LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142952.D
Acq On : 01 Jul 2025 16:27
Operator : RC/JU
Sample : Q2449-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200032

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142952.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	482	491	499	rBV	79810	113448	8.45%	1.277%
2	5.487	555	560	580	rVB	664555	884463	65.91%	9.959%
3	6.498	727	732	752	rBV	703157	924757	68.92%	10.412%
4	6.869	790	795	804	rBV	307708	375820	28.01%	4.232%
5	7.434	885	891	896	rBV	480706	598157	44.58%	6.735%
6	8.157	1009	1014	1019	rBV	397842	489830	36.50%	5.515%
7	9.234	1191	1197	1202	rBV	1051655	1341875	100.00%	15.109%
8	9.622	1259	1263	1266	rBV2	18091	26349	1.96%	0.297%
9	9.775	1286	1289	1292	rBV4	20436	31013	2.31%	0.349%
10	9.822	1293	1297	1300	rVB2	35862	51422	3.83%	0.579%
11	9.916	1307	1313	1317	rBV	431742	586870	43.74%	6.608%
12	10.316	1379	1381	1385	rBV2	35051	43608	3.25%	0.491%
13	10.628	1431	1434	1437	rBV	59712	63652	4.74%	0.717%
14	10.704	1443	1447	1452	rBV	537072	701255	52.26%	7.896%
15	11.404	1562	1566	1570	rBV	420877	525422	39.16%	5.916%
16	12.992	1831	1836	1843	rVB	803586	1065456	79.40%	11.997%
17	13.892	1985	1989	2007	rVB2	52317	146460	10.91%	1.649%
18	14.045	2011	2015	2026	rVV	263522	368408	27.45%	4.148%
19	14.139	2028	2031	2039	rVB	24725	35177	2.62%	0.396%
20	14.533	2094	2098	2108	rVB	53900	106469	7.93%	1.199%
21	15.539	2263	2269	2277	rVB	248194	377679	28.15%	4.253%
22	16.086	2354	2362	2365	rBV7	8156	23692	1.77%	0.267%

Sum of corrected areas: 8881282

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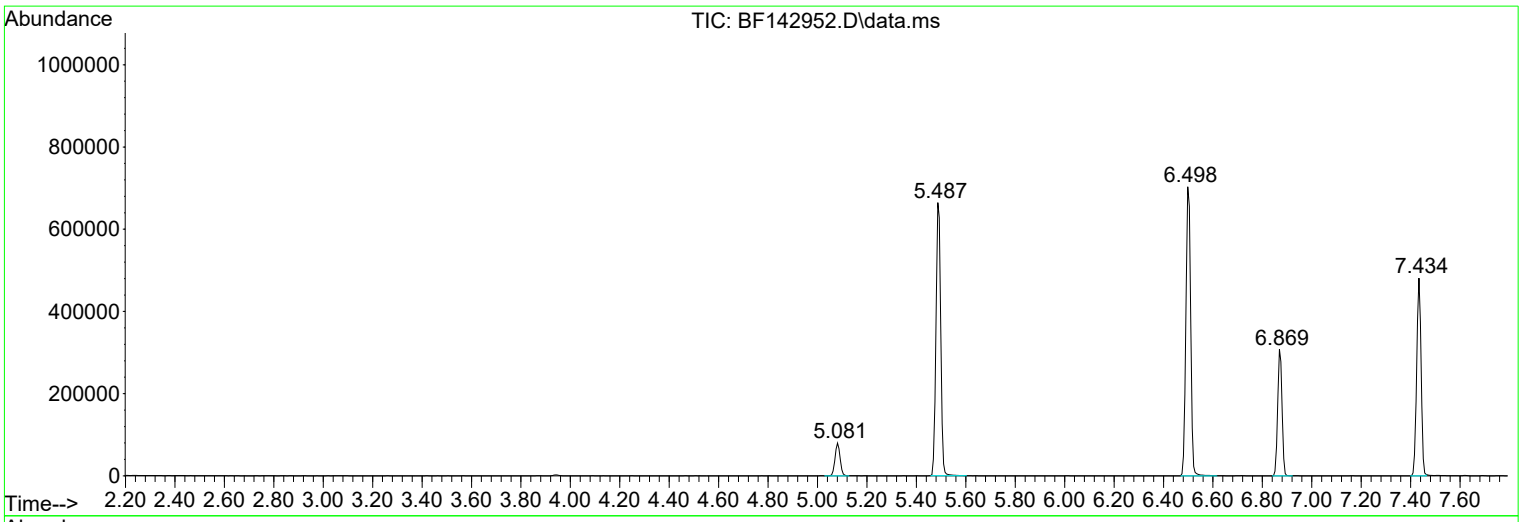
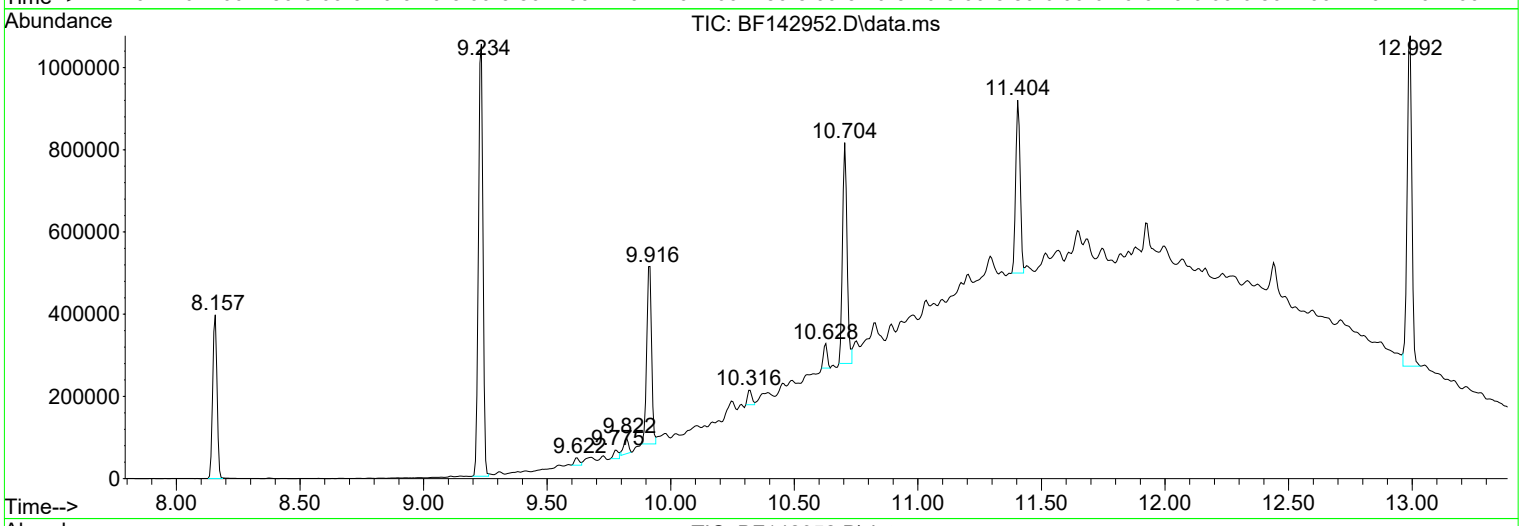
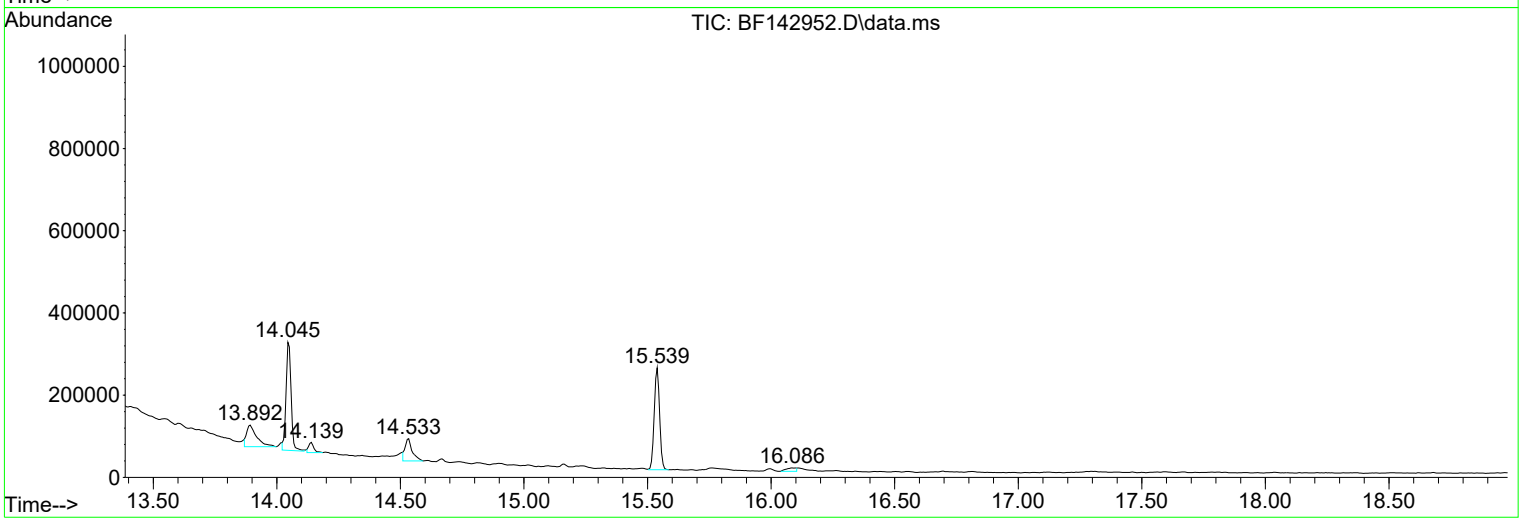
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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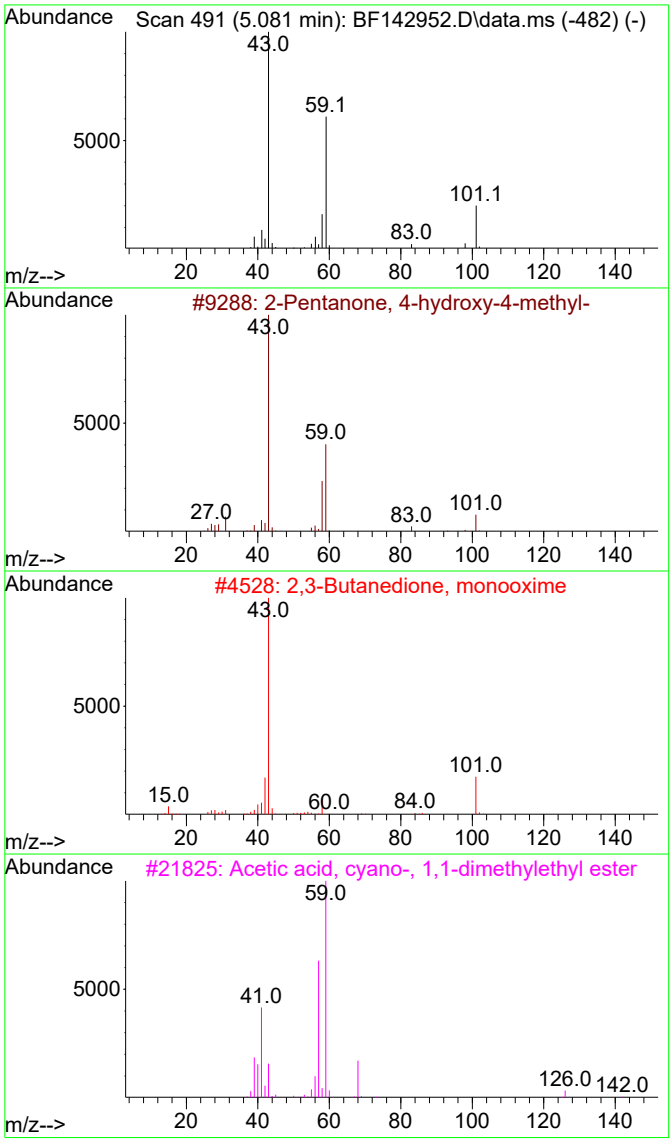
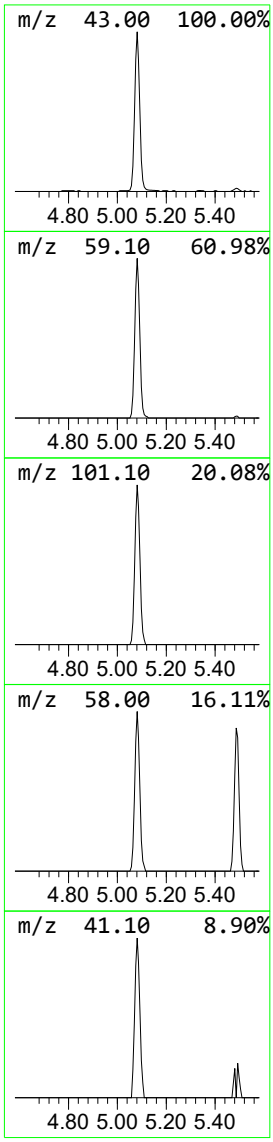
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	6.04 ng	113448	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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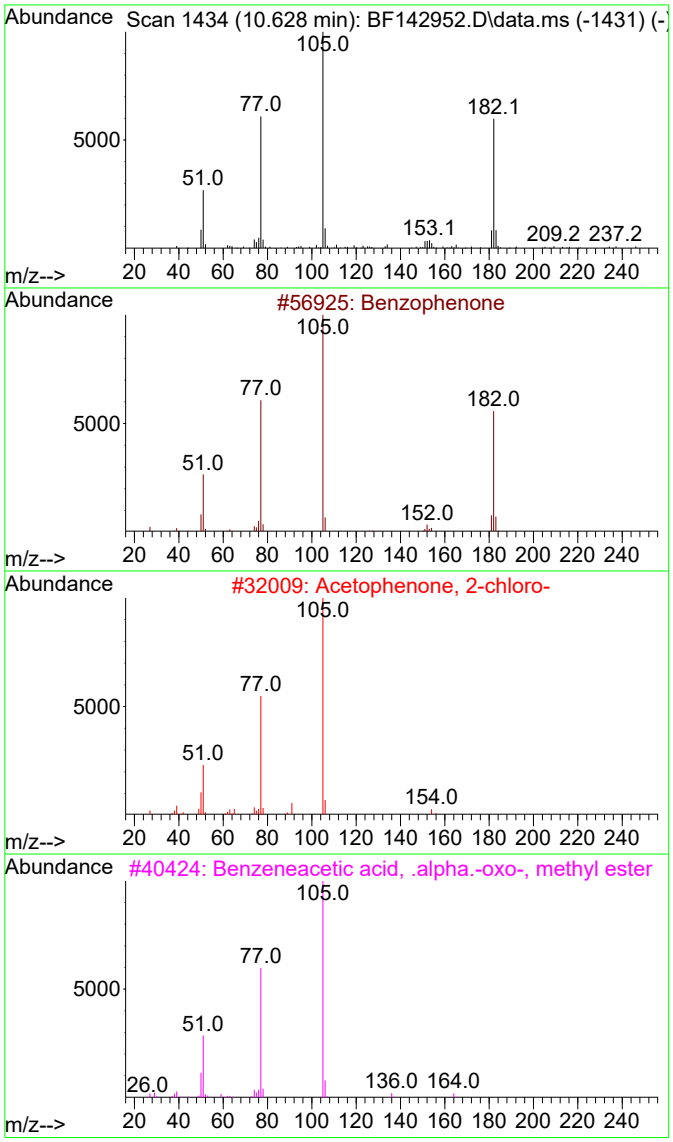
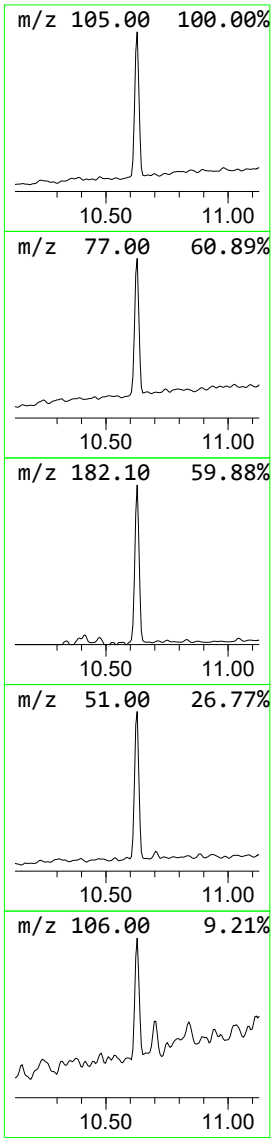
Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	2.17 ng	63652	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	53
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
4	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47
5	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	47





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ClientSampleId :
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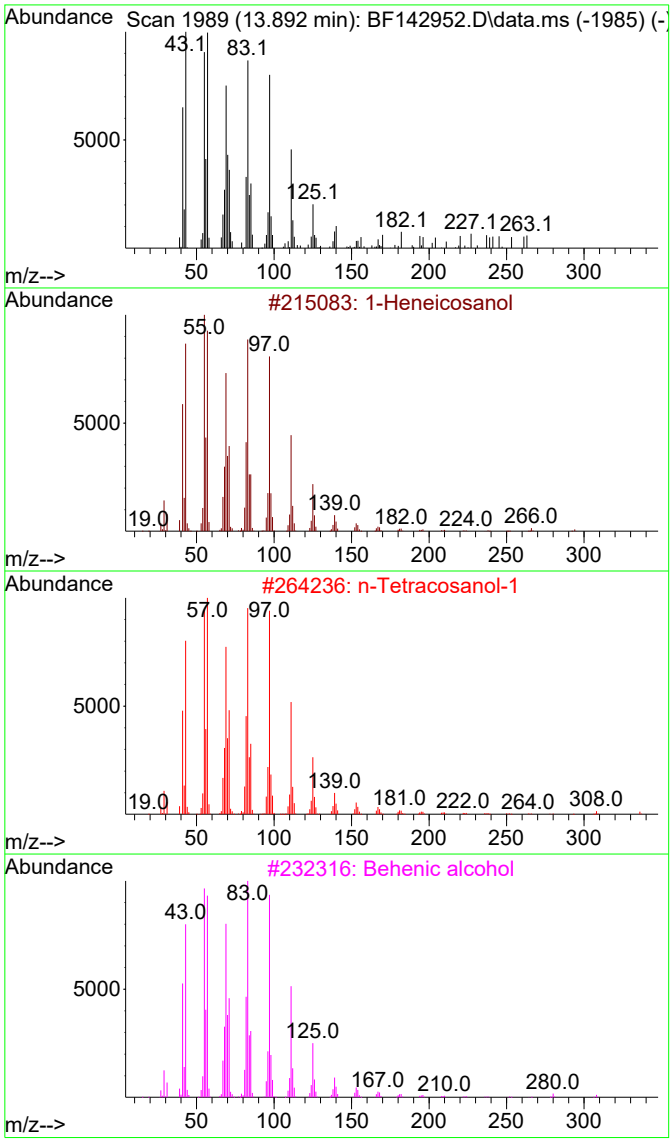
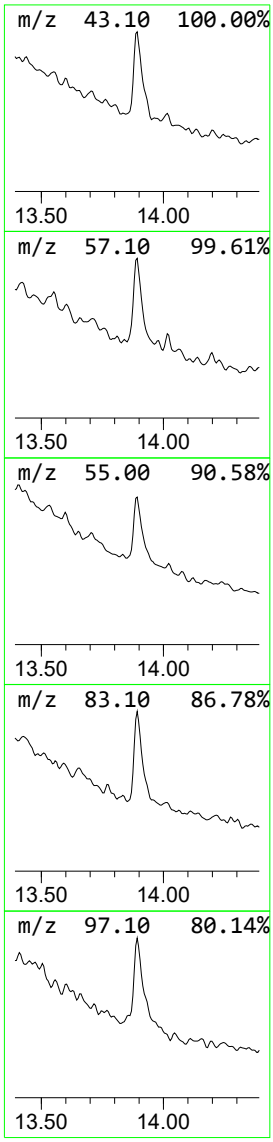
Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	7.95 ng	146460	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Tetracosene	336	C24H48	010192-32-2	91





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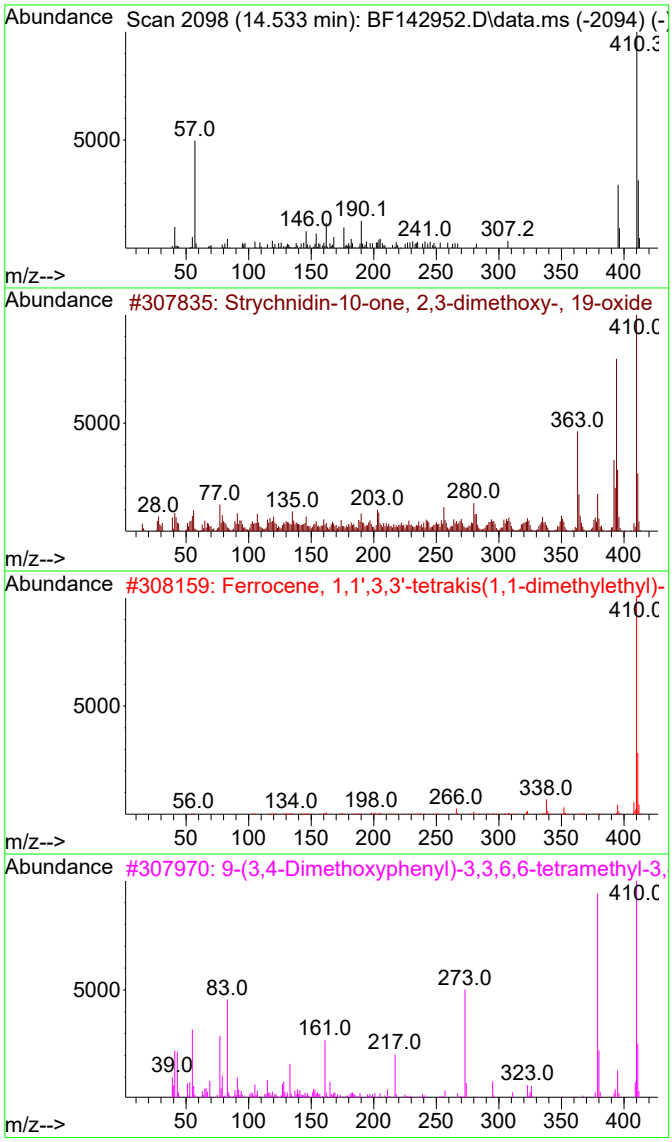
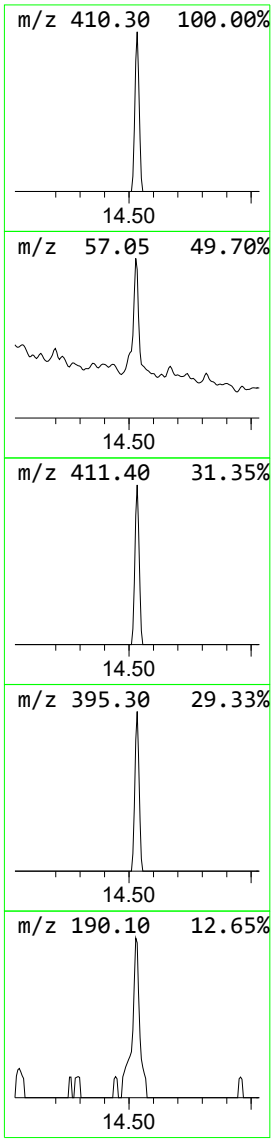
****
Peak Number 4 Strychnidin-10-one, 2,3-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.533	5.78 ng	106469	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Strychnidin-10-one, 2,3-dimethox...	410	C23H26N2O5	017301-81-4	64
2	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	40
3	9-(3,4-Dimethoxyphenyl)-3,3,6,6-...	410	C25H30O5	071827-94-6	40
4	3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	40
5	2'-Hydroxy-3,4,5-trimethoxychalc...	410	C20H17F3O6	1000449-43-8	36





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.081	6.0	ng	113448	1	6.869	375820	20.0
Benzophenone	10.628	2.2	ng	63652	3	9.916	586870	20.0
1-Heneicosanol	13.892	8.0	ng	146460	5	14.045	368408	20.0
Strychnidin-10-...	14.533	5.8	ng	106469	5	14.045	368408	20.0