LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127939.D
Acq On : 27 Apr 2022 12:06
Operator : CG\JU
Sample : PB144392BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB144392BL

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127939.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.104	304	309	316	rVB	77453	90758	1.83%	0.307%
2	5.193	486	494	503	rBV	42155	52939	1.07%	0.179%
3	5.563	552	557	560	rBV	3066421	2875037	57.86%	9.729%
4	6.551	720	725	729	rBV	2584364	3004333	60.46%	10.167%
5	6.928	786	789	793	rBV	1042508	933817	18.79%	3.160%
6	7.498	879	886	889	rBV	2467456	2901271	58.39%	9.818%
7	8.216	1002	1008	1011	rBV	1214676	1270982	25.58%	4.301%
8	9.292	1184	1191	1194	rBV	4654840	4894276	98.50%	16.563%
9	9.975	1301	1307	1310	rBV	1593394	1480975	29.80%	5.012%
10	10.763	1435	1441	1445	rBV	2282600	2168072	43.63%	7.337%
11	11.463	1554	1560	1564	rBV	1631345	1544202	31.08%	5.226%
12	13.057	1826	1831	1834	rBV	5034825	4968980	100.00%	16.816%
13	14.110	2006	2010	2014	rBV	1333713	1221245	24.58%	4.133%
14	14.316	2039	2045	2059	rVB6	18333	68284	1.37%	0.231%
15	14.880	2138	2141	2147	rBV	75005	77223	1.55%	0.261%
16	15.233	2198	2201	2207	rVB	93582	111887	2.25%	0.379%
17	15.627	2262	2268	2276	rBV	774992	1139084	22.92%	3.855%
18	16.092	2343	2347	2354	rVB	87985	136846	2.75%	0.463%
19	16.627	2433	2438	2447	rVB2	76308	133230	2.68%	0.451%
20	17.256	2541	2545	2554	rVB2	51798	116834	2.35%	0.395%
21	17.592	2595	2602	2616	rVB4	67784	274453	5.52%	0.929%
22	18.003	2665	2672	2683	rBV4	29952	85050	1.71%	0.288%

Sum of corrected areas: 29549778

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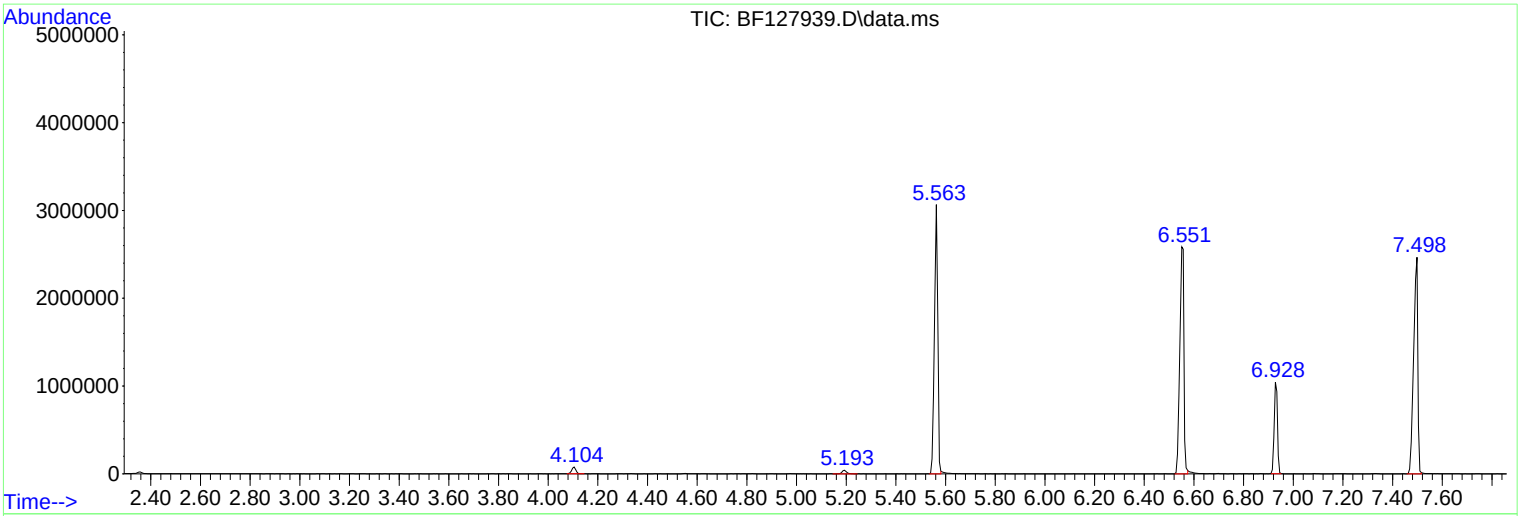
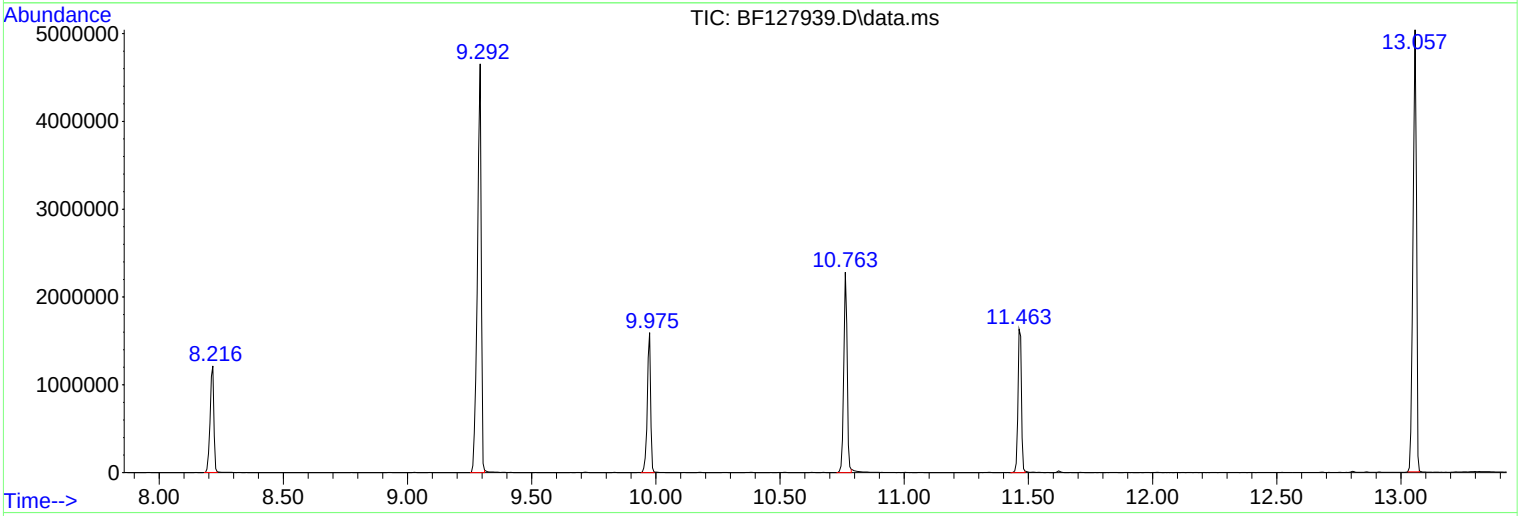
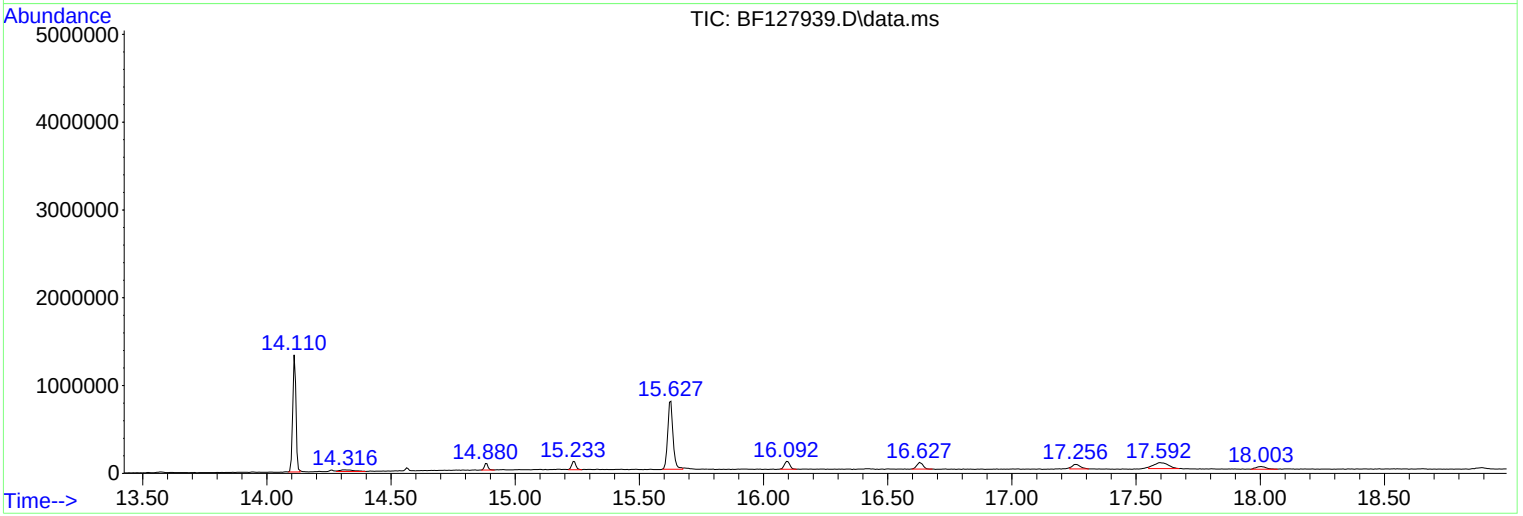
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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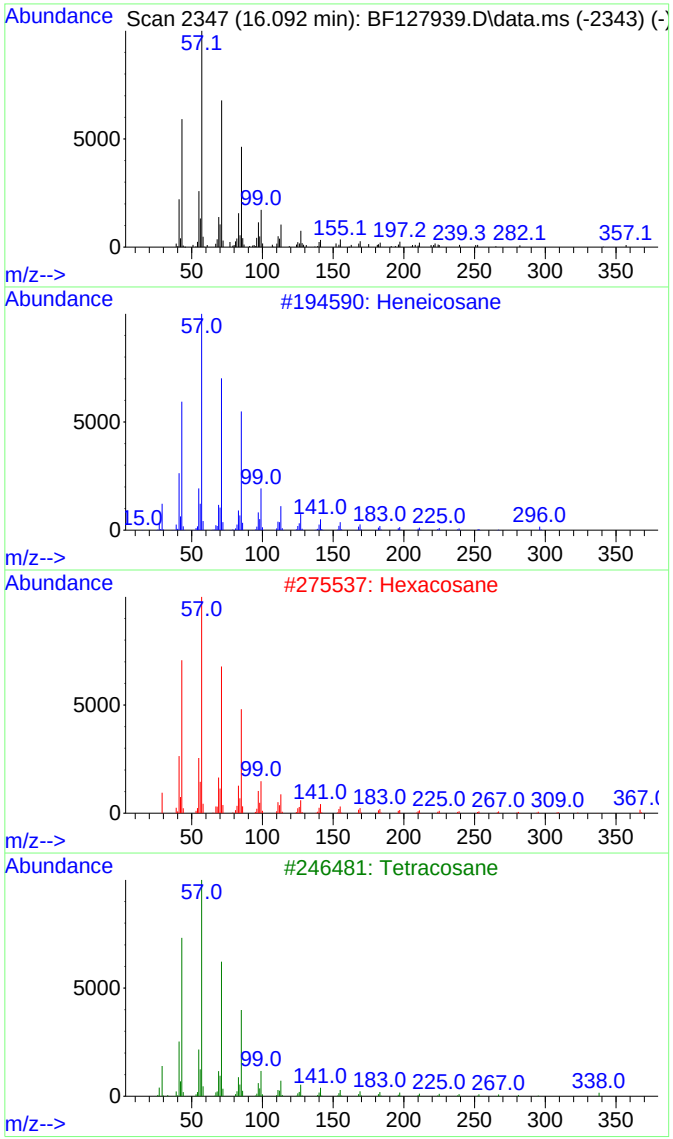
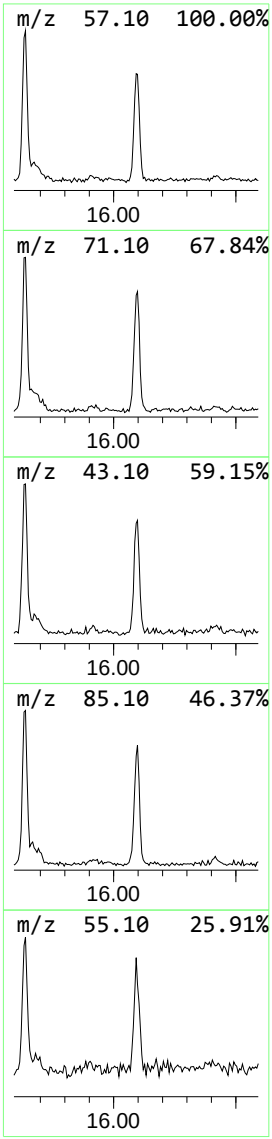
Peak Number 1 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	2.40 ng	136846	Perylene-d12	15.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87





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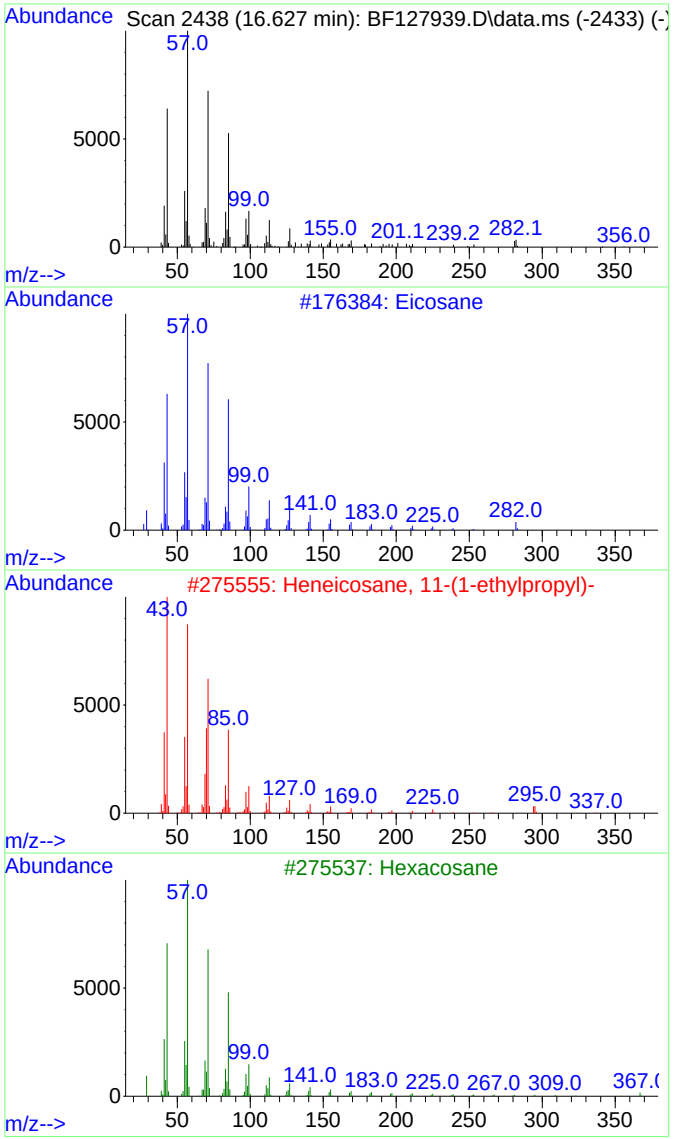
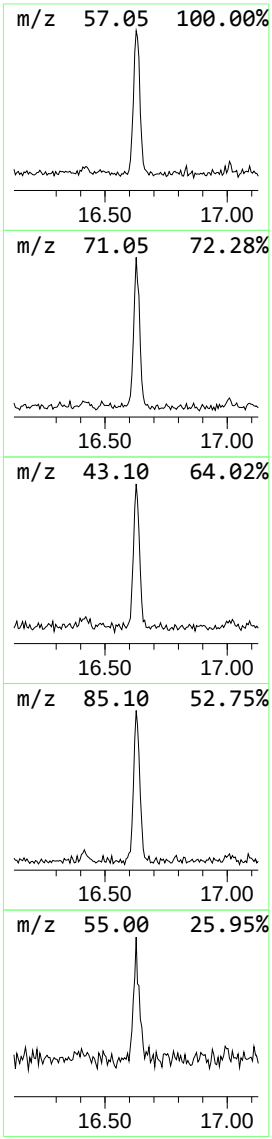
Peak Number 2 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.627	2.34 ng	133230	Perylene-d12	15.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	86
5	Heptadecane	240	C17H36	000629-78-7	86





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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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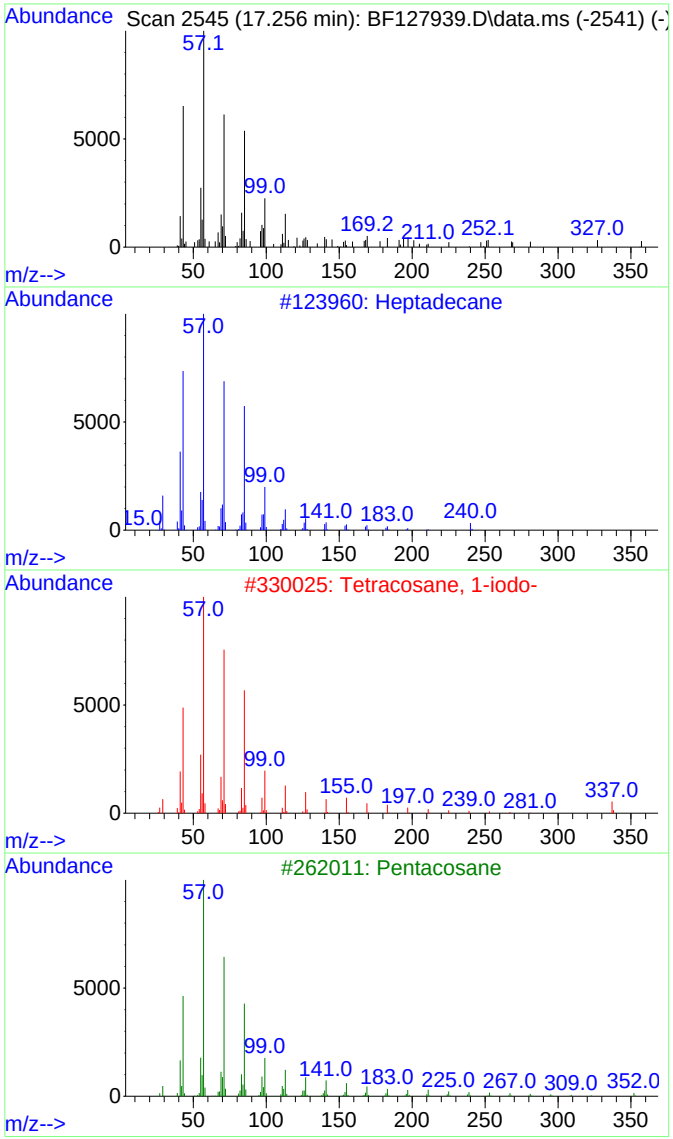
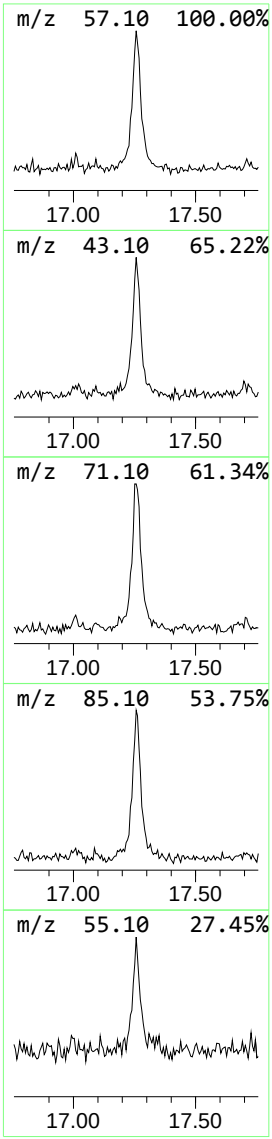
Peak Number 3 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.256	2.05 ng	116834	Perylene-d12	15.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	86
3	Pentacosane	352	C25H52	000629-99-2	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	86





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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TIC Library : C:\Database\NIST20.L
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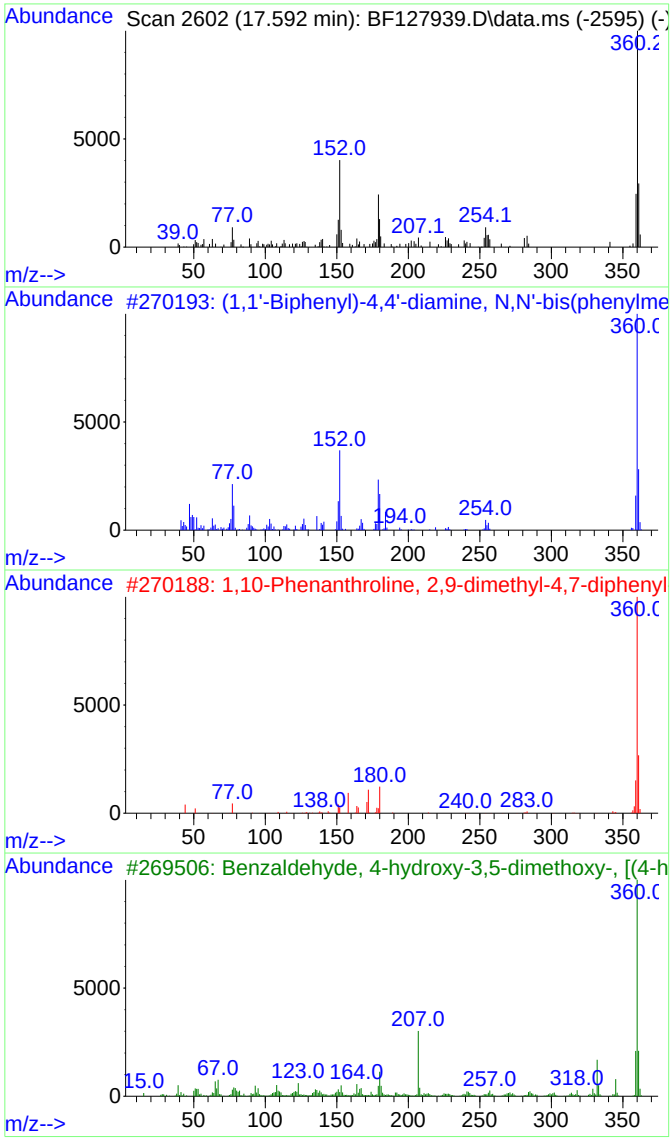
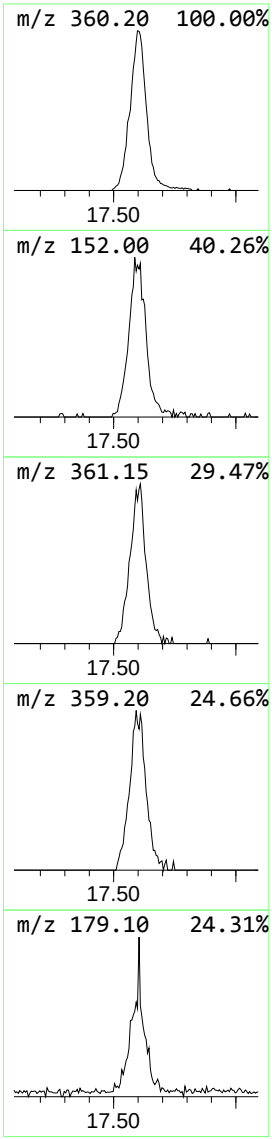
Peak Number 4 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.592	4.82 ng	274453	Perylene-d12	15.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	93
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	49
3	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	47
4	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	46
5	1,3,2-Dioxaborolane, bis(spiro[4...	360	C20H13BO6	1000150-23-7	43





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heneicosane	16.092	2.4	ng	136846	6	15.621	1139080	20.0
Eicosane	16.627	2.3	ng	133230	6	15.621	1139080	20.0
Heptadecane	17.256	2.0	ng	116834	6	15.621	1139080	20.0
(1,1'-Biphenyl)...	17.592	4.8	ng	274453	6	15.621	1139080	20.0