LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
Data File : BF126058.D
Acq On : 8 Nov 2021 11:09
Operator : JU/CG
Sample : PB140512BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB140512BL

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126058.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	9	18	22	rVB	152947	210532	2.34%	0.459%
2	5.481	571	577	579	rBV	5003974	5412625	60.08%	11.812%
3	6.481	741	747	750	rBV	5054442	5640898	62.61%	12.310%
4	6.851	806	810	814	rBV	1423576	1089418	12.09%	2.377%
5	7.416	900	906	909	rBV	3695472	3620332	40.18%	7.901%
6	8.134	1023	1028	1032	rBV	1562990	1410110	15.65%	3.077%
7	9.210	1205	1211	1214	rBV	7415375	7297147	81.00%	15.925%
8	9.886	1321	1326	1330	rBV	2112672	1797914	19.96%	3.924%
9	10.675	1455	1460	1464	rBV	5162751	5101755	56.63%	11.134%
10	11.375	1575	1579	1582	rBV	2222359	1959652	21.75%	4.277%
11	12.963	1844	1849	1852	rBV	9351693	9009276	100.00%	19.661%
12	13.733	1966	1980	1985	rBV7	25649	110268	1.22%	0.241%
13	14.010	2023	2027	2038	rVB	1921432	1678097	18.63%	3.662%
14	15.474	2270	2276	2286	rBV	1025581	1308543	14.52%	2.856%
15	16.898	2512	2518	2531	rVB6	46383	175863	1.95%	0.384%

Sum of corrected areas: 45822430

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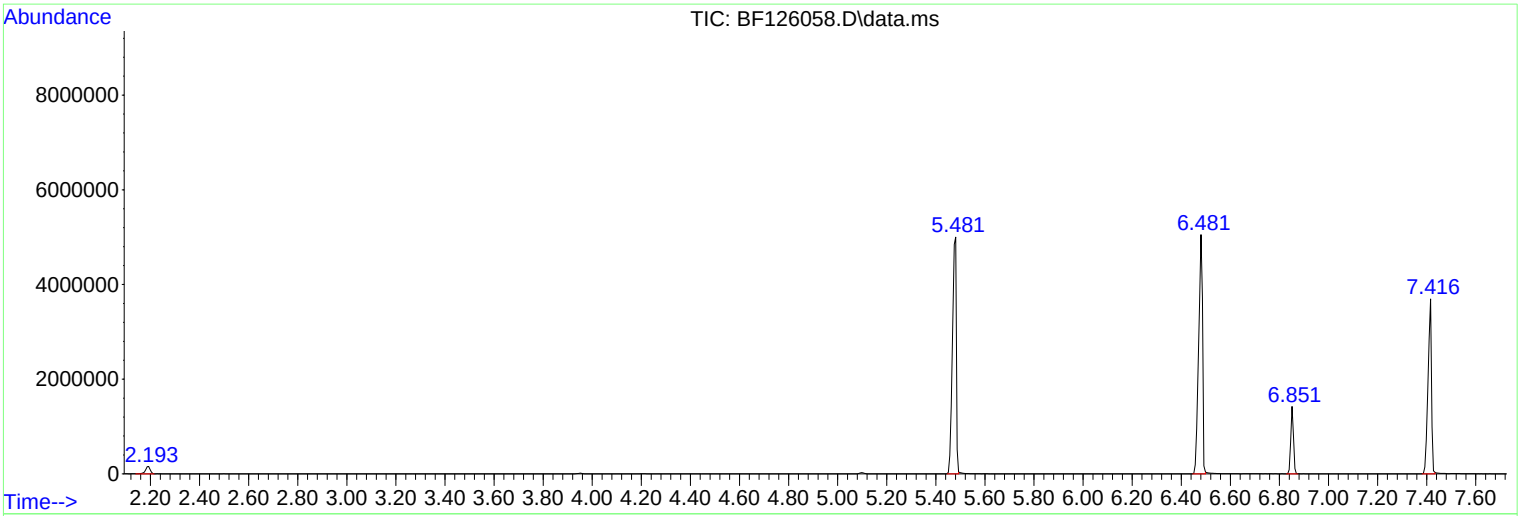
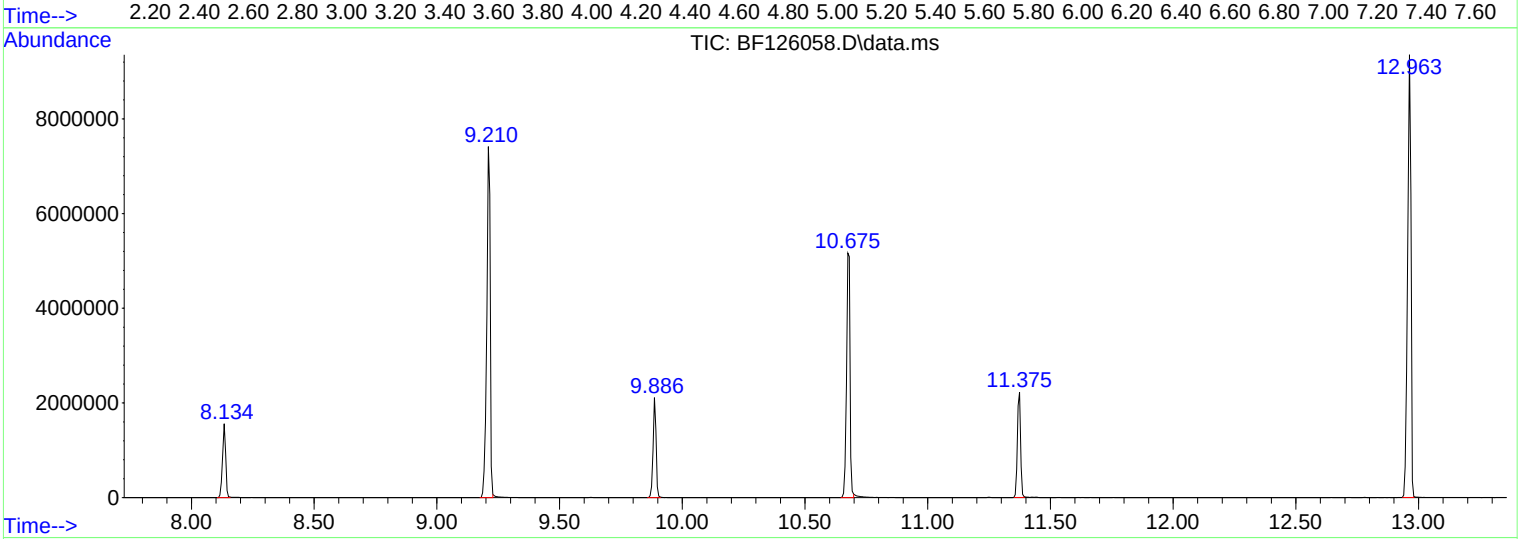
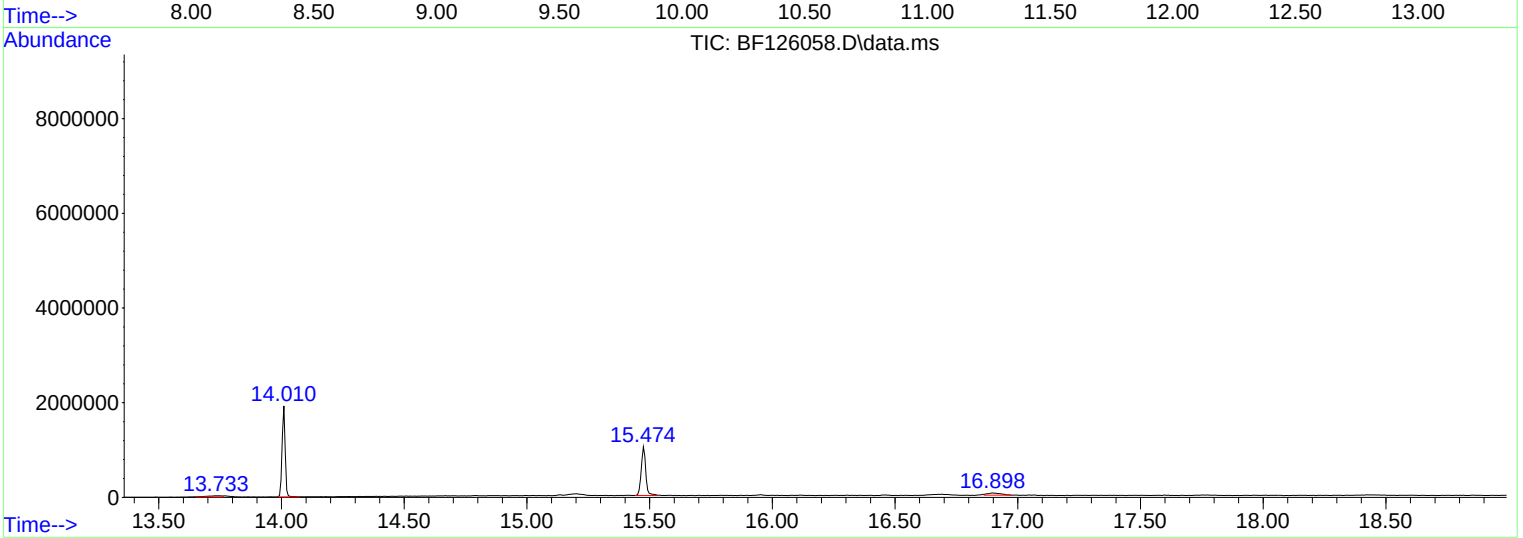
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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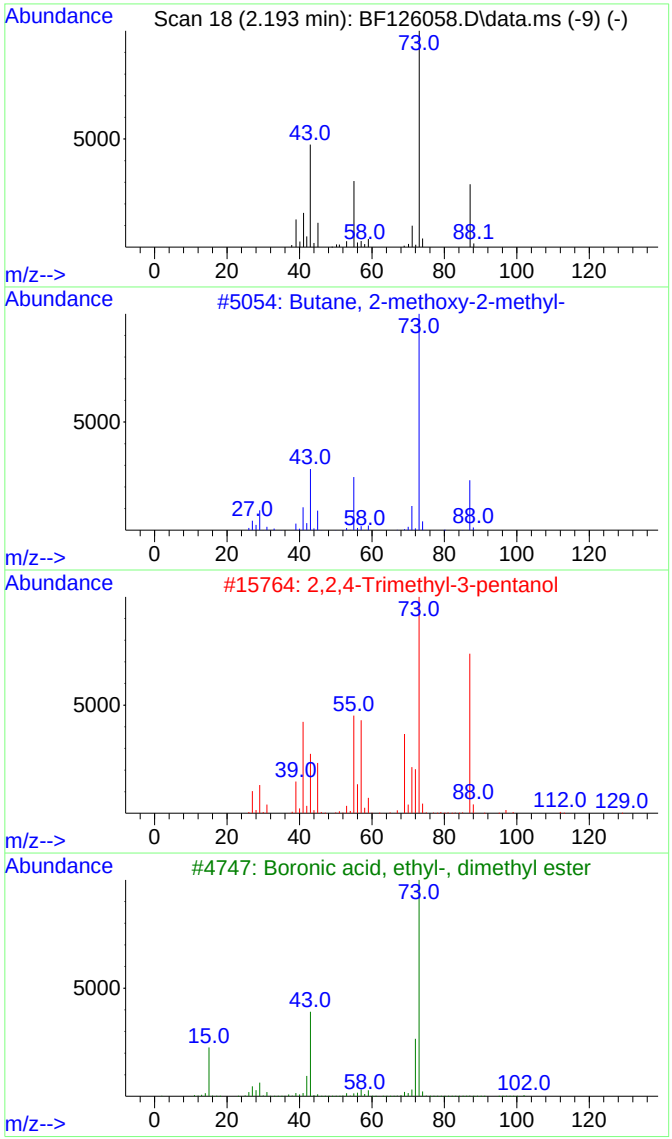
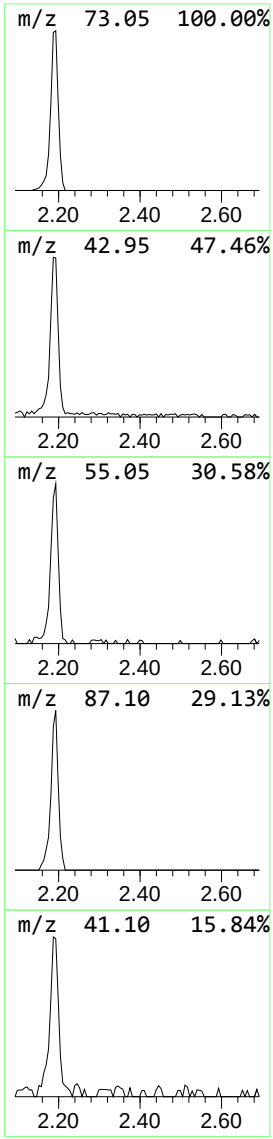
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	3.87 ng	210532	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	25
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25





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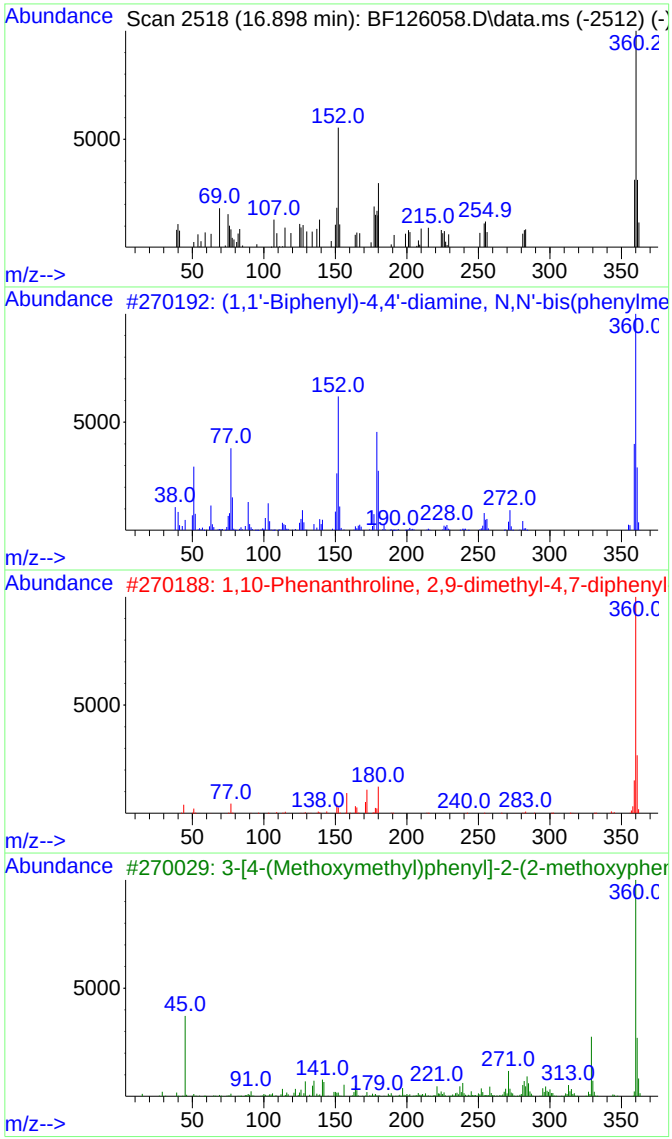
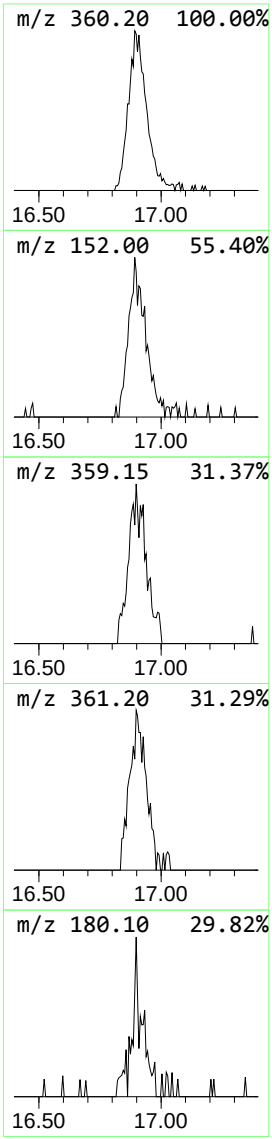
****
Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.898	2.69 ng	175863	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	76
2	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	43
3	3-[4-(Methoxymethyl)phenyl]-2-(2...	360	C23H20O2S	1000458-33-8	35
4	[2,2'-Bipyridine]-4,4'-dimethano...	360	C18H28N2O2Si2	1000507-23-6	35
5	3'-Hydroxy-.alpha.-naphthoflavon...	360	C22H20O3Si	1000454-28-8	35





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.193	3.9	ng	210532	1	6.851	1089420	20.0
(1,1'-Biphenyl)...	16.898	2.7	ng	175863	6	15.474	1308540	20.0