LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
Data File : BF126913.D
Acq On : 16 Feb 2022 15:08
Operator : CG\JU
Sample : PB142428BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB142428BL

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: BF126913.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	550	556	559	rBV	3480884	3700546	76.04%	12.713%
2	6.551	719	725	728	rBV	3072077	3824030	78.58%	13.137%
3	6.928	786	789	793	rBV	931602	754363	15.50%	2.592%
4	7.498	879	886	888	rBV	2334111	2603555	53.50%	8.944%
5	8.210	1003	1007	1011	rBV	1177599	1046000	21.49%	3.593%
6	9.292	1185	1191	1194	rBV	4593358	4421943	90.86%	15.191%
7	9.969	1301	1306	1309	rBV	1462955	1163847	23.92%	3.998%
8	10.763	1436	1441	1444	rBV	3285641	2942500	60.46%	10.109%
9	11.463	1556	1560	1563	rBV	1374035	1231142	25.30%	4.229%
10	12.857	1794	1797	1800	rBV	74338	52870	1.09%	0.182%
11	13.051	1825	1830	1833	rBV	5088044	4866578	100.00%	16.718%
12	14.104	2005	2009	2012	rBV	1068391	905432	18.61%	3.110%
13	14.874	2136	2140	2144	rVB	64183	59607	1.22%	0.205%
14	15.227	2196	2200	2205	rBV	66792	82821	1.70%	0.285%
15	15.610	2259	2265	2280	rVB	580496	810523	16.65%	2.784%
16	16.080	2338	2345	2353	rBV	69672	117362	2.41%	0.403%
17	16.609	2429	2435	2443	rVB2	55110	105345	2.16%	0.362%
18	17.233	2536	2541	2550	rVB3	48716	105463	2.17%	0.362%
19	17.545	2581	2594	2595	rBV2	64348	182836	3.76%	0.628%
20	17.980	2660	2668	2678	rVB2	31596	80798	1.66%	0.278%
21	18.862	2812	2818	2827	rVB7	18391	51490	1.06%	0.177%

Sum of corrected areas: 29109051

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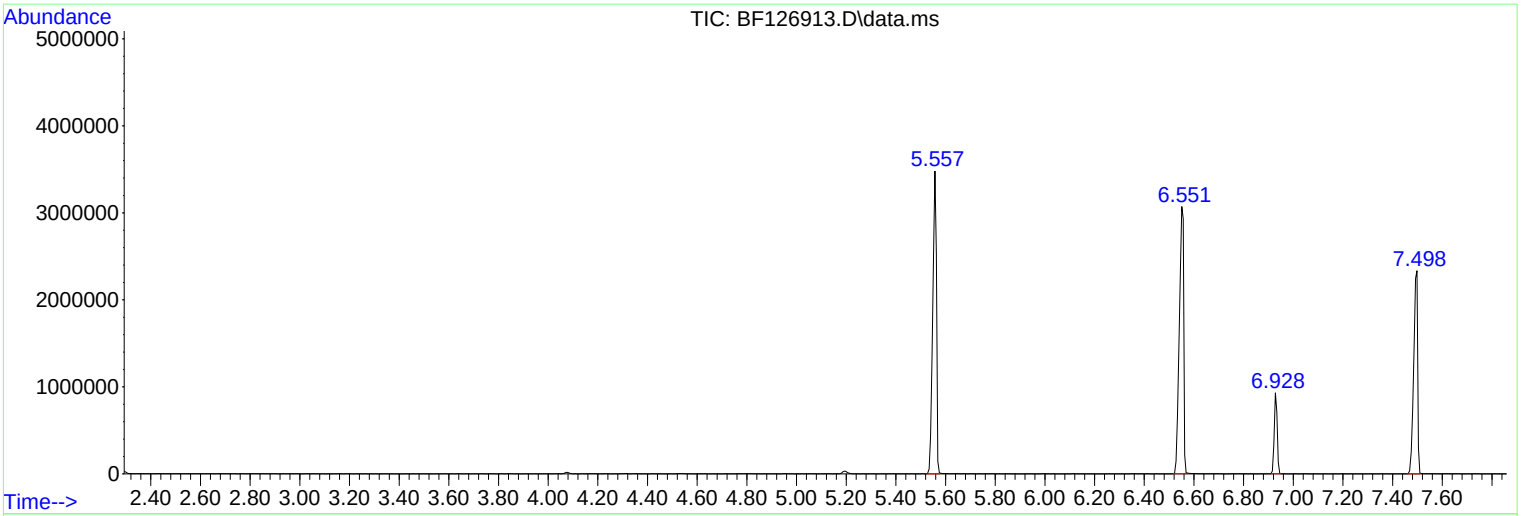
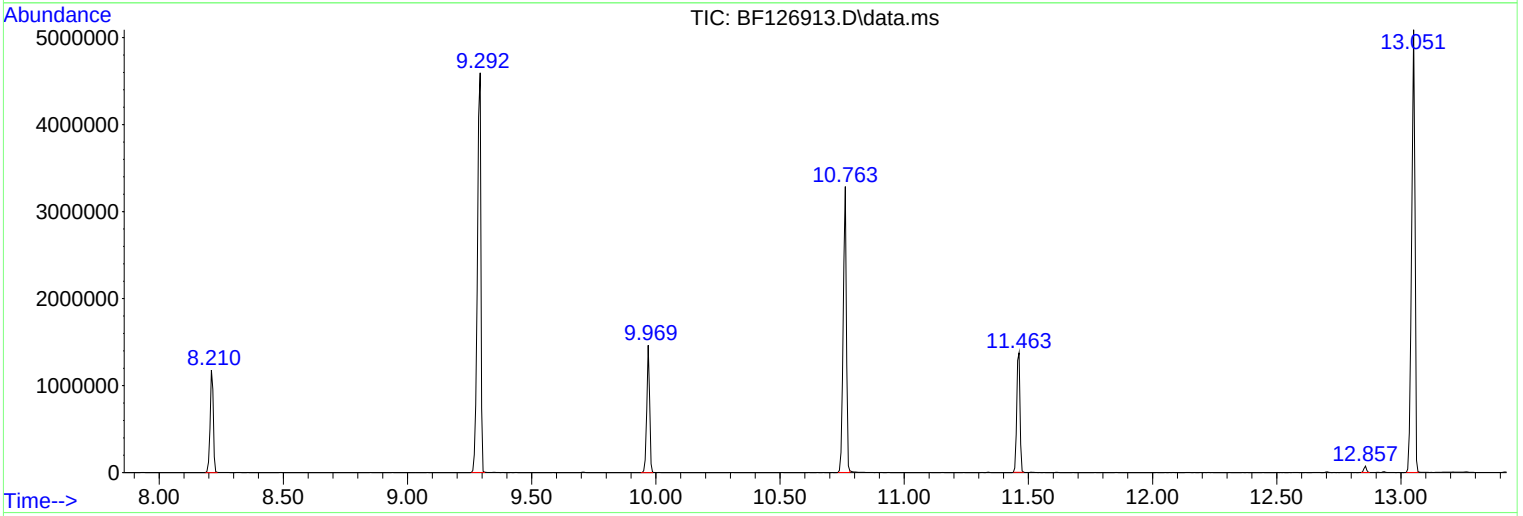
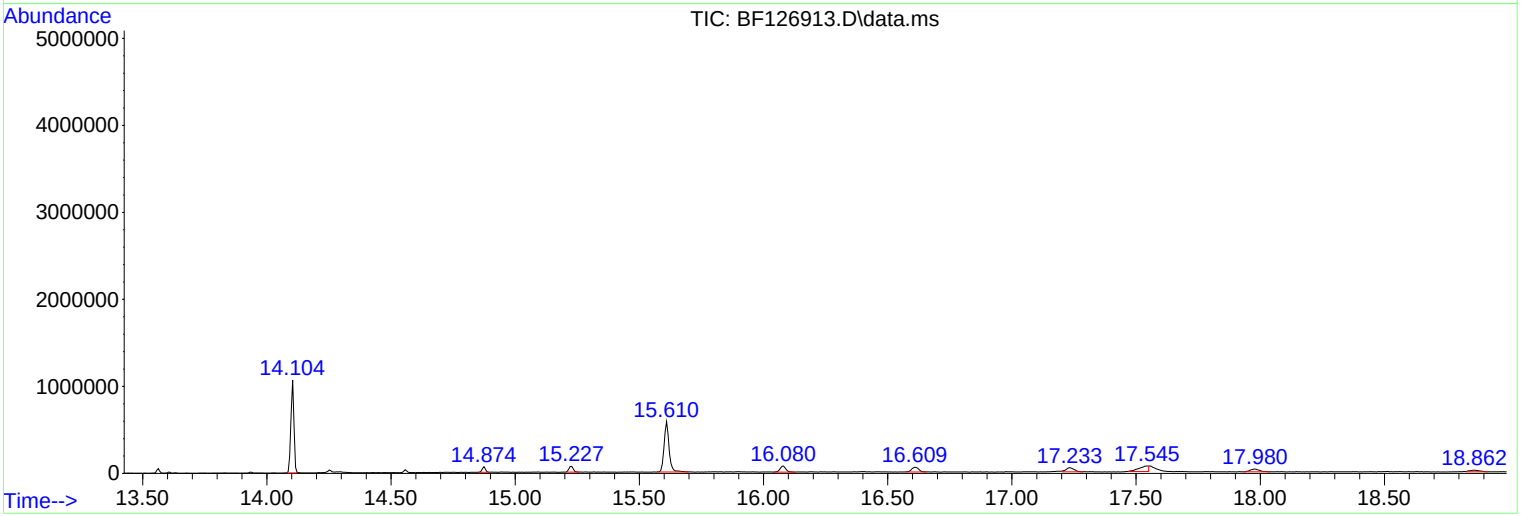
Instrument :
BNA_F
ClientSampleId :
PB142428BL

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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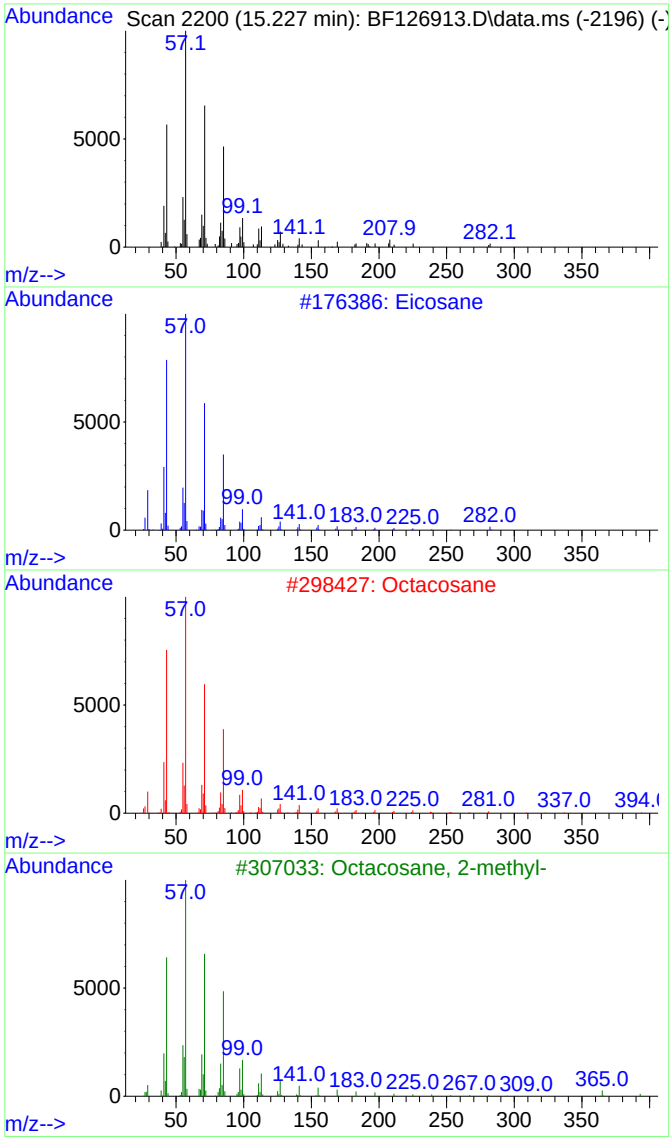
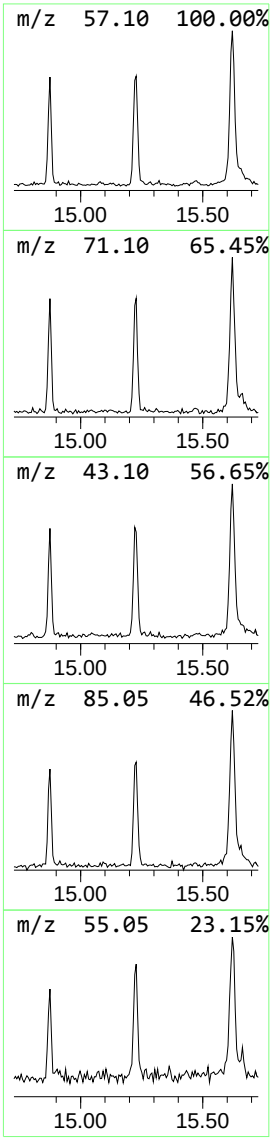
Peak Number 1 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	2.04 ng	82821	Perylene-d12	15.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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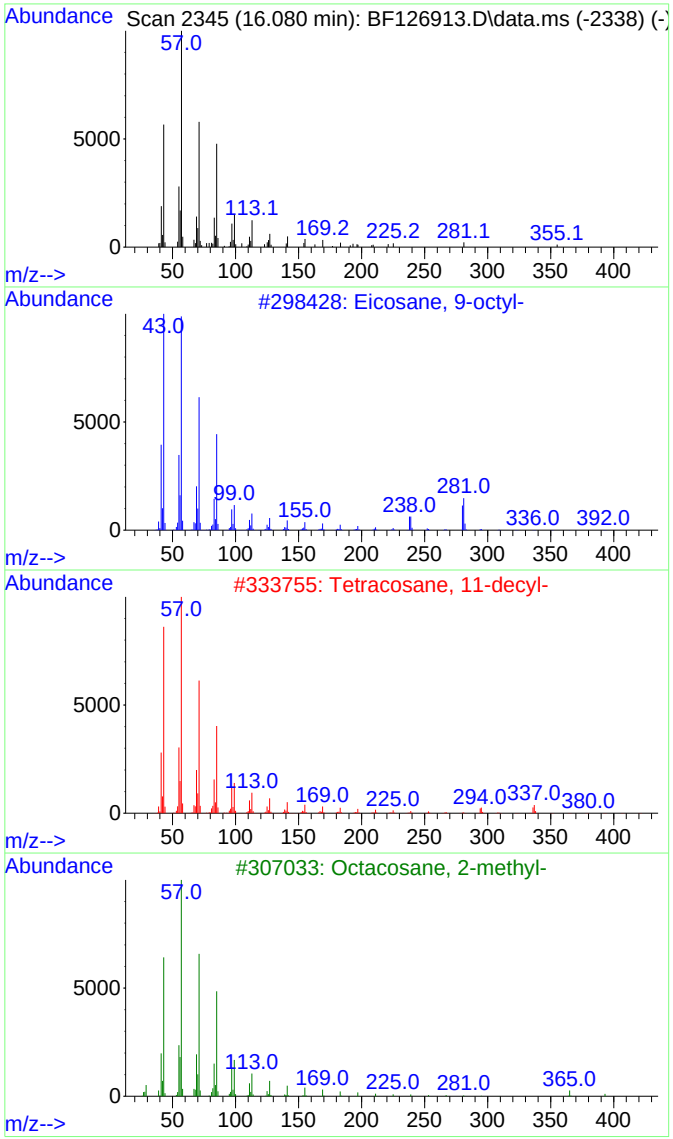
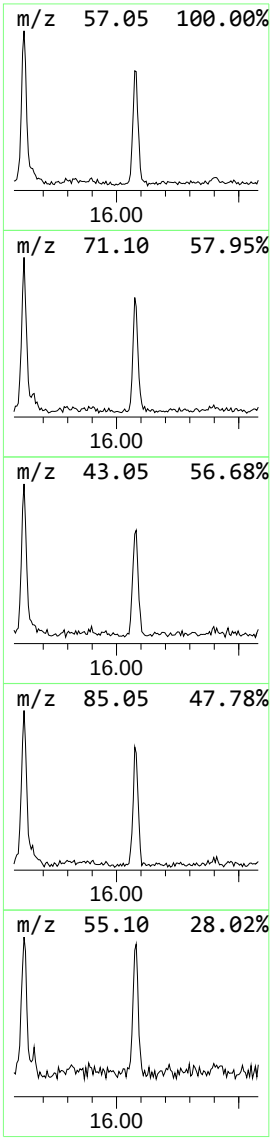
Peak Number 2 Eicosane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.080	2.90 ng	117362	Perylene-d12	15.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Data File : BF126913.D
Acq On : 16 Feb 2022 15:08
Operator : CG\JU
Sample : PB142428BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB142428BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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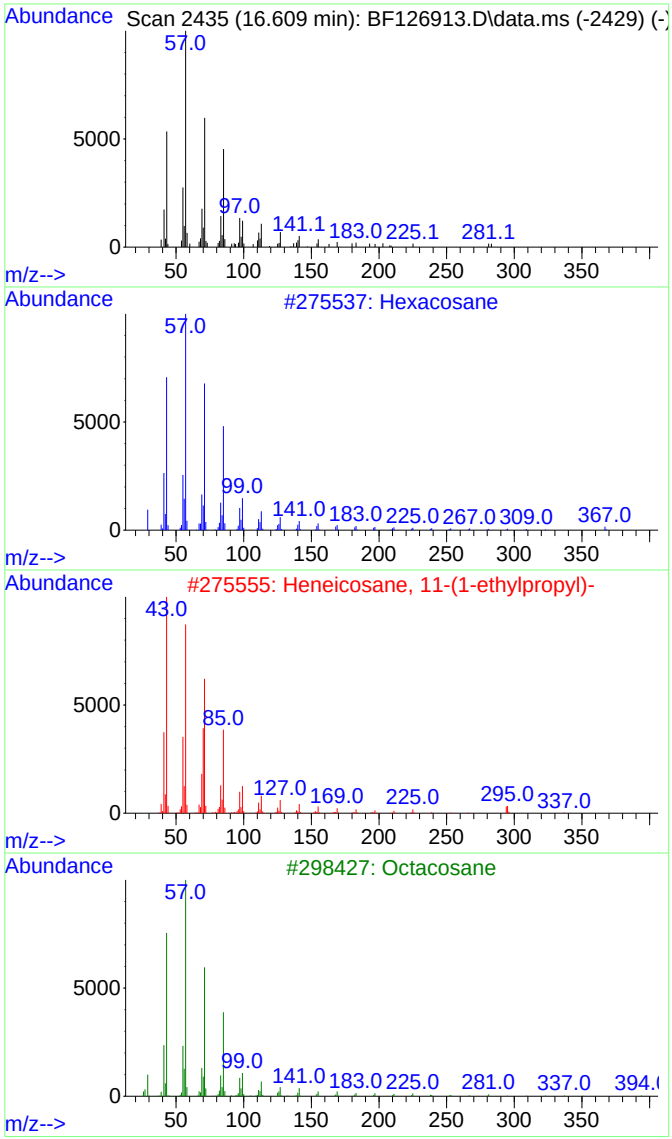
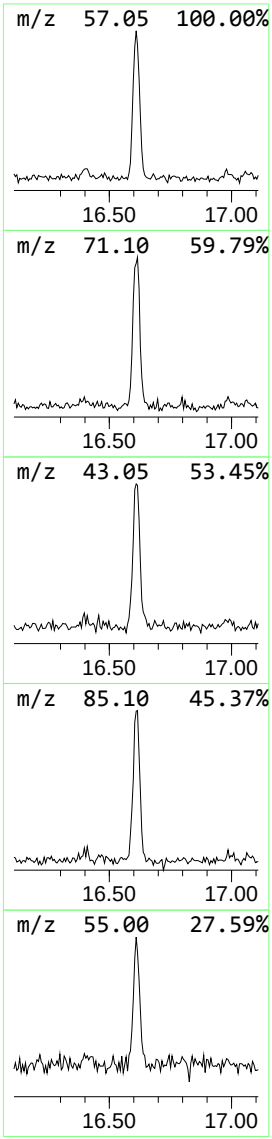
Peak Number 3 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.610	2.60 ng	105345	Perylene-d12	15.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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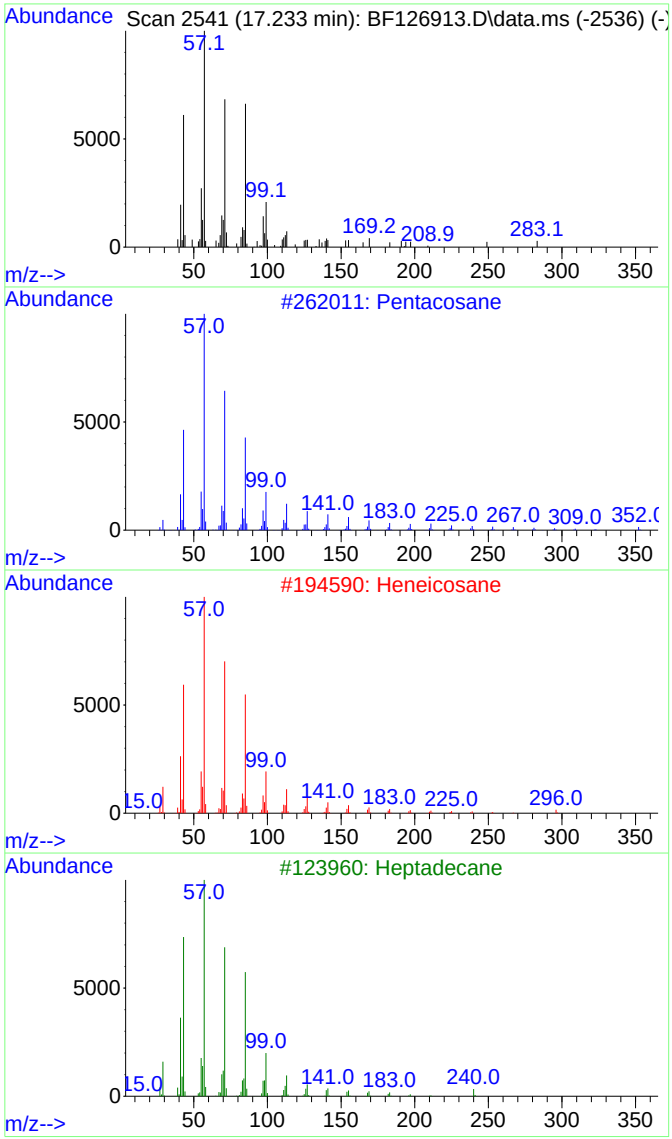
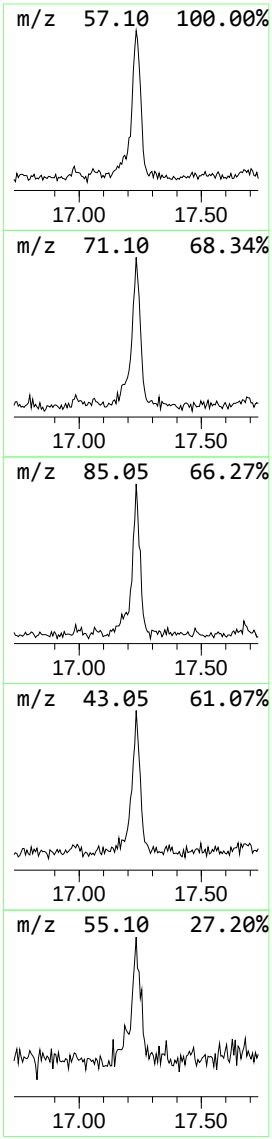
Peak Number 4 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.233	2.60 ng	105463	Perylene-d12	15.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	86
2	Heneicosane	296	C21H44	000629-94-7	80
3	Heptadecane	240	C17H36	000629-78-7	64
4	9-methylheptadecane	254	C18H38	026741-18-4	64
5	Nonadecane	268	C19H40	000629-92-5	59





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Operator : CG\JU
Sample : PB142428BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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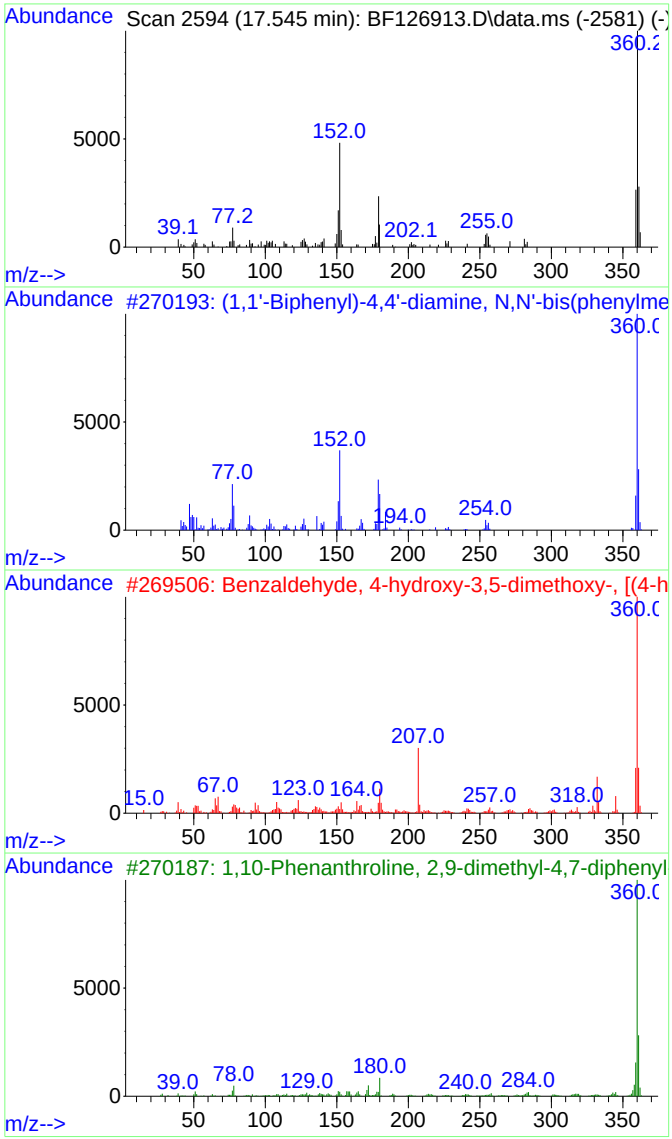
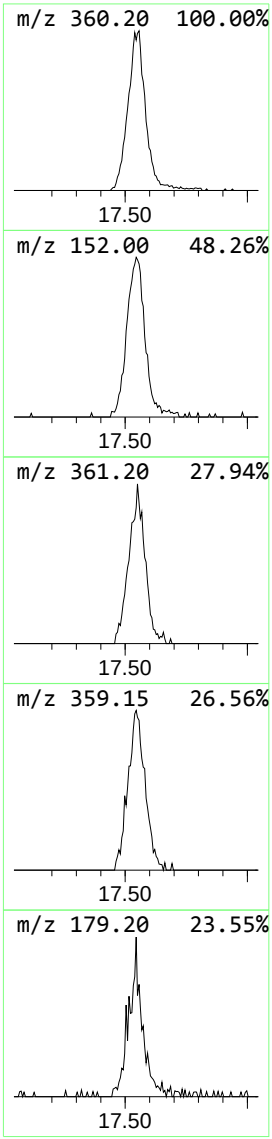
Peak Number 5 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.545	4.51 ng	182836	Perylene-d12	15.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	91
2	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	49
3	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	49
4	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	46
5	Ethene, 1-(anthracen-9-yl)-2-(4-...	360	C27H20O	1000163-55-1	43





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Eicosane	15.227	2.0	ng	82821	6	15.610	810523	20.0
Eicosane, 9-octyl-	16.080	2.9	ng	117362	6	15.610	810523	20.0
Hexacosane	16.610	2.6	ng	105345	6	15.610	810523	20.0
Pentacosane	17.233	2.6	ng	105463	6	15.610	810523	20.0
(1,1'-Biphenyl)...	17.545	4.5	ng	182836	6	15.610	810523	20.0