

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
 Data File : BF126914.D
 Acq On : 16 Feb 2022 15:36
 Operator : CG\JU
 Sample : PB142443BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142443BL

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_F\Methods\8270-BF021622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126914.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.557	551	556	559	rBV	3564983	3820933	78.03%	12.912%
2	6.551	719	725	728	rBV	3110616	3924785	80.15%	13.263%
3	6.928	786	789	793	rVB	957454	776199	15.85%	2.623%
4	7.498	879	886	889	rBV	2356298	2702966	55.20%	9.134%
5	8.210	1002	1007	1011	rBV	1251407	1085032	22.16%	3.667%
6	9.292	1184	1191	1194	rBV	4520914	4551960	92.96%	15.383%
7	9.969	1301	1306	1310	rBV	1465770	1201395	24.53%	4.060%
8	10.763	1436	1441	1444	rBV	3332942	3000135	61.27%	10.139%
9	11.463	1556	1560	1563	rBV	1352326	1248274	25.49%	4.218%
10	12.857	1794	1797	1800	rBV	69935	51352	1.05%	0.174%
11	13.051	1825	1830	1833	rBV	4979659	4896932	100.00%	16.549%
12	14.104	2005	2009	2012	rBV	1097701	913245	18.65%	3.086%
13	14.874	2136	2140	2145	rBV	64862	62985	1.29%	0.213%
14	15.221	2195	2199	2203	rBV	72169	81982	1.67%	0.277%
15	15.609	2258	2265	2275	rBV	567050	801700	16.37%	2.709%
16	16.080	2339	2345	2352	rBV	72553	109830	2.24%	0.371%
17	16.609	2428	2435	2443	rBV2	60127	111619	2.28%	0.377%
18	17.233	2535	2541	2549	rVB3	45189	98546	2.01%	0.333%
19	17.968	2661	2666	2678	rVB3	32256	85396	1.74%	0.289%
20	18.862	2807	2818	2828	rBV5	20064	65982	1.35%	0.223%

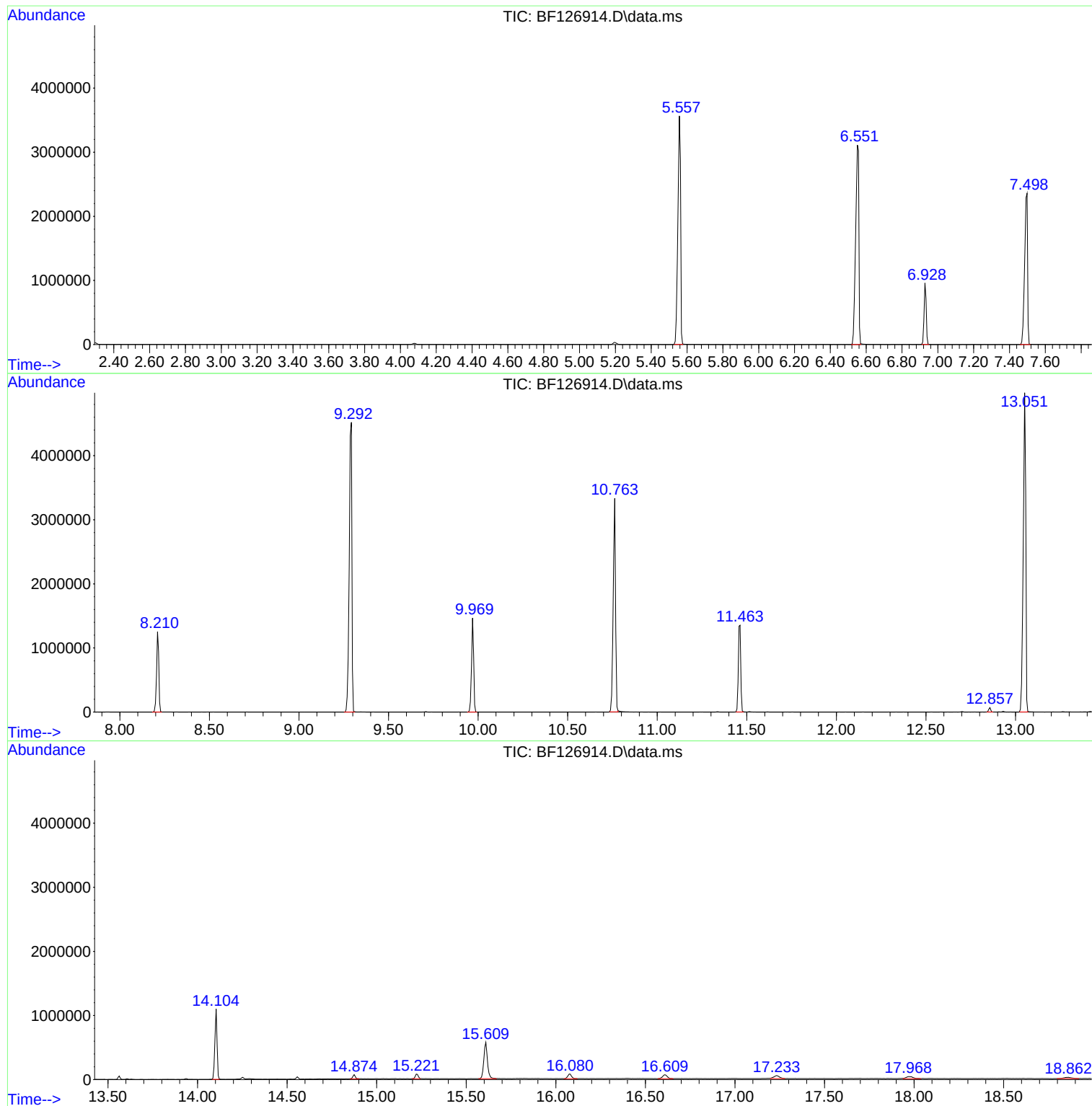
Sum of corrected areas: 29591248

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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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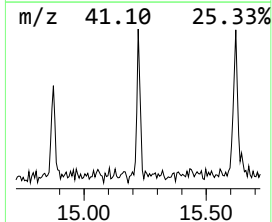
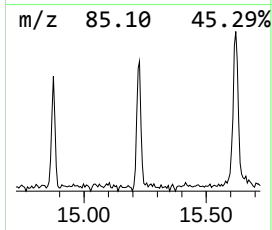
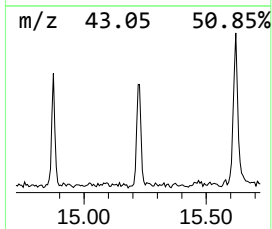
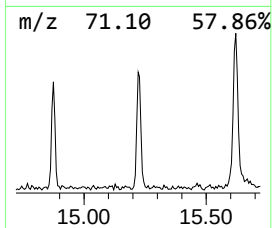
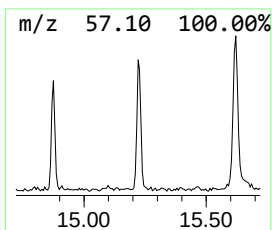
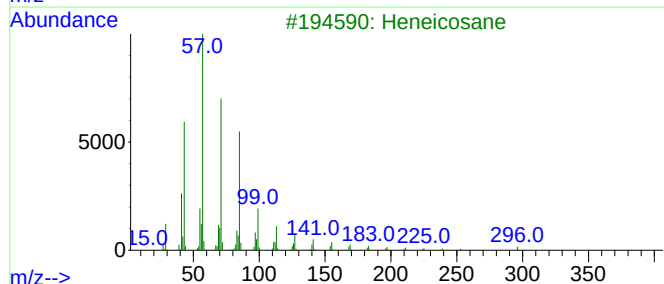
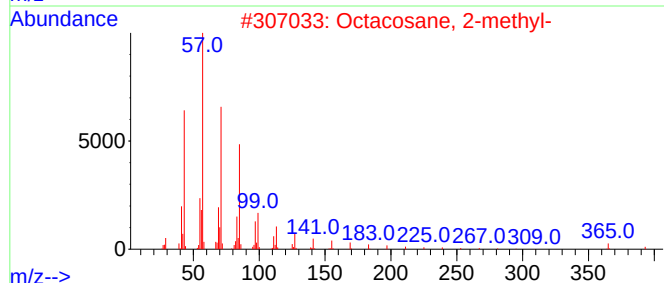
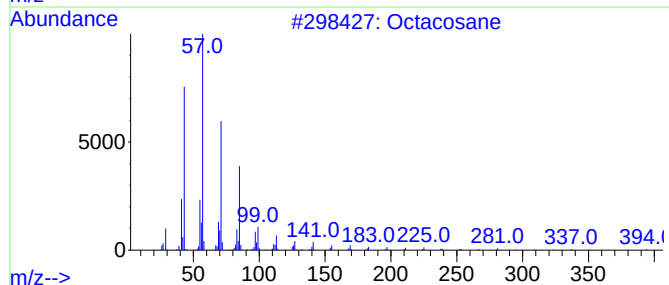
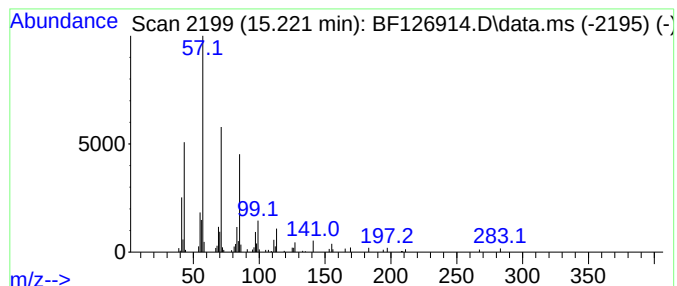
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	2.05 ng	81982	Perylene-d12	15.609

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	91
2		Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	90
5		Heptadecane	240	C17H36	000629-78-7	87



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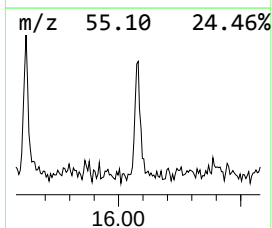
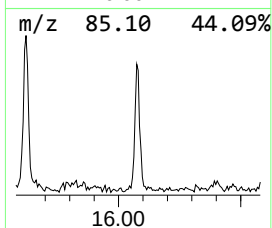
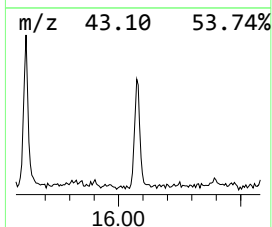
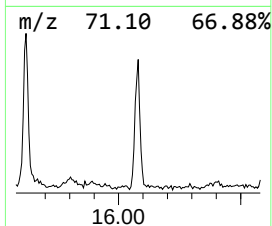
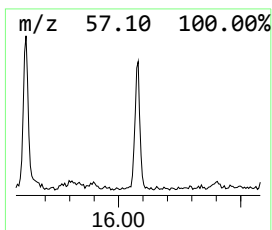
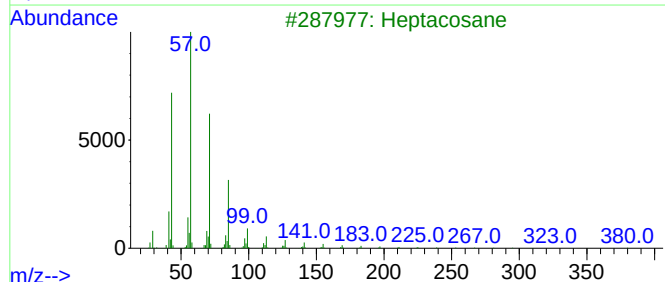
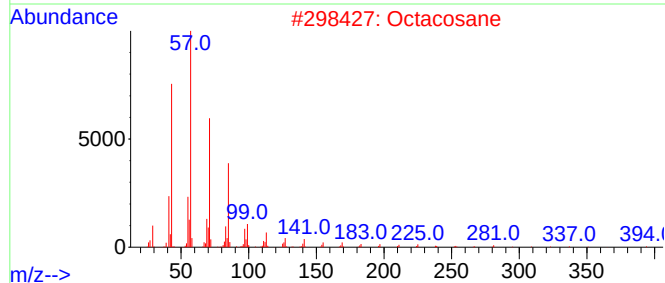
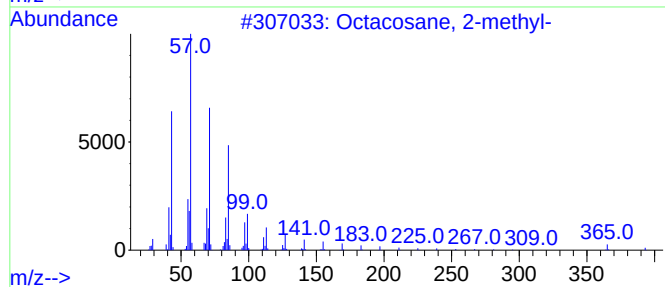
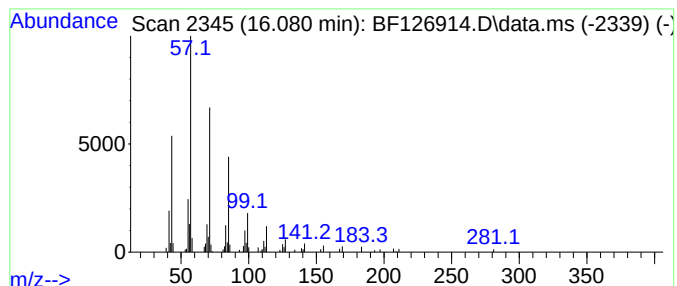
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octacosane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.080	2.74 ng	109830	Perylene-d12	15.609

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



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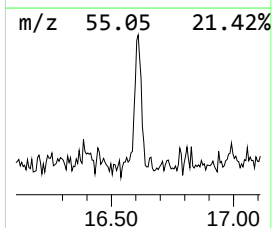
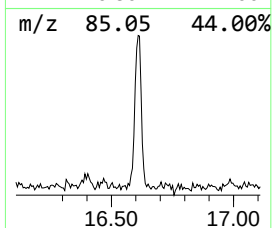
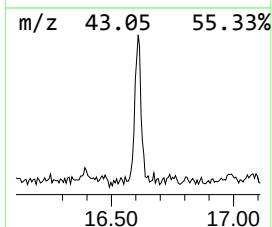
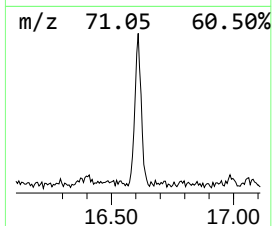
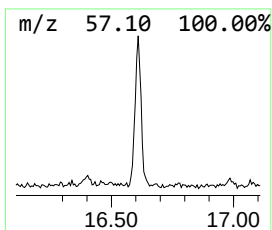
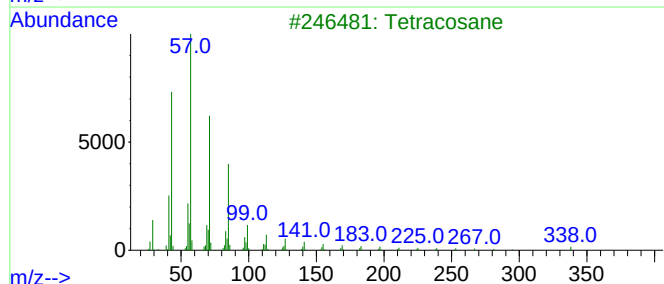
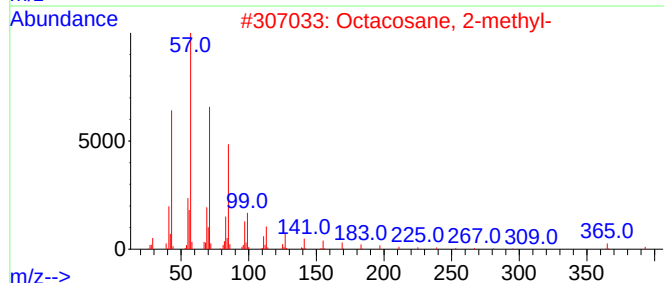
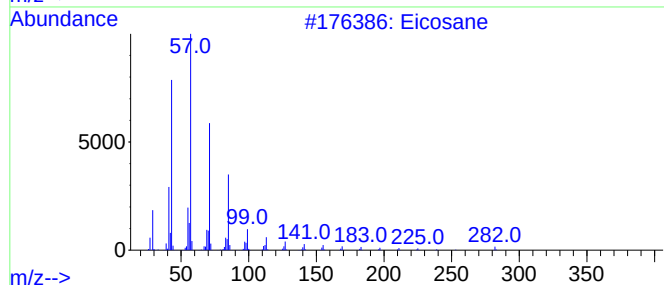
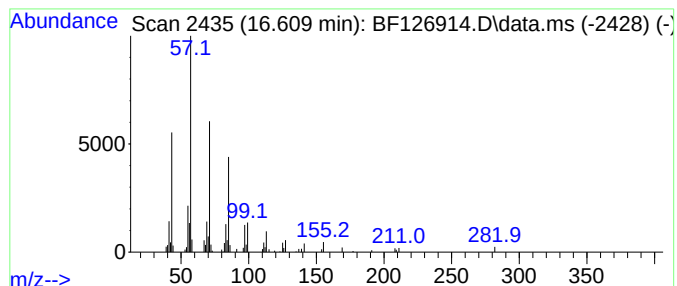
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Eicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.609	2.78 ng	111619	Perylene-d12	15.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3			Tetracosane	338	C24H50	000646-31-1	87
4			Heptacosane	380	C27H56	000593-49-7	86
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



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Misc :
ALS Vial : 11 Sample Multiplier: 1

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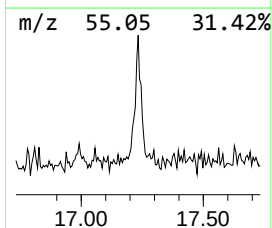
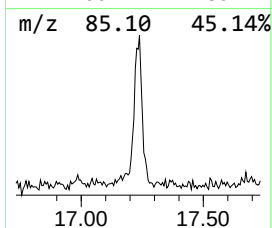
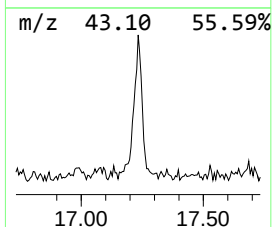
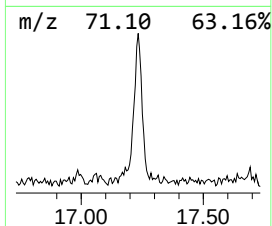
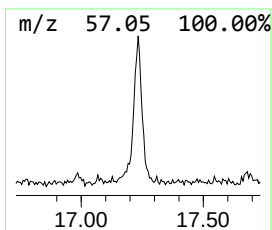
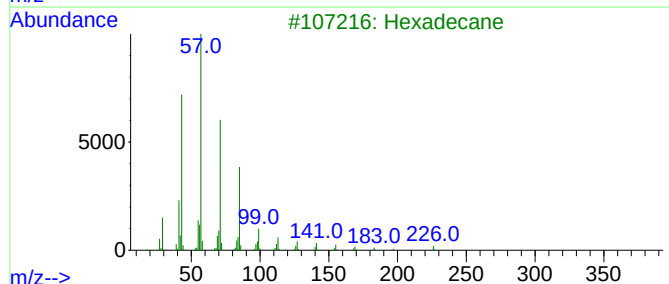
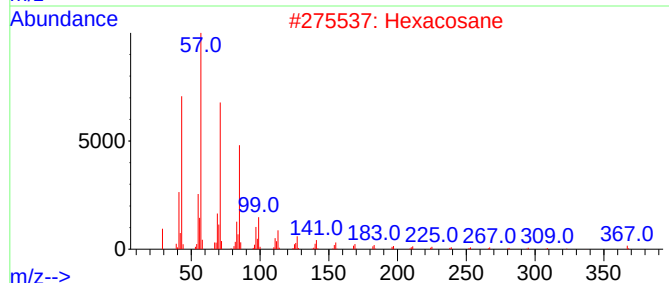
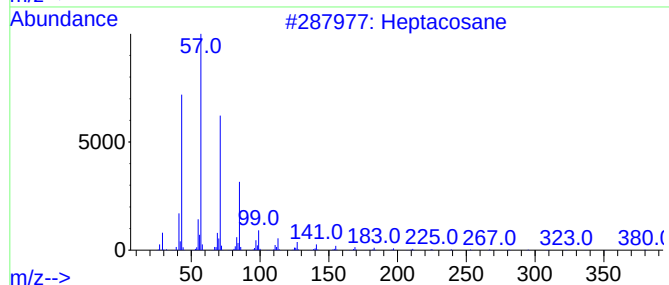
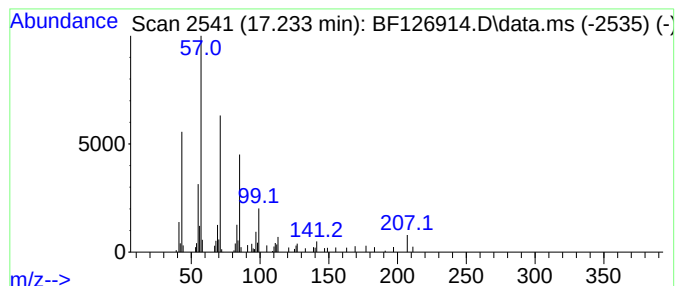
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.233	2.46 ng	98546	Perylene-d12	15.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	83
2			Hexacosane	366	C26H54	000630-01-3	72
3			Hexadecane	226	C16H34	000544-76-3	72
4			Eicosane	282	C20H42	000112-95-8	72
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



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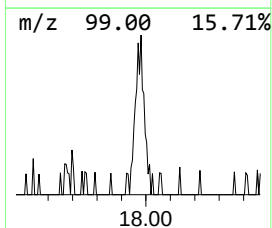
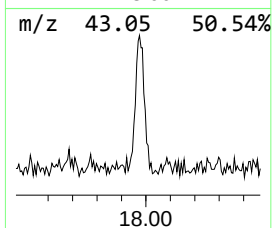
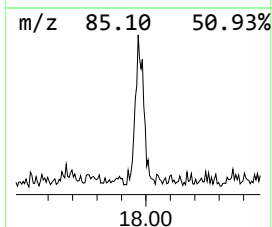
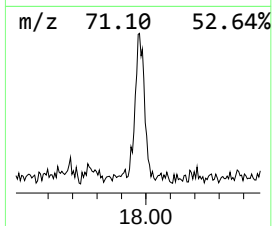
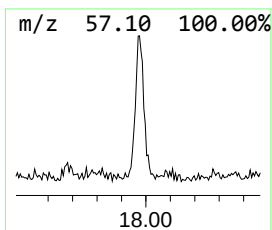
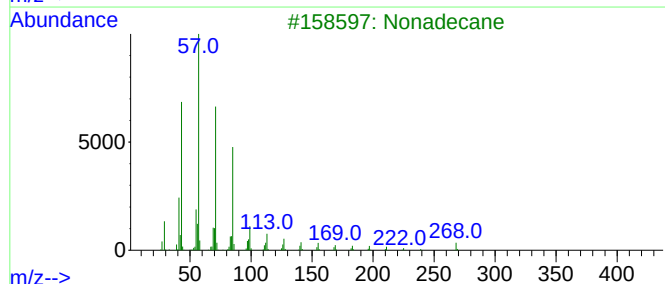
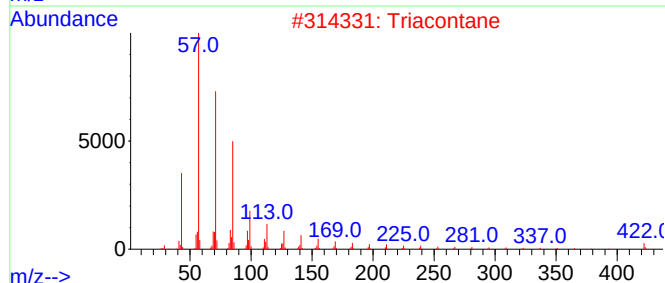
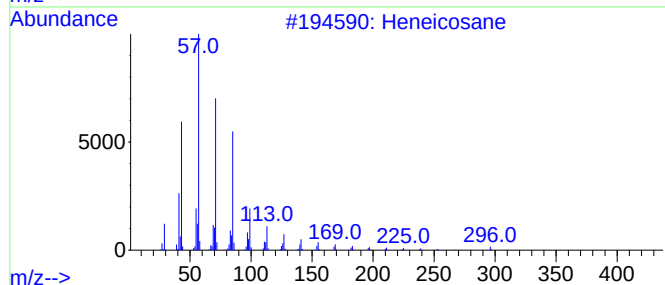
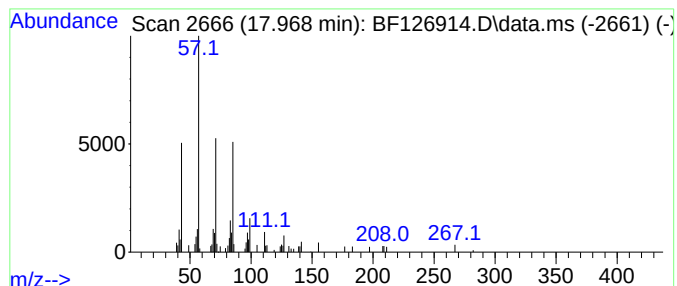
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.968	2.13 ng	85396	Perylene-d12	15.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	87
2			Triacontane	422	C30H62	000638-68-6	86
3			Nonadecane	268	C19H40	000629-92-5	83
4			Heptadecane	240	C17H36	000629-78-7	80
5			Octacosane	394	C28H58	000630-02-4	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octacosane	15.221	2.0	ng	81982	6	15.609	801700	20.0
Octacosane, 2-m...	16.080	2.7	ng	109830	6	15.609	801700	20.0
Eicosane	16.609	2.8	ng	111619	6	15.609	801700	20.0
Heptacosane	17.233	2.5	ng	98546	6	15.609	801700	20.0
Heneicosane	17.968	2.1	ng	85396	6	15.609	801700	20.0