

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
 Data File : BG061081.D
 Acq On : 1 May 2024 18:10
 Operator : MA/JU
 Sample : P2330-03 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-1(0.5-1.5)

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-BG043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	11	15	23	rVV8	3343	7914	1.00%	0.135%
2	3.164	23	30	35	rVB5	12738	24711	3.13%	0.423%
3	3.675	111	117	122	rBV3	5263	7986	1.01%	0.137%
4	5.526	425	432	444	rVB	212544	340831	43.11%	5.833%
5	7.106	694	701	709	rBV	236783	403052	50.98%	6.898%
6	7.934	836	842	851	rVB	124835	200310	25.34%	3.428%
7	9.086	1031	1038	1049	rVB	150434	258458	32.69%	4.423%
8	10.731	1309	1318	1326	rBV	149379	269125	34.04%	4.606%
9	13.181	1729	1735	1745	rBV	389014	577950	73.10%	9.891%
10	14.562	1964	1970	1978	rBV	231603	370302	46.84%	6.337%
11	14.633	1978	1982	1990	rVB6	5665	11517	1.46%	0.197%
12	14.774	2000	2006	2010	rBV6	7032	14669	1.86%	0.251%
13	16.049	2217	2223	2230	rBV	351815	525312	66.44%	8.990%
14	16.354	2271	2275	2280	rVB5	6417	9367	1.18%	0.160%
15	17.306	2427	2437	2442	rBV	289687	457087	57.81%	7.823%
16	17.347	2442	2444	2449	rVB	29637	40301	5.10%	0.690%
17	17.447	2457	2461	2464	rVB4	6404	8699	1.10%	0.149%
18	18.093	2566	2571	2576	rBV7	15240	25236	3.19%	0.432%
19	18.205	2586	2590	2601	rVB2	60567	94074	11.90%	1.610%
20	18.381	2616	2620	2624	rBV4	12559	21587	2.73%	0.369%
21	18.522	2639	2644	2650	rBV7	15877	29754	3.76%	0.509%
22	19.362	2783	2787	2793	rBV	75508	103504	13.09%	1.771%
23	19.421	2793	2797	2802	rBV	83636	111999	14.17%	1.917%
24	19.480	2804	2807	2810	rBV5	23351	35318	4.47%	0.604%
25	19.727	2845	2849	2857	rVB	68632	105644	13.36%	1.808%
26	19.926	2878	2883	2889	rBV	639145	790639	100.00%	13.531%
27	21.566	3156	3162	3168	rVB2	297499	494425	62.53%	8.462%
28	23.833	3543	3548	3554	rVB2	59929	114769	14.52%	1.964%
29	24.691	3686	3694	3701	rBV	145291	388558	49.14%	6.650%

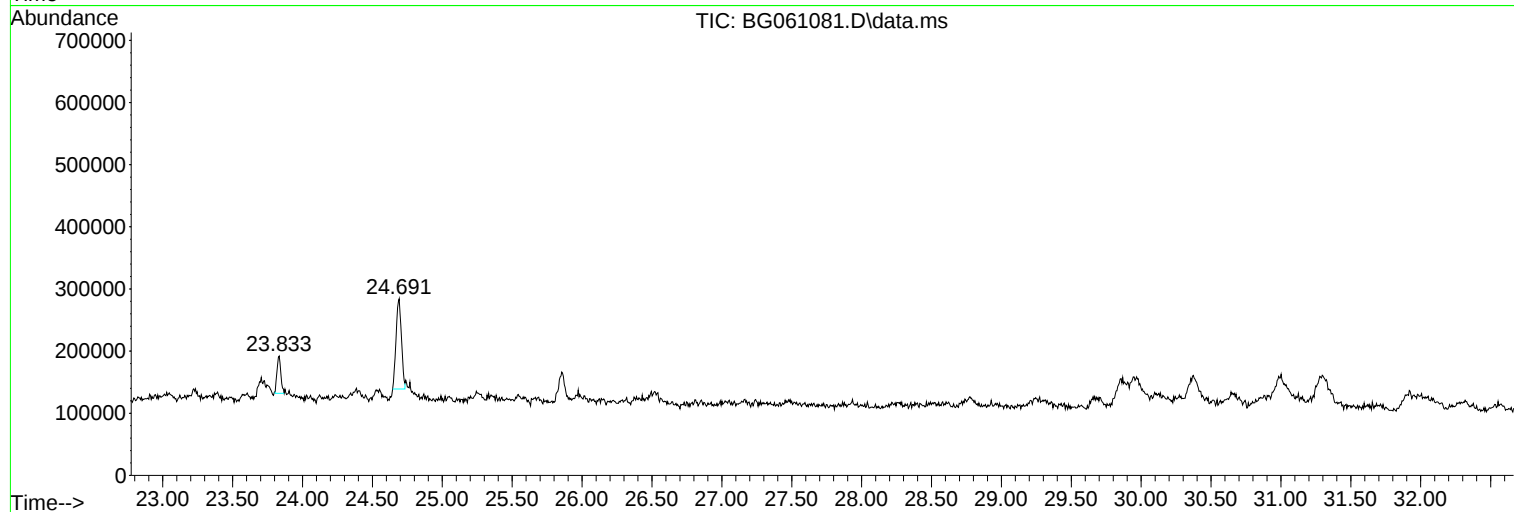
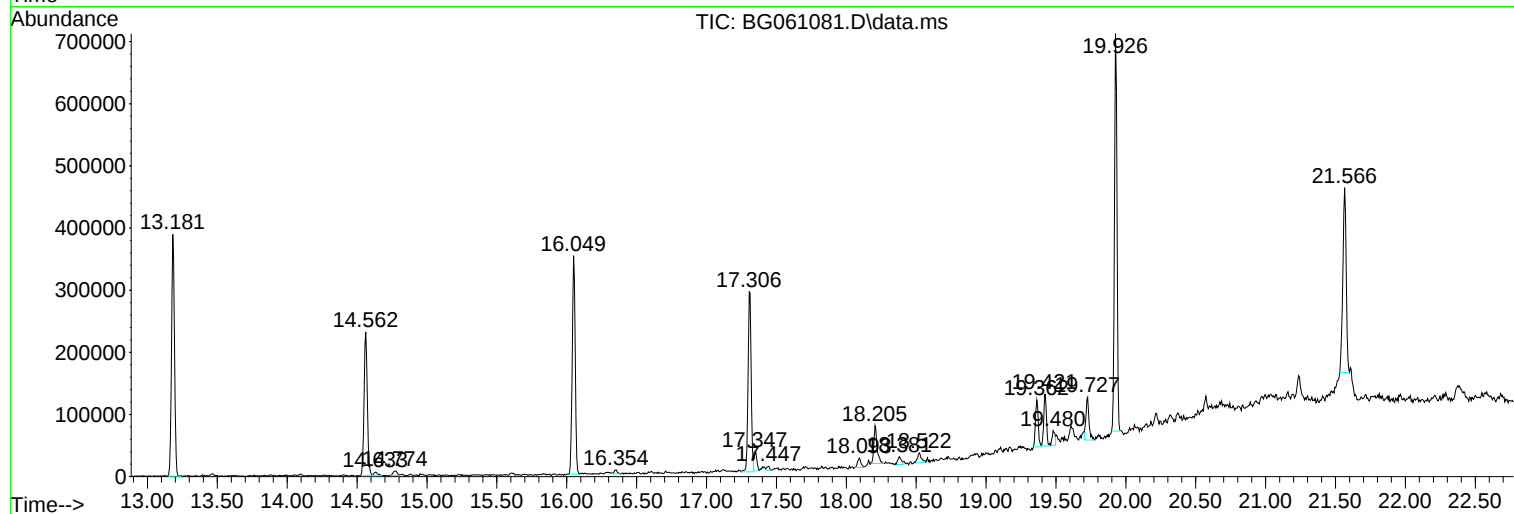
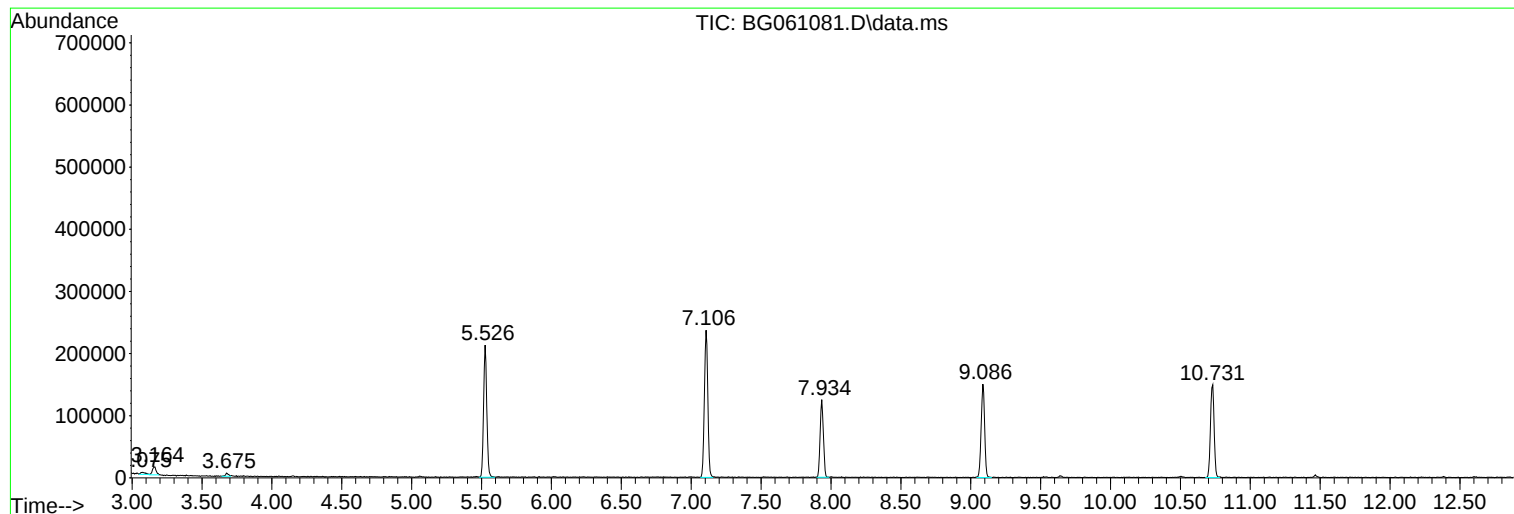
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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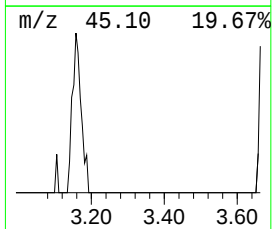
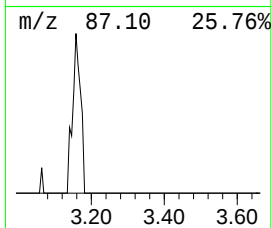
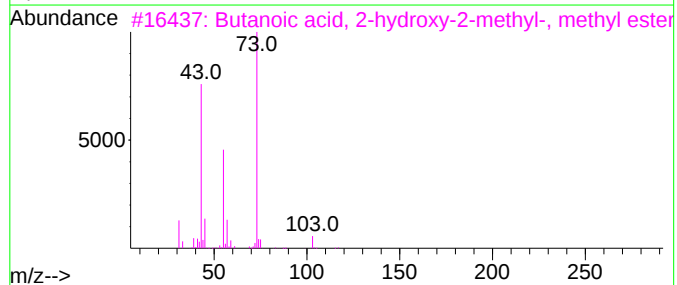
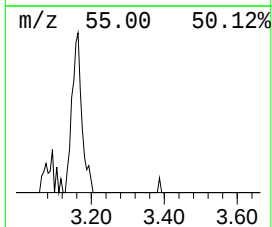
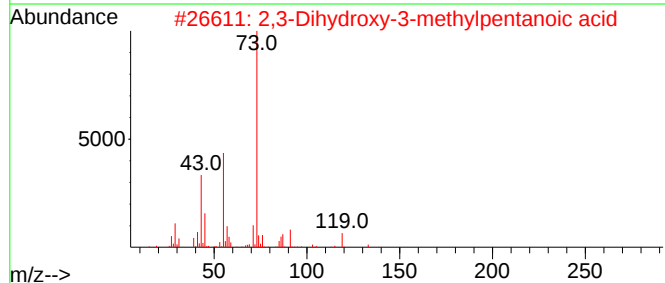
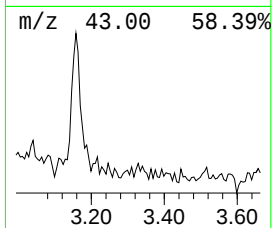
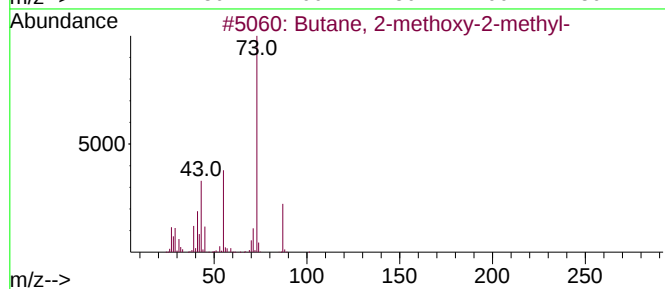
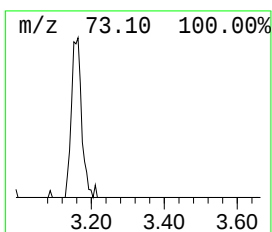
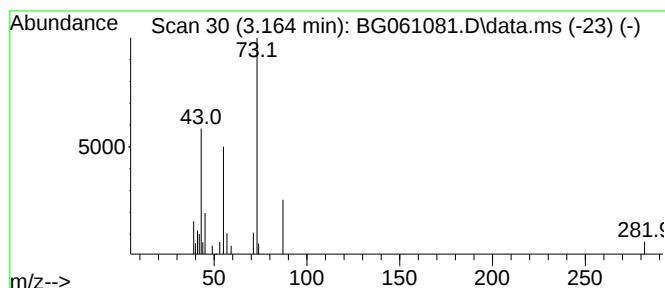
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown3.164 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.164	2.47 ng	24711	1,4-Dichlorobenzene-d4	7.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	42
2			2,3-Dihydroxy-3-methylpentanoic ...	148	C6H12O4	000562-43-6	40
3			Butanoic acid, 2-hydroxy-2-methyl...	132	C6H12O3	032793-34-3	35
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5			4-Hydroxybutyric acid hydrazide	118	C4H10N2O2	003879-08-1	23



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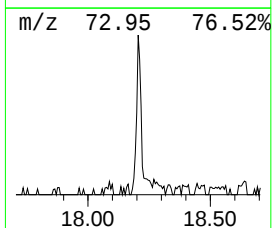
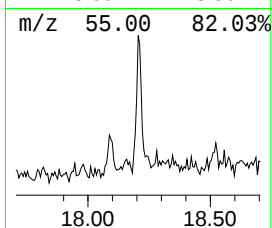
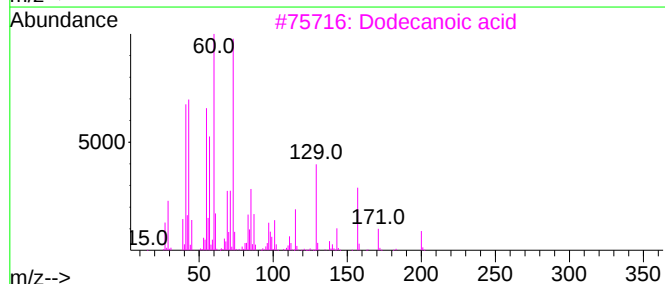
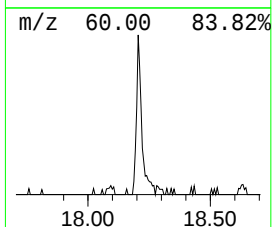
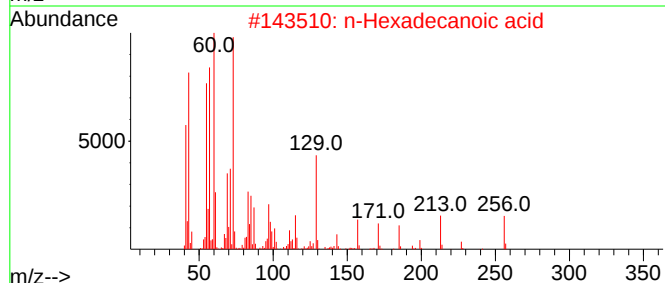
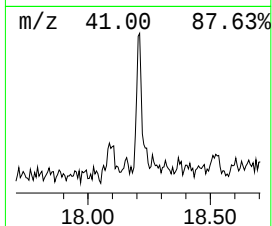
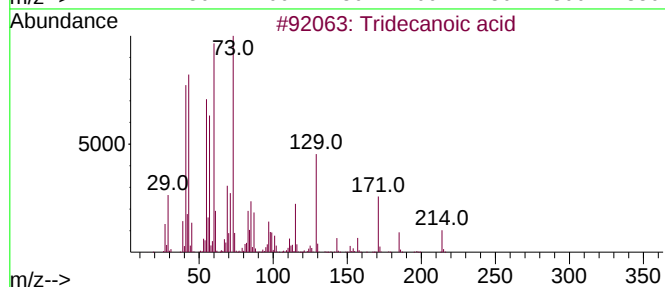
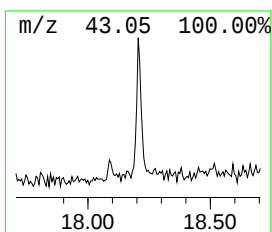
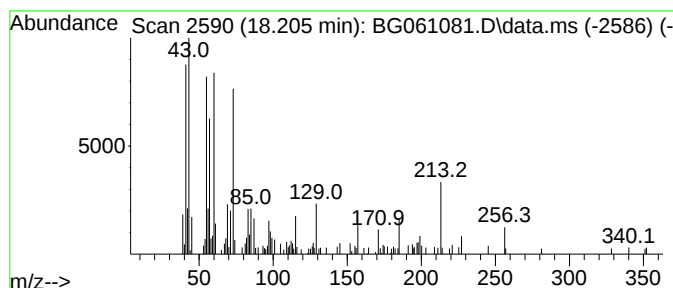
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Peak Number 2 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.205	4.12 ng	94074	Phenanthrene-d10	17.312

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			Dodecanoic acid	200	C12H24O2	000143-07-7	70
4			n-Decanoic acid	172	C10H20O2	000334-48-5	60
5			Undecanoic acid	186	C11H22O2	000112-37-8	50



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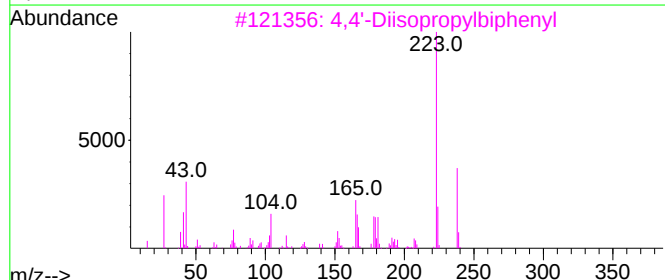
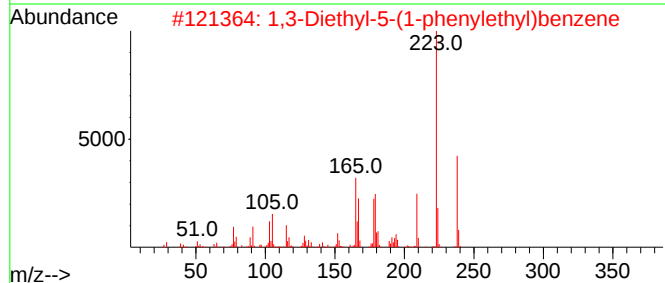
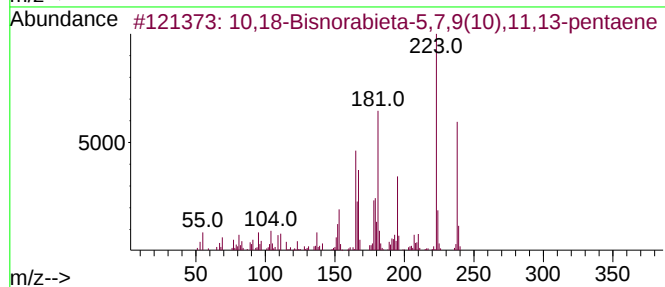
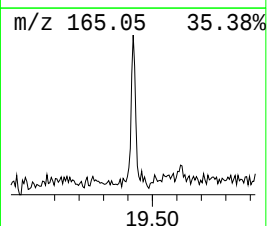
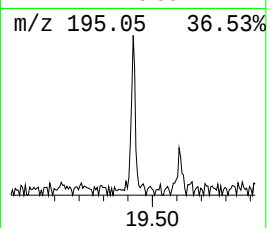
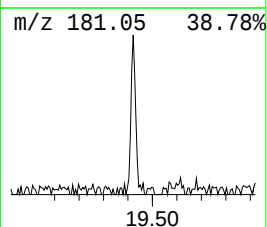
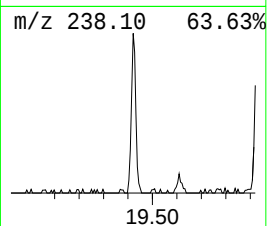
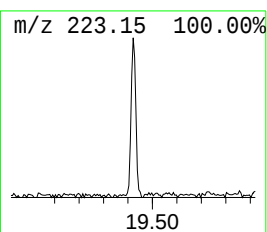
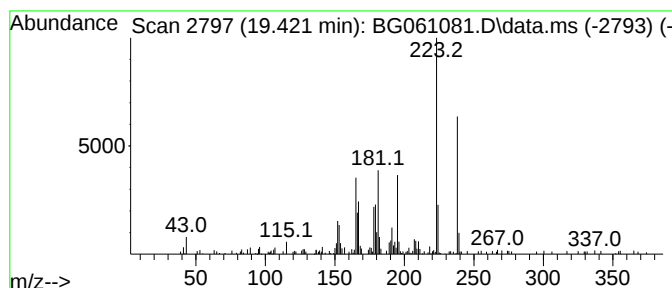
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Peak Number 3 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.421	4.90 ng	111999	Phenanthrene-d10	17.312

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	95	
2	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	90	
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	87	
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	76	
5	3,3'-Diacetylbiiphenyl	238	C16H14O2	094113-07-2	50	



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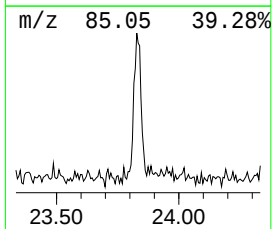
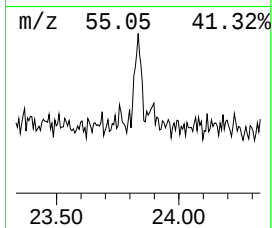
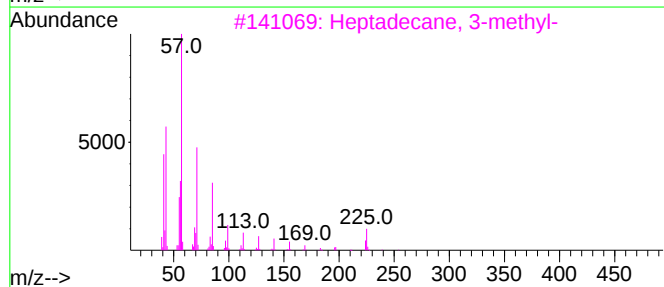
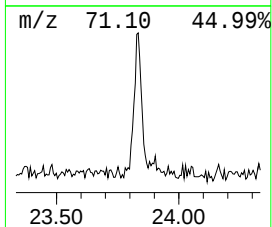
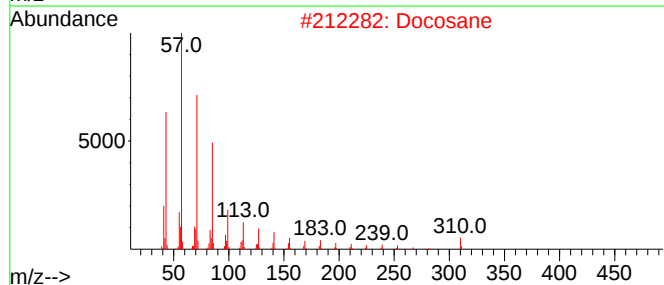
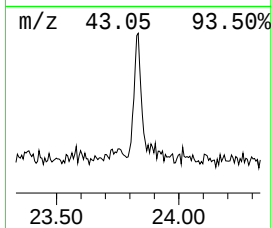
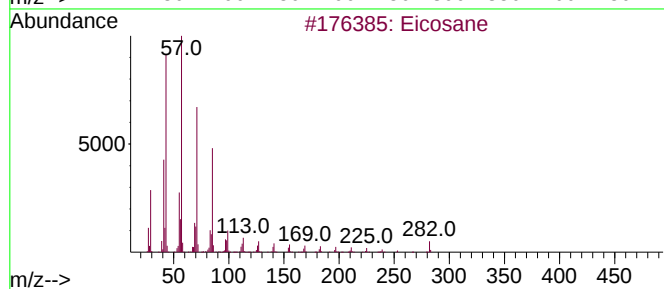
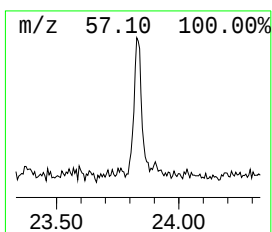
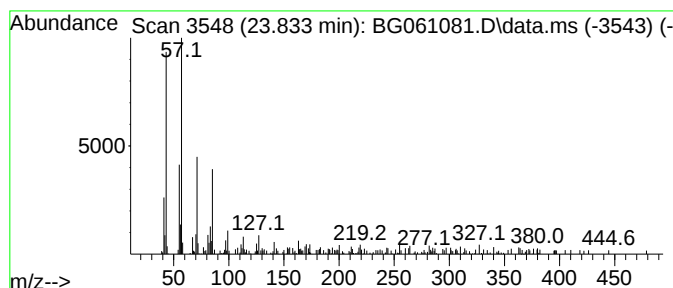
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Peak Number 4 Eicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.834	5.91 ng	114769	Perylene-d12	24.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	93
2	Docosane			310	C22H46	000629-97-0	90
3	Heptadecane, 3-methyl-			254	C18H38	006418-44-6	90
4	7-Methyl-octadecane			268	C19H40	1000192-63-3	90
5	Triacontane			422	C30H62	000638-68-6	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown3.164	3.164	2.5	ng	24711	1	7.934	200310	20.0
Tridecanoic acid	18.205	4.1	ng	94074	4	17.312	457087	20.0
10,18-Bisnorabi...	19.421	4.9	ng	111999	4	17.312	457087	20.0
Eicosane	23.834	5.9	ng	114769	6	24.685	388558	20.0