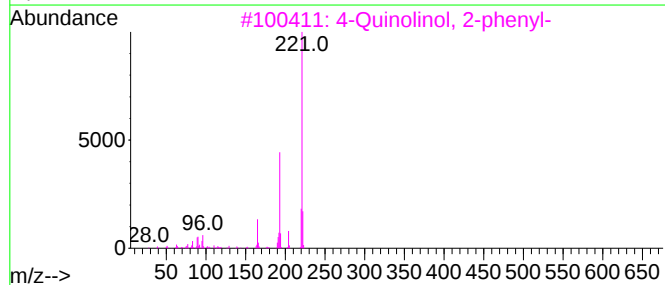
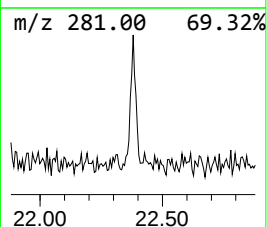
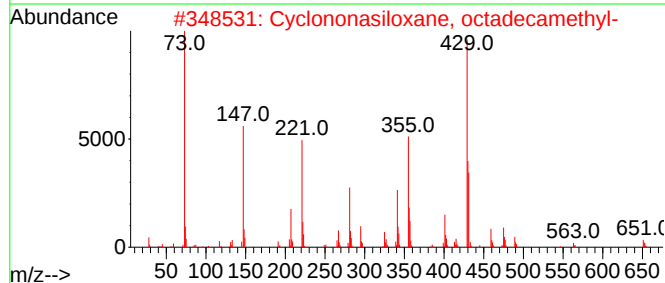
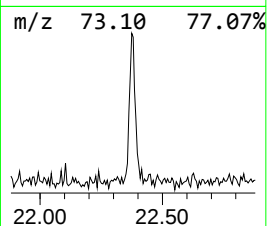
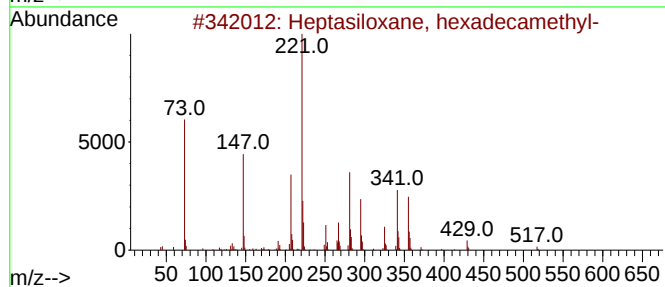
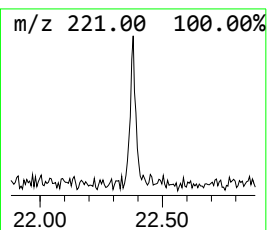
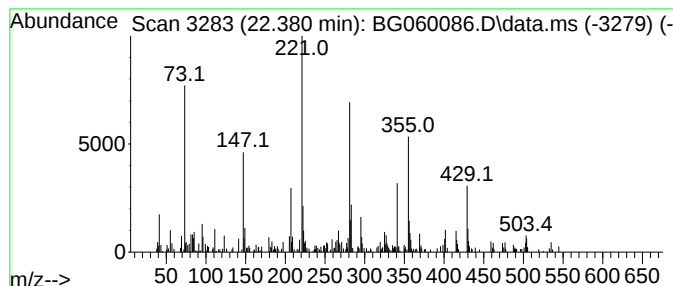
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Peak Number 5 unknown22.380 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.380	2.16 ng	164617	Chrysene-d12	21.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	49
2			Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	32
3			4-Quinolinol, 2-phenyl-	221	C15H11NO	001144-20-3	22
4			Benzo[h]quinoline, 2,3,4-trimethyl-	221	C16H15N	063042-66-0	22
5			Pyrido[1,2-a]benzimidazole-4-car...	221	C14H11N3	016314-95-7	22



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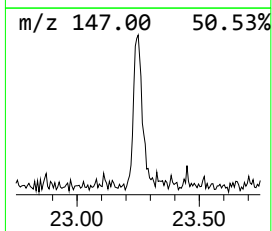
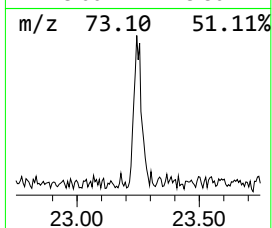
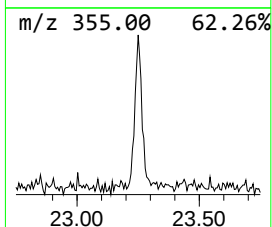
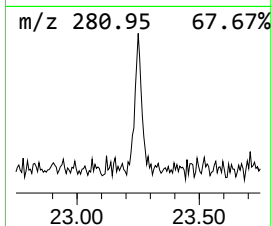
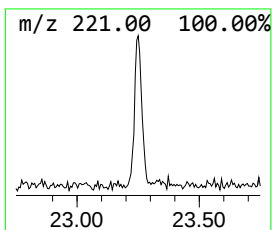
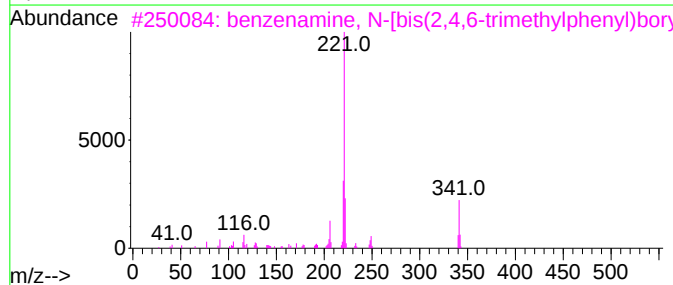
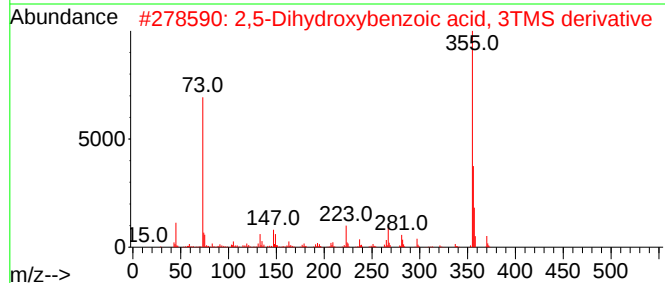
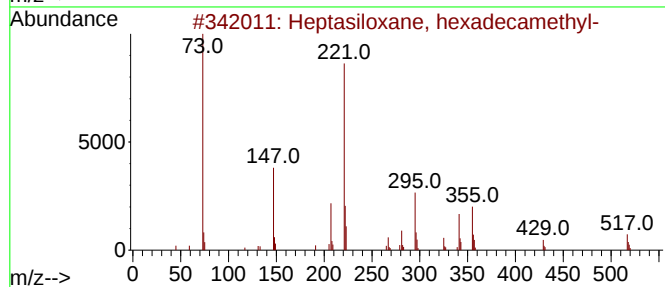
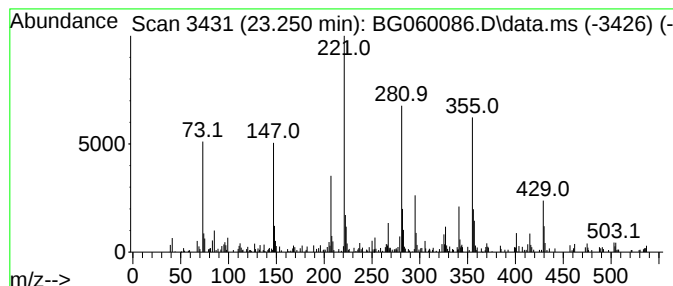
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown23.250 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.250	3.77 ng	275759	Perylene-d12	24.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	47
2			2,5-Dihydroxybenzoic acid, 3TMS ...	370	C16H30O4Si3	003618-20-0	25
3			benzenamine, N-[bis(2,4,6-trimet...	341	C24H28BN	1000398-20-2	25
4			3-(4-N,N-Dimethylaminophenyl)pro...	355	C17H26NO5P	066564-08-7	25
5			Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060086.D
Acq On : 19 Dec 2023 15:26
Operator : MA/JU
Sample : 05884-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-3

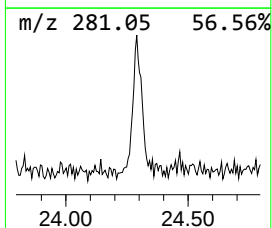
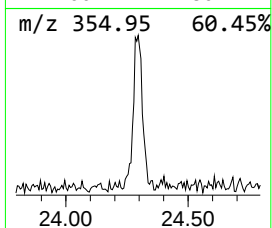
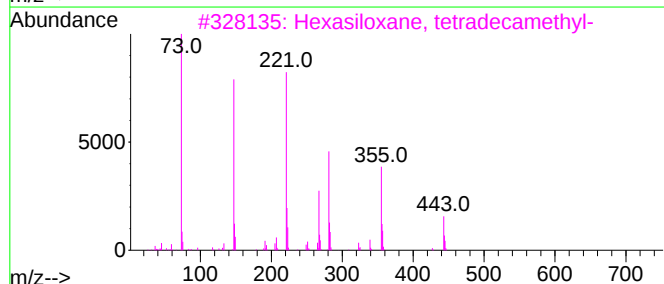
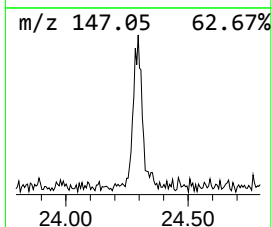
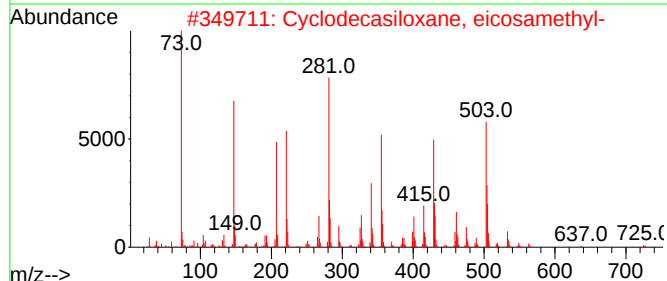
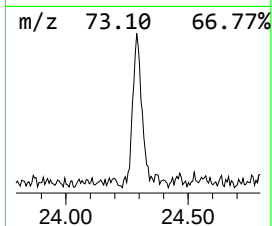
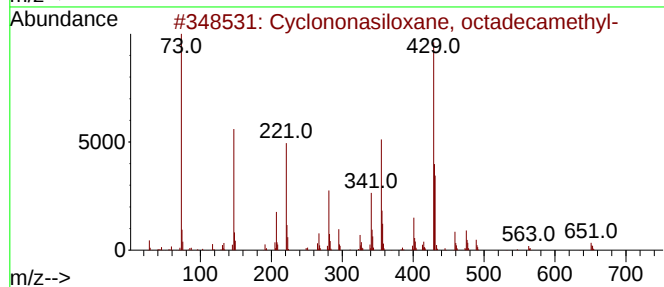
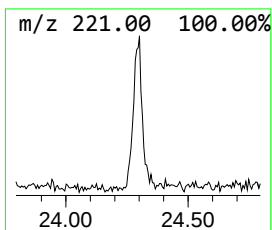
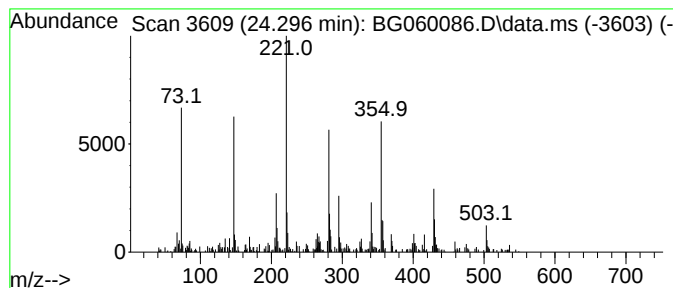
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclononasiloxane, octadeca... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.296	5.69 ng	415800	Perylene-d12	24.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	53
2			Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	38
3			Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	27
4			Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	15
5			2-Methyl-6-tert-butylphenol, TBD...	278	C17H30O5Si	1000467-05-0	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060086.D
Acq On : 19 Dec 2023 15:26
Operator : MA/JU
Sample : 05884-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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
Butane, 2-metho...	3.132	6.9	ng	107350	1	7.950	312047	20.0
n-Hexadecanoic ...	18.232	3.4	ng	208098	4	17.339	1221630	20.0
Hexanedioic aci...	20.717	6.8	ng	521502	5	21.610	1522370	20.0
1-Eicosene	21.258	2.1	ng	157371	5	21.610	1522370	20.0
unknown22.380	22.380	2.2	ng	164617	5	21.610	1522370	20.0
unknown23.250	23.250	3.8	ng	275759	6	24.801	1461540	20.0
Cyclononasiloxa...	24.296	5.7	ng	415800	6	24.801	1461540	20.0