

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054172.D
 Acq On : 30 Jun 2022 16:46
 Operator : CG/JU
 Sample : N3502-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-46-UC

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-BG061322.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054172.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.636	375	382	390	rBV	187887	326487	33.91%	5.670%
2	7.228	645	653	662	rBV	196510	358441	37.23%	6.225%
3	8.062	788	795	803	rBV	61511	105481	10.96%	1.832%
4	9.226	985	993	1002	rBV	117314	223901	23.26%	3.888%
5	10.871	1265	1273	1286	rBB	80324	149945	15.57%	2.604%
6	13.315	1680	1689	1698	rBV	329677	530225	55.07%	9.208%
7	14.690	1917	1923	1930	rBB	148617	240795	25.01%	4.182%
8	16.176	2169	2176	2188	rBV2	400739	621863	64.59%	10.799%
9	17.434	2383	2390	2395	rBV	226630	355148	36.89%	6.167%
10	17.475	2395	2397	2405	rVB	13243	17638	1.83%	0.306%
11	18.321	2534	2541	2545	rBV3	9150	17353	1.80%	0.301%
12	19.261	2697	2701	2704	rVB2	9225	10231	1.06%	0.178%
13	19.484	2734	2739	2744	rBV	57670	76491	7.94%	1.328%
14	19.813	2791	2795	2796	rBV2	8857	9948	1.03%	0.173%
15	19.843	2796	2800	2808	rVB	43515	67536	7.01%	1.173%
16	20.042	2828	2834	2839	rBV	680014	962802	100.00%	16.720%
17	20.342	2881	2885	2890	rVB3	11563	17913	1.86%	0.311%
18	20.836	2966	2969	2974	rVB2	9103	12228	1.27%	0.212%
19	21.288	3041	3046	3051	rBV7	24845	44488	4.62%	0.773%
20	21.347	3051	3056	3064	rVB4	26854	49460	5.14%	0.859%
21	21.705	3109	3117	3123	rBV	279353	508699	52.84%	8.834%
22	21.752	3123	3125	3135	rVB	23102	34744	3.61%	0.603%
23	21.905	3147	3151	3157	rVB7	10349	17700	1.84%	0.307%
24	22.516	3250	3255	3261	rBV3	22366	41591	4.32%	0.722%
25	23.209	3364	3373	3377	rBV10	9646	30760	3.19%	0.534%
26	23.409	3401	3407	3413	rBV4	10505	21514	2.23%	0.374%
27	23.568	3428	3434	3440	rVB8	9995	21096	2.19%	0.366%
28	23.926	3486	3495	3501	rBV2	20744	67383	7.00%	1.170%
29	24.032	3507	3513	3520	rVB2	35006	78168	8.12%	1.357%
30	24.655	3615	3619	3626	rVB4	10883	23769	2.47%	0.413%
31	24.796	3638	3643	3653	rBV3	11441	30777	3.20%	0.534%
32	24.960	3658	3671	3682	rBV	163865	490844	50.98%	8.524%
33	25.512	3759	3765	3775	rVB7	19120	52283	5.43%	0.908%
34	26.135	3861	3871	3881	rBV4	16247	54897	5.70%	0.953%
35	28.303	4233	4240	4253	rVB8	19081	74360	7.72%	1.291%
36	30.354	4581	4589	4590	rBV8	6061	11554	1.20%	0.201%

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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

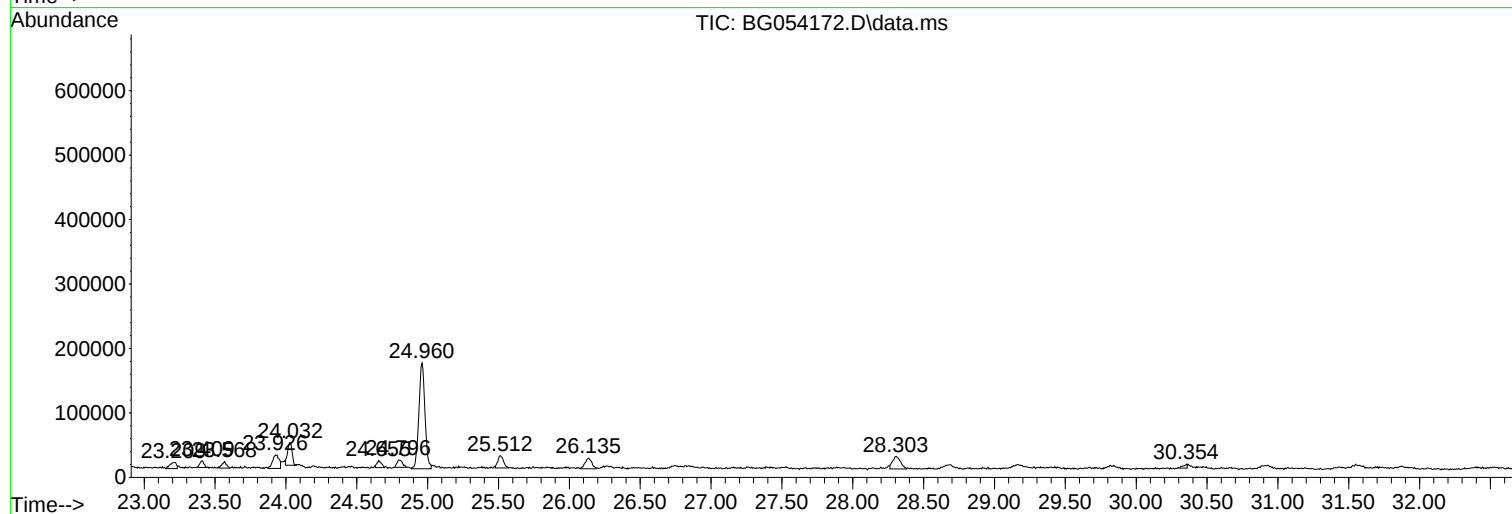
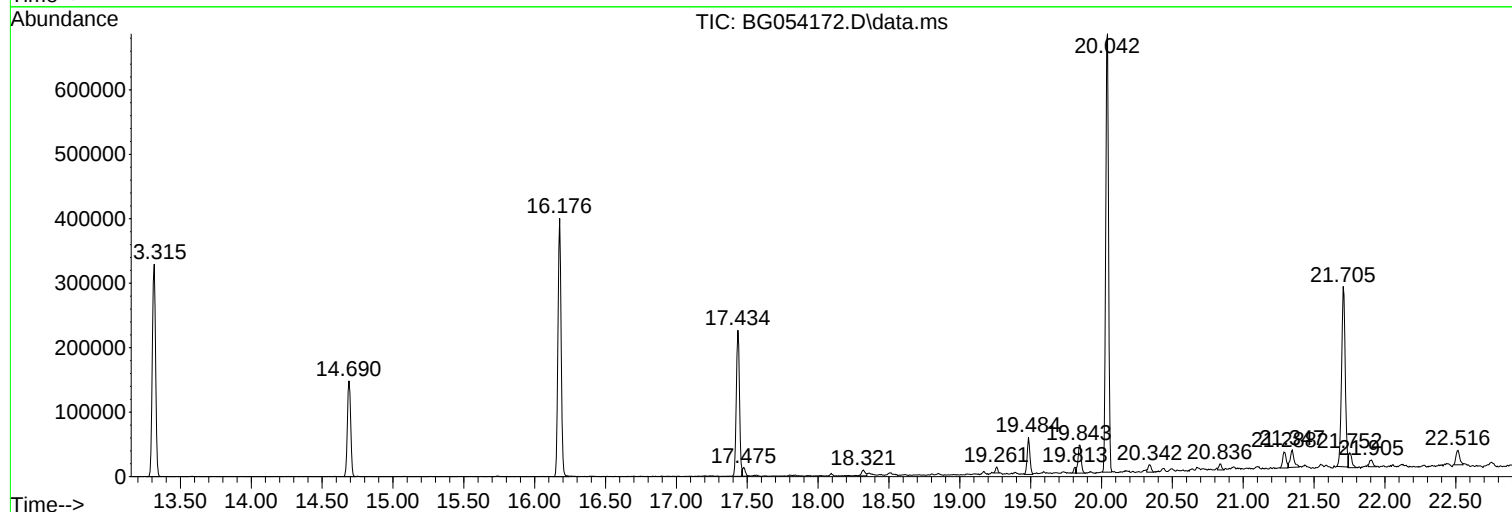
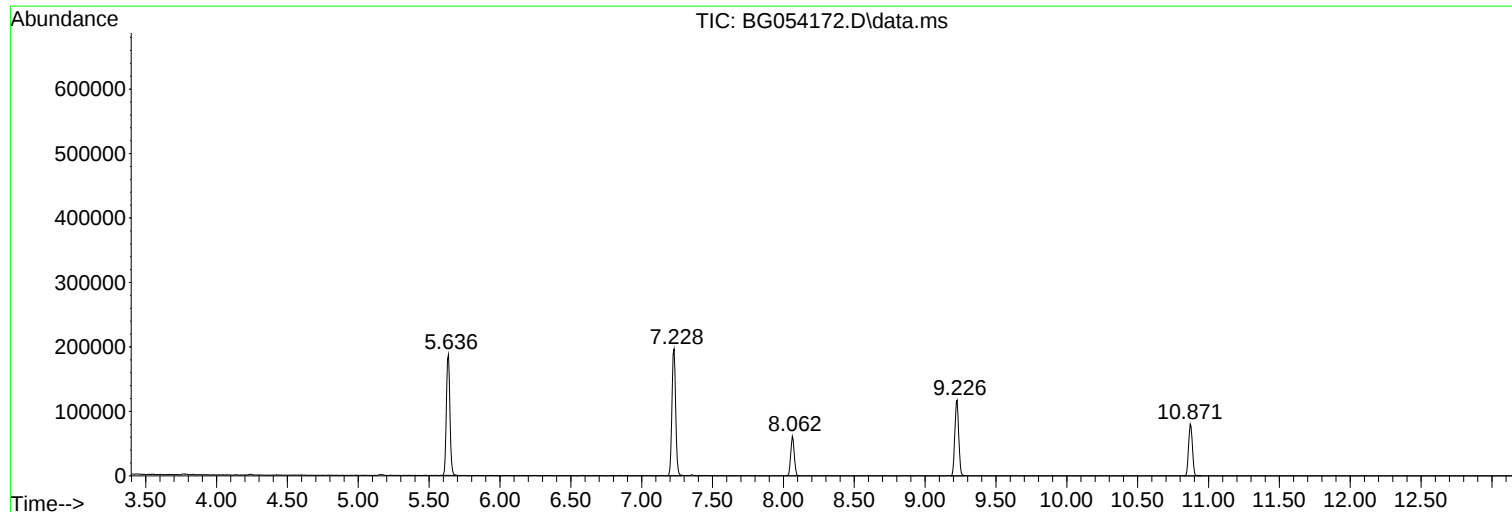
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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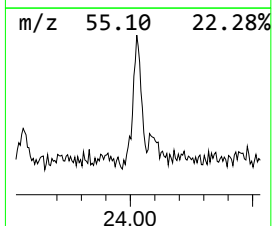
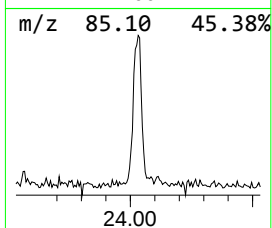
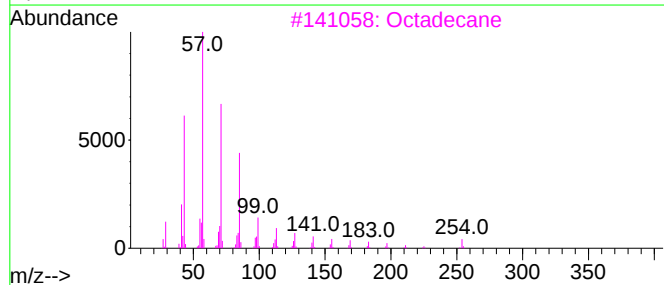
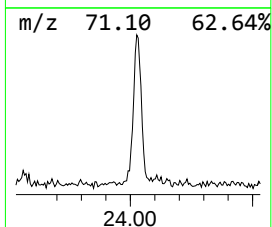
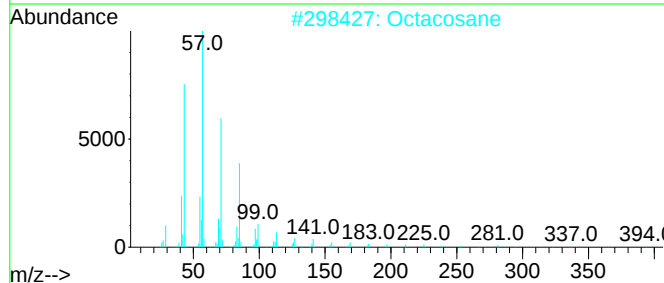
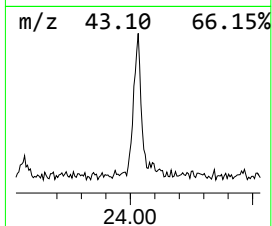
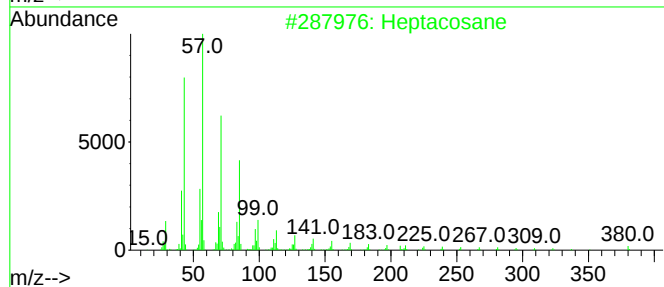
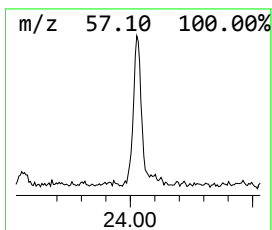
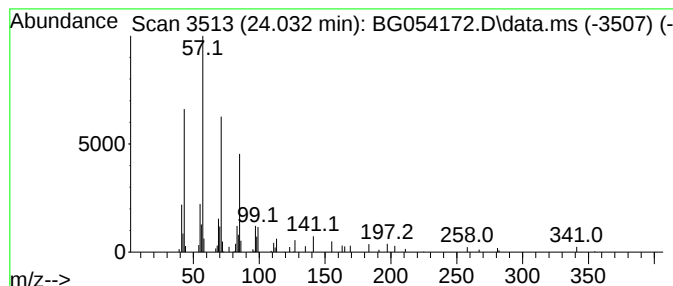
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.032	3.19 ng	78168	Perylene-d12	24.960

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Octadecane	254	C18H38	000593-45-3	86
4		Tetracosane	338	C24H50	000646-31-1	86
5		Heptadecane	240	C17H36	000629-78-7	86



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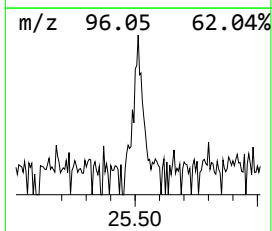
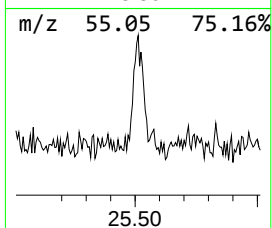
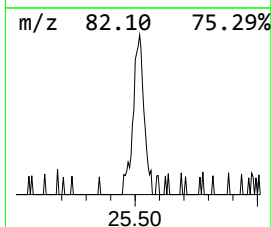
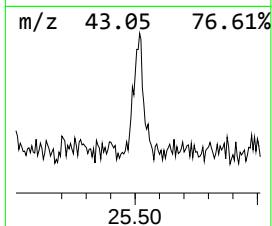
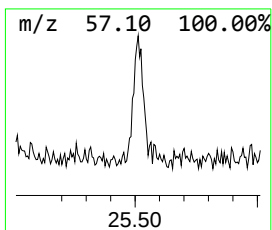
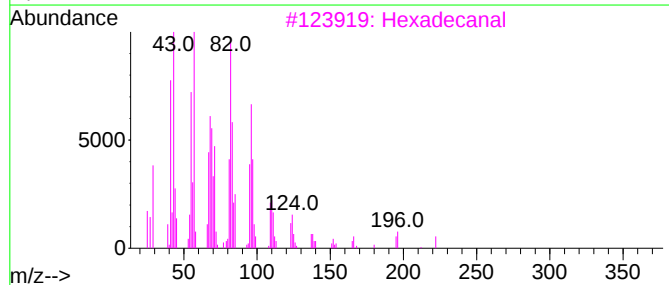
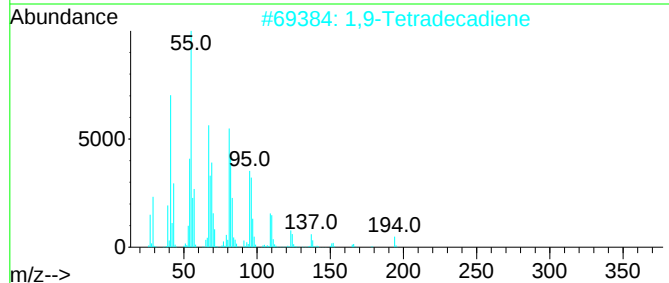
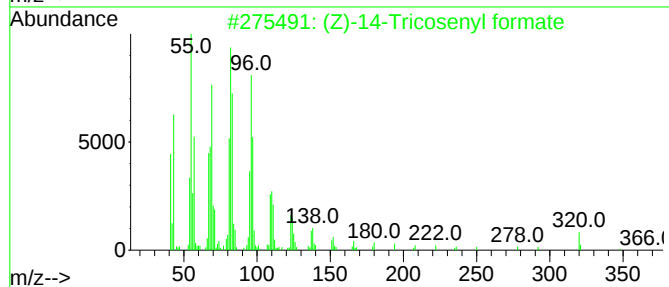
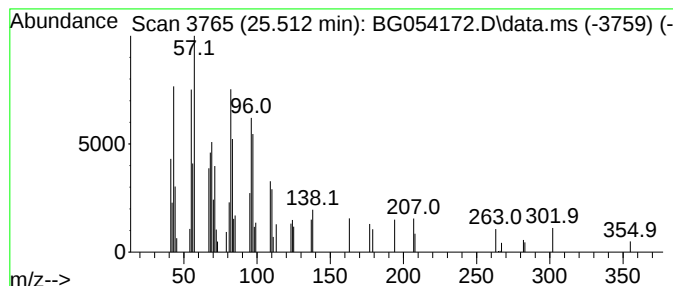
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 (Z)-14-Tricosenyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.512	2.13 ng	52283	Perylene-d12	24.960

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate			366	C24H46O2	077899-10-6	72
2	1,9-Tetradecadiene			194	C14H26	112929-06-3	70
3	Hexadecanal			240	C16H32O	000629-80-1	64
4	Pentadecanal-			226	C15H30O	002765-11-9	58
5	Oxirane, heptadecyl-			282	C19H38O	067860-04-2	52



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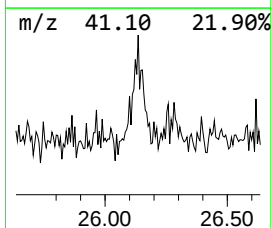
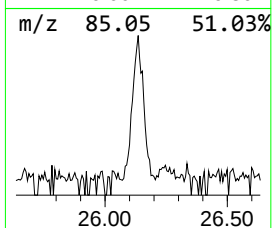
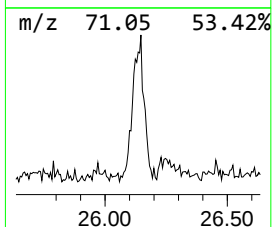
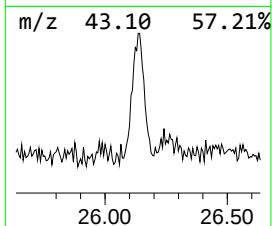
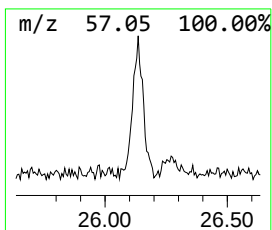
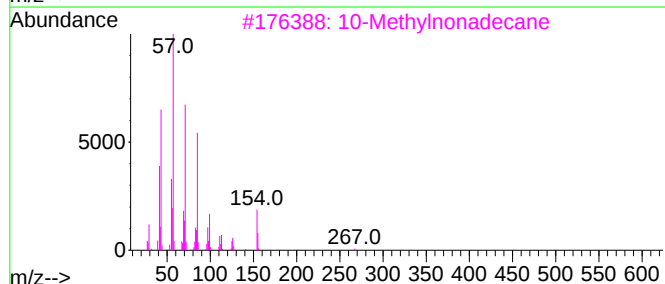
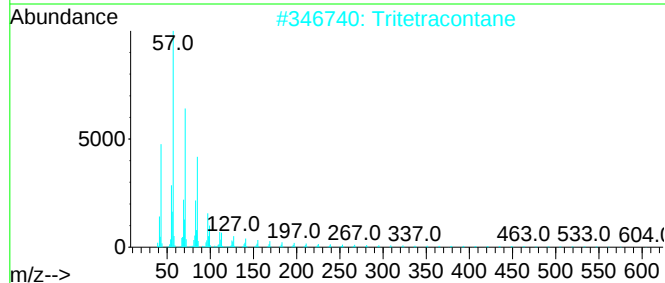
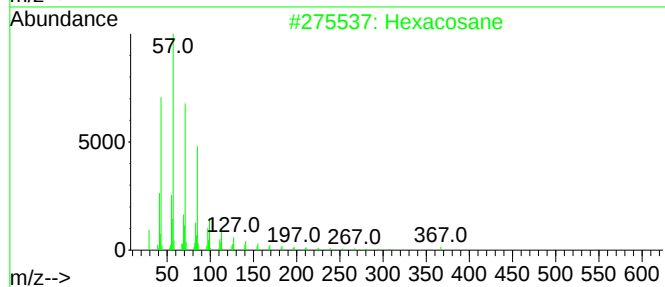
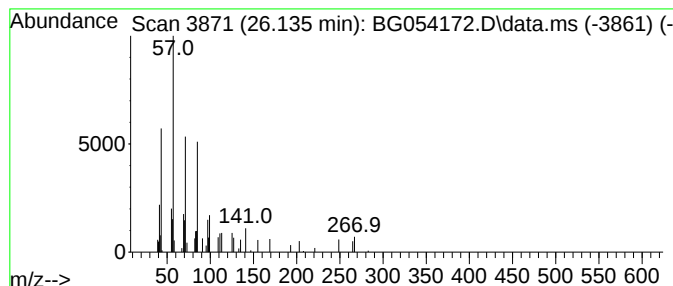
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.135	2.24 ng	54897	Perylene-d12	24.960

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	80
2			Tritetracontane	605	C43H88	007098-21-7	80
3			10-Methylnonadecane	282	C20H42	056862-62-5	74
4			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72
5			Heneicosane	296	C21H44	000629-94-7	72



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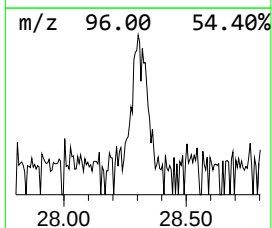
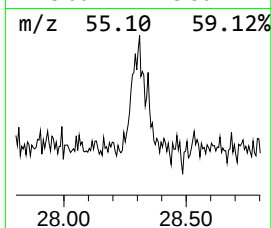
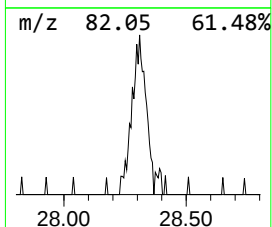
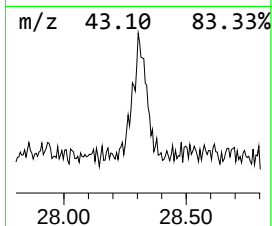
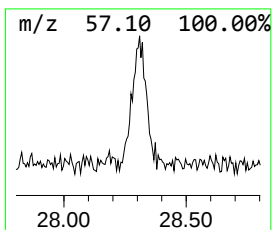
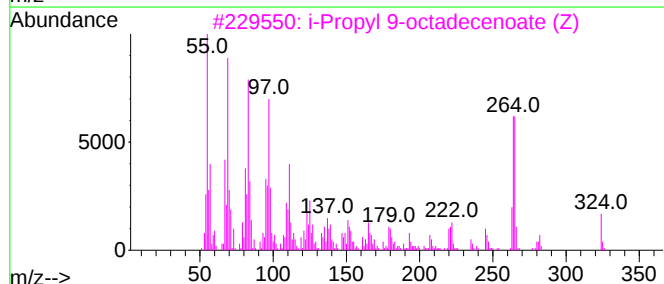
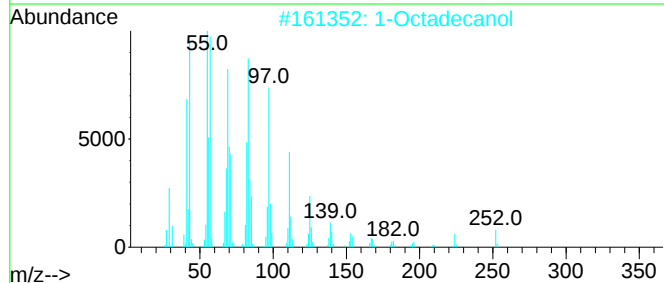
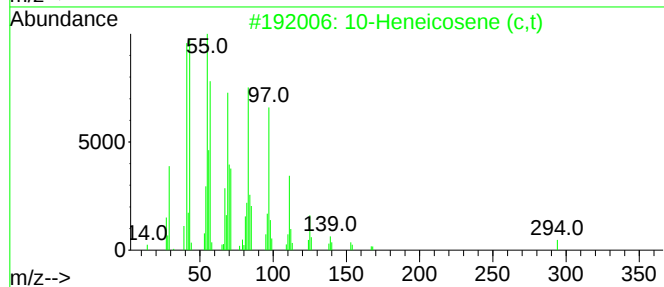
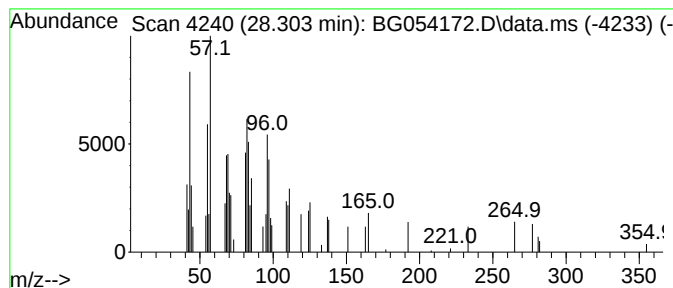
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 unknown28.303 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.303	3.03 ng	74360	Perylene-d12	24.960

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	30	
2	1-Octadecanol	270	C18H38O	000112-92-5	30	
3	i-Propyl 9-octadecenoate (Z)	324	C21H40O2	000112-11-8	30	
4	E-8-Hexadecen-1-ol acetate	282	C18H34O2	1000131-01-1	30	
5	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1010164-49-7	30	



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptacosane	24.032	3.2	ng	78168	6	24.960	490844	20.0
(Z)-14-Tricosen...	25.512	2.1	ng	52283	6	24.960	490844	20.0
Hexacosane	26.135	2.2	ng	54897	6	24.960	490844	20.0
unknown28.303	28.303	3.0	ng	74360	6	24.960	490844	20.0