LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134095.D
Acq On : 06 Jul 2023 12:14
Operator : CG\JU
Sample : PB153188BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153188BL

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134095.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.504	406	411	420	rBV	492891	588125	11.07%	1.775%
2	5.110	507	514	529	rBV	1469675	2302415	43.35%	6.950%
3	5.498	575	580	583	rBV	3612236	3713573	69.92%	11.209%
4	6.487	742	748	751	rBV	3200418	3731734	70.26%	11.264%
5	6.845	805	809	821	rBV	970677	792714	14.93%	2.393%
6	7.410	899	905	908	rBV	2410680	2501606	47.10%	7.551%
7	8.122	1021	1026	1030	rBV	1118463	1046478	19.70%	3.159%
8	9.204	1203	1210	1213	rBV	4728136	4598776	86.59%	13.881%
9	9.886	1320	1326	1329	rBV	1310750	1214001	22.86%	3.664%
10	10.680	1456	1461	1464	rBV	3488659	3290015	61.95%	9.931%
11	11.380	1576	1580	1587	rBV	1384430	1354288	25.50%	4.088%
12	12.980	1847	1852	1855	rBV	5179610	5311116	100.00%	16.032%
13	14.039	2027	2032	2043	rBV	1217239	1203766	22.67%	3.634%
14	14.268	2062	2071	2084	rVB5	31256	120708	2.27%	0.364%
15	15.539	2281	2287	2297	rBV	751651	1050347	19.78%	3.170%
16	15.662	2303	2308	2319	rVB5	23437	71521	1.35%	0.216%
17	16.033	2366	2371	2379	rVB2	33972	56601	1.07%	0.171%
18	16.568	2457	2462	2468	rBV3	30995	55483	1.04%	0.167%
19	17.545	2620	2628	2645	rVB5	26282	125907	2.37%	0.380%

Sum of corrected areas: 33129174

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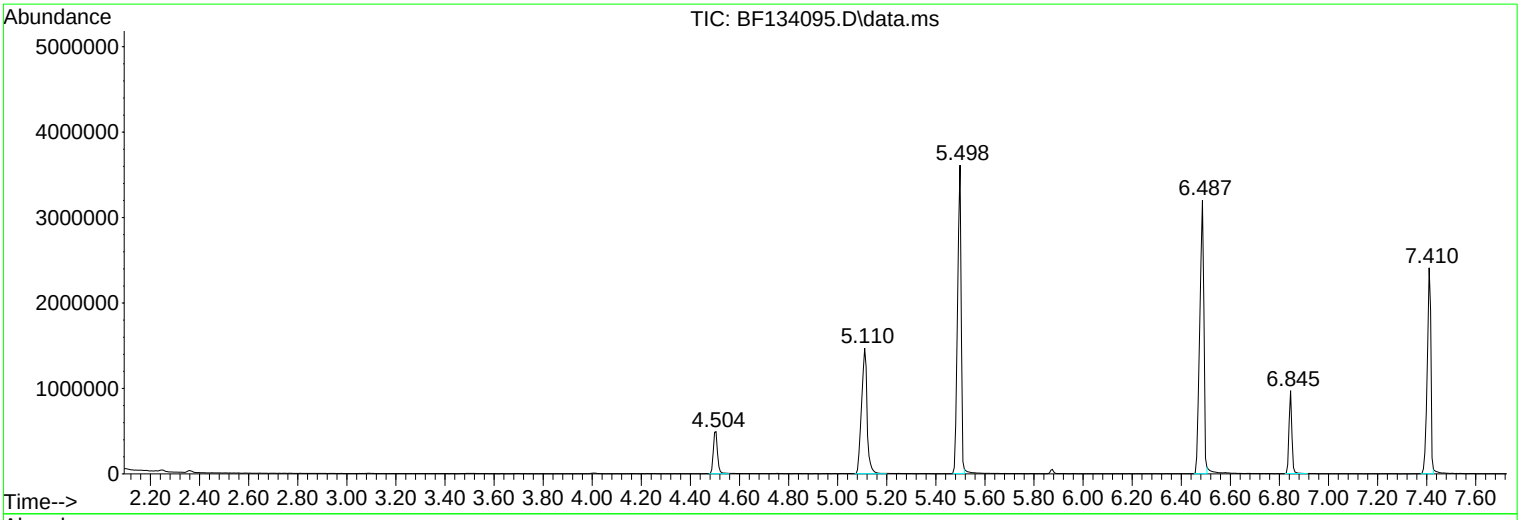
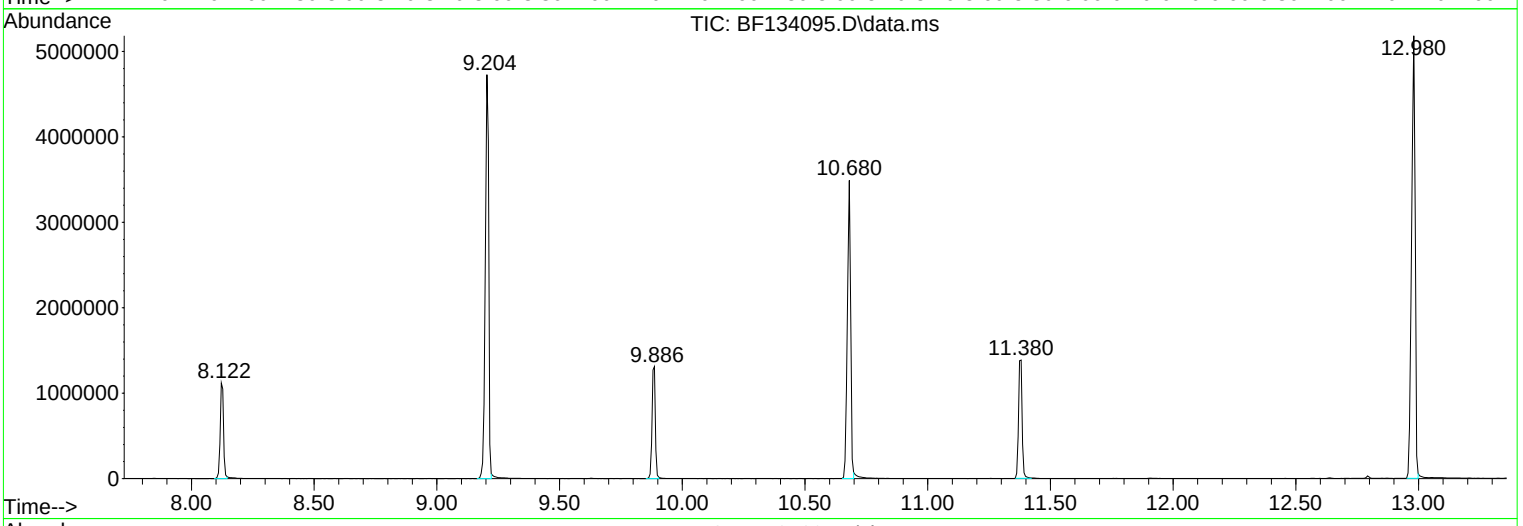
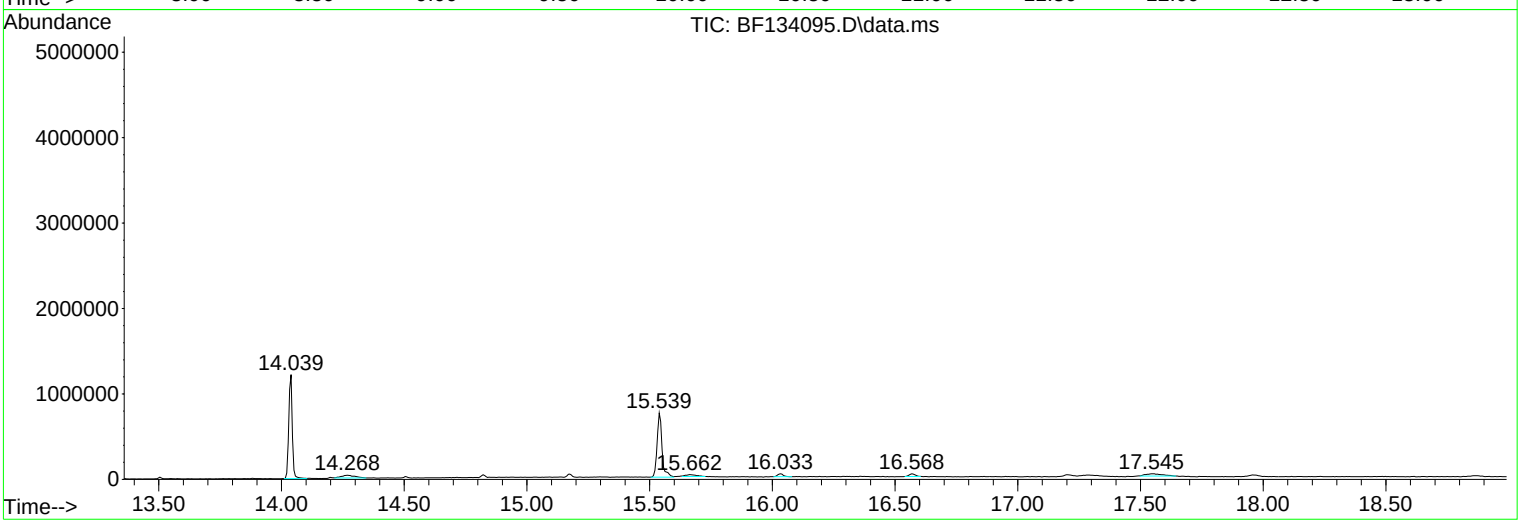
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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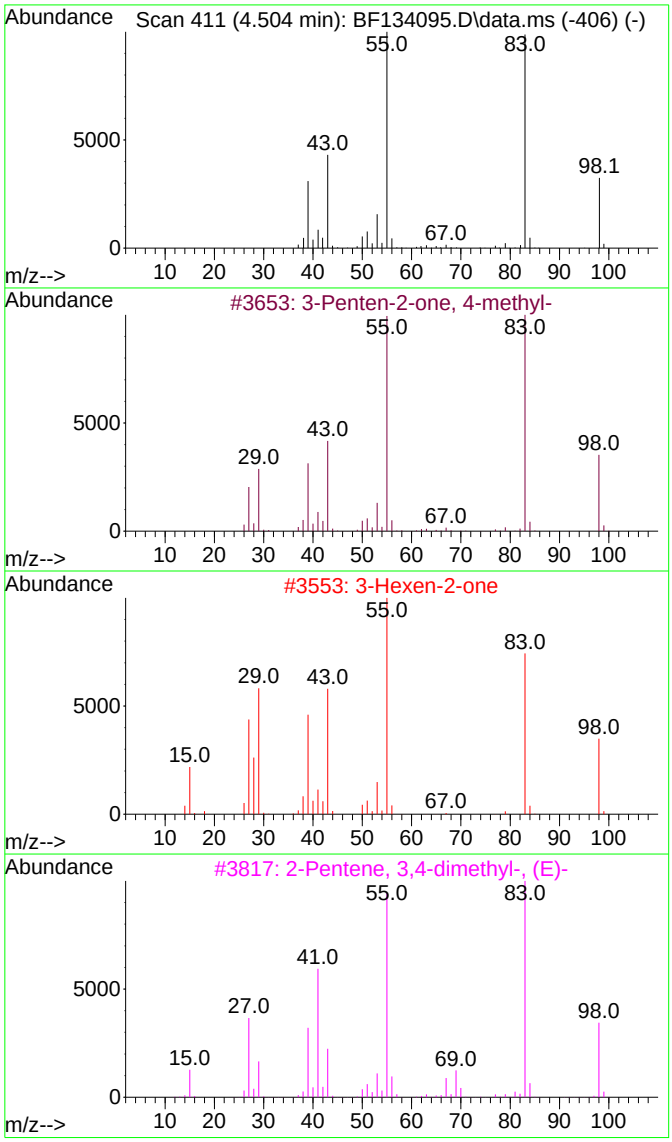
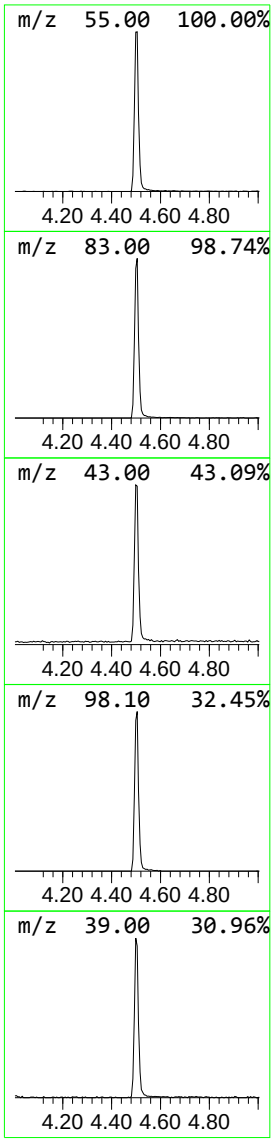
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.504	14.84 ng	588125	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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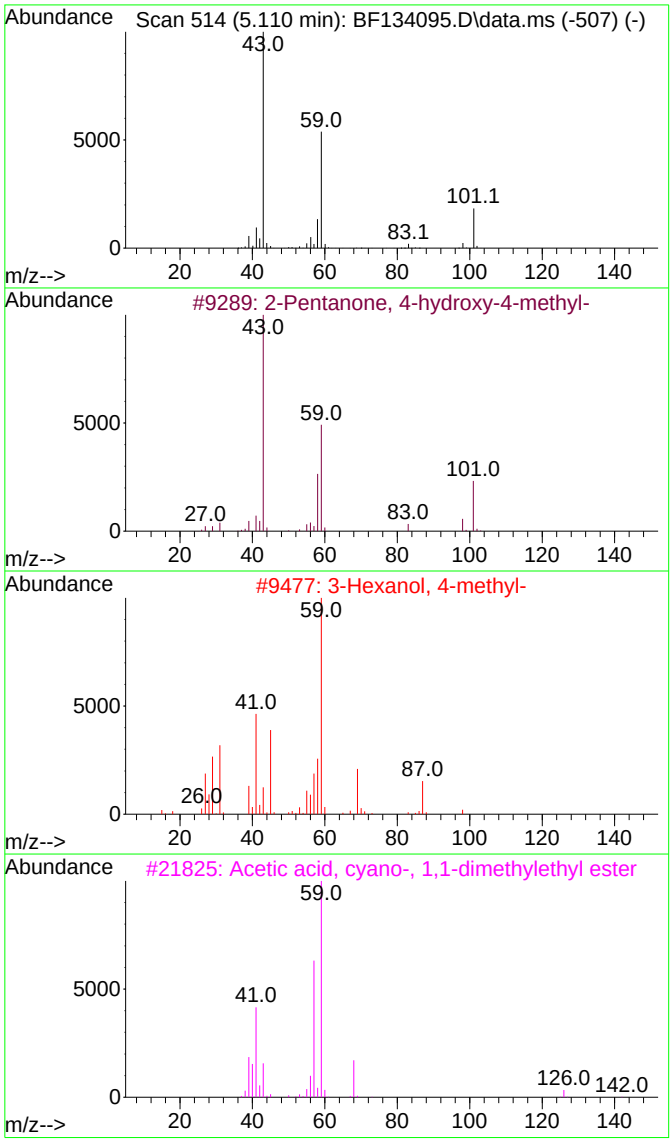
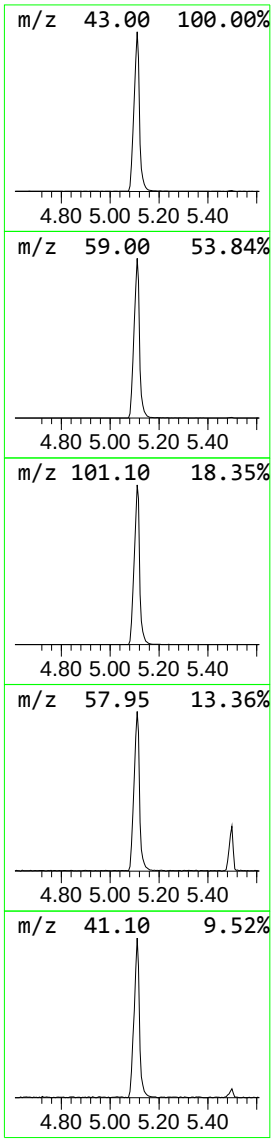
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	58.09 ng	2302420	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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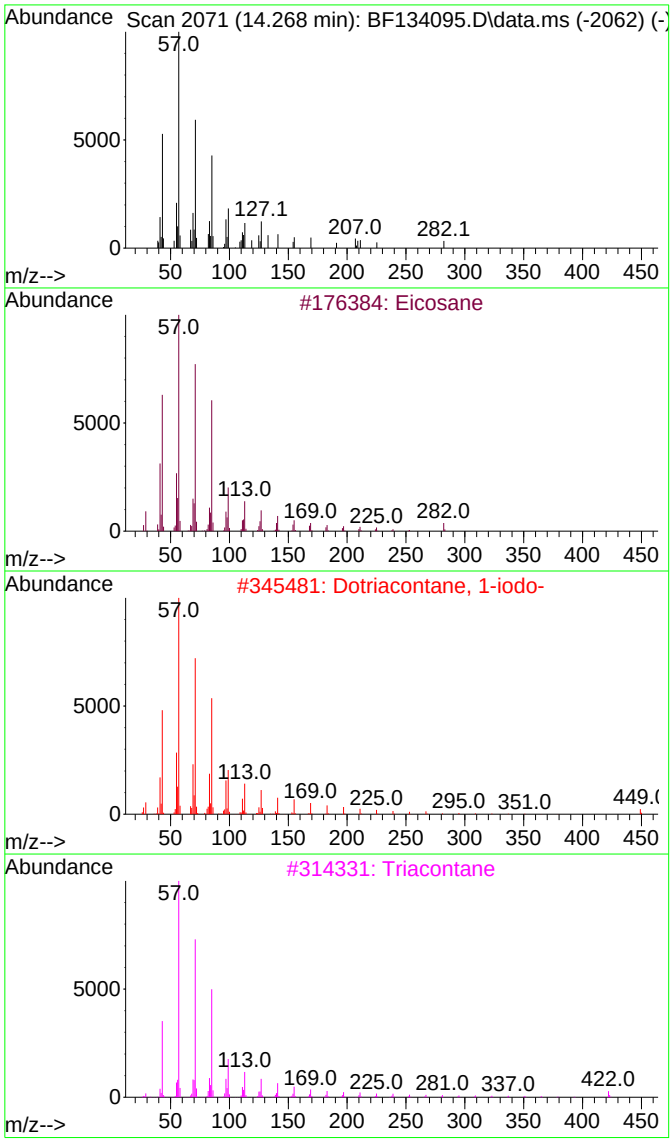
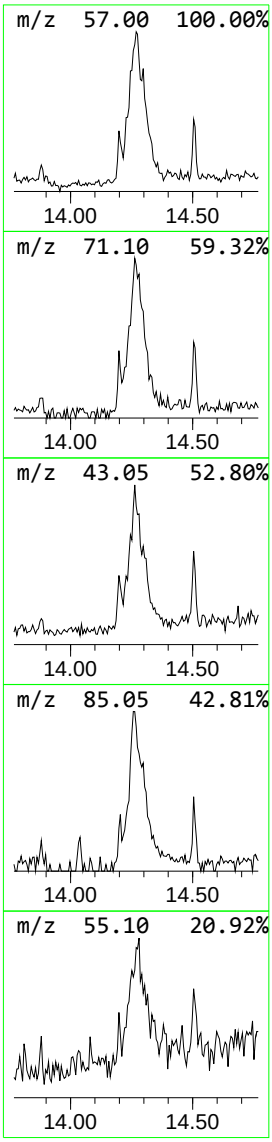
Peak Number 3 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	2.01 ng	120708	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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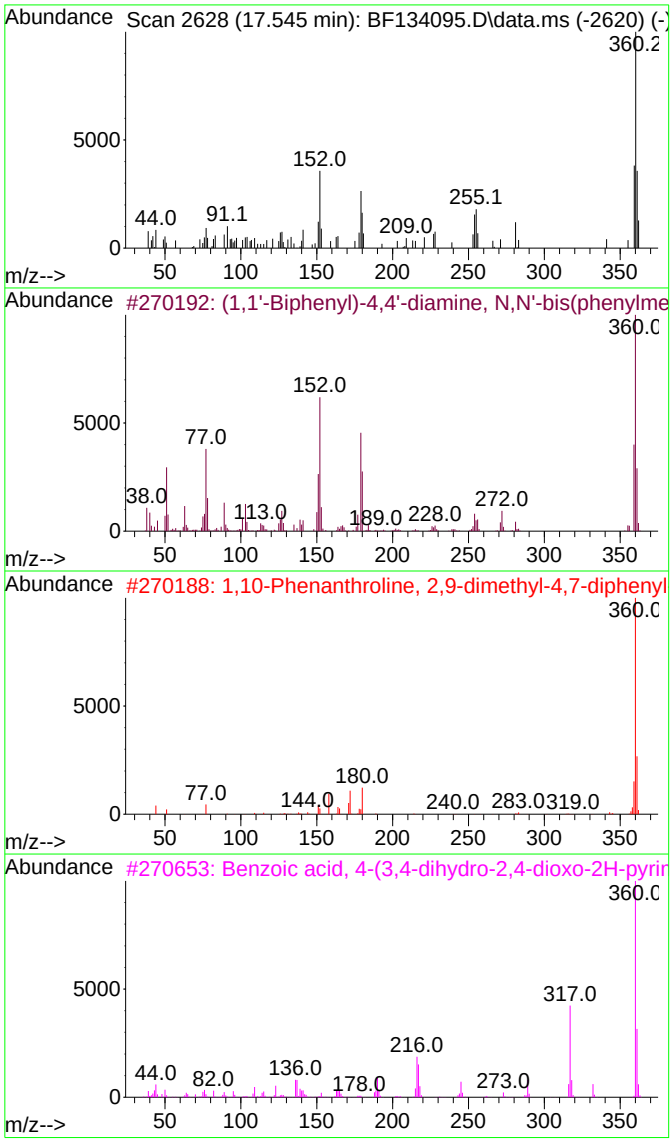
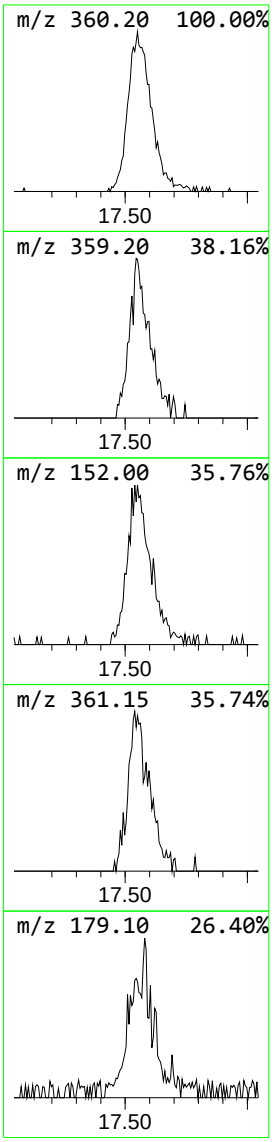
****
Peak Number 4 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.545	2.40 ng	125907	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	95
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	38
3	Benzoic acid, 4-(3,4-dihydro-2,4...	361	C20H15N3O4	317326-96-8	38
4	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	38
5	[2,2'-Bipyridine]-4,4'-dimethano...	360	C18H28N2O2Si2	1000507-23-6	23





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.504	14.8	ng	588125	1	6.845	792714	20.0
2-Pentanone, 4-...	5.110	58.1	ng	2302420	1	6.845	792714	20.0
Eicosane	14.269	2.0	ng	120708	5	14.039	1203770	20.0
(1,1'-Biphenyl)...	17.545	2.4	ng	125907	6	15.539	1050350	20.0