LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
Data File : BF129978.D
Acq On : 24 Aug 2022 18:34
Operator : CG\JU
Sample : N4244-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-105D

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129978.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	456	458	478	rVB	83903	109322	2.76%	0.525%
2	5.404	527	530	552	rBV	1151023	1387477	35.08%	6.664%
3	6.428	701	704	718	rBV	756147	815049	20.61%	3.915%
4	6.763	758	761	768	rBV	709068	632964	16.00%	3.040%
5	7.339	854	859	862	rBV	2283441	2171897	54.91%	10.432%
6	8.045	976	979	991	rBV	1017200	839260	21.22%	4.031%
7	9.122	1157	1162	1165	rBV	4819799	3955394	100.00%	18.999%
8	9.798	1273	1277	1281	rBV	1127749	911909	23.05%	4.380%
9	10.180	1338	1342	1345	rBV	2585413	2089256	52.82%	10.035%
10	10.598	1409	1413	1416	rBV	2781511	2276465	57.55%	10.934%
11	11.292	1527	1531	1538	rBV	956141	824175	20.84%	3.959%
12	12.733	1772	1776	1783	rBV	45180	58857	1.49%	0.283%
13	12.874	1795	1800	1803	rBV	3999973	3310874	83.71%	15.903%
14	13.933	1977	1980	1989	rVB	616782	610344	15.43%	2.932%
15	14.021	1992	1995	1999	rBV	94269	91094	2.30%	0.438%
16	14.374	2052	2055	2059	rBV	64076	60009	1.52%	0.288%
17	14.674	2102	2106	2111	rBV	61729	62288	1.57%	0.299%
18	14.998	2157	2161	2165	rVB	49961	56627	1.43%	0.272%
19	15.386	2223	2227	2234	rVB	471107	555858	14.05%	2.670%

Sum of corrected areas: 20819119

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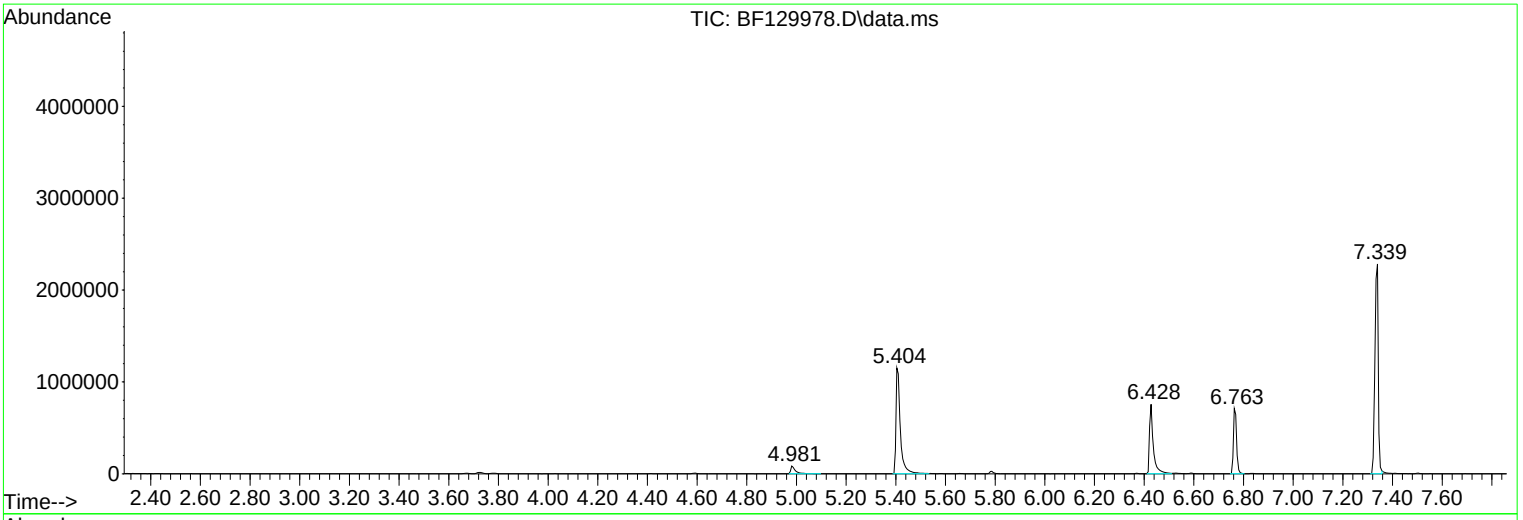
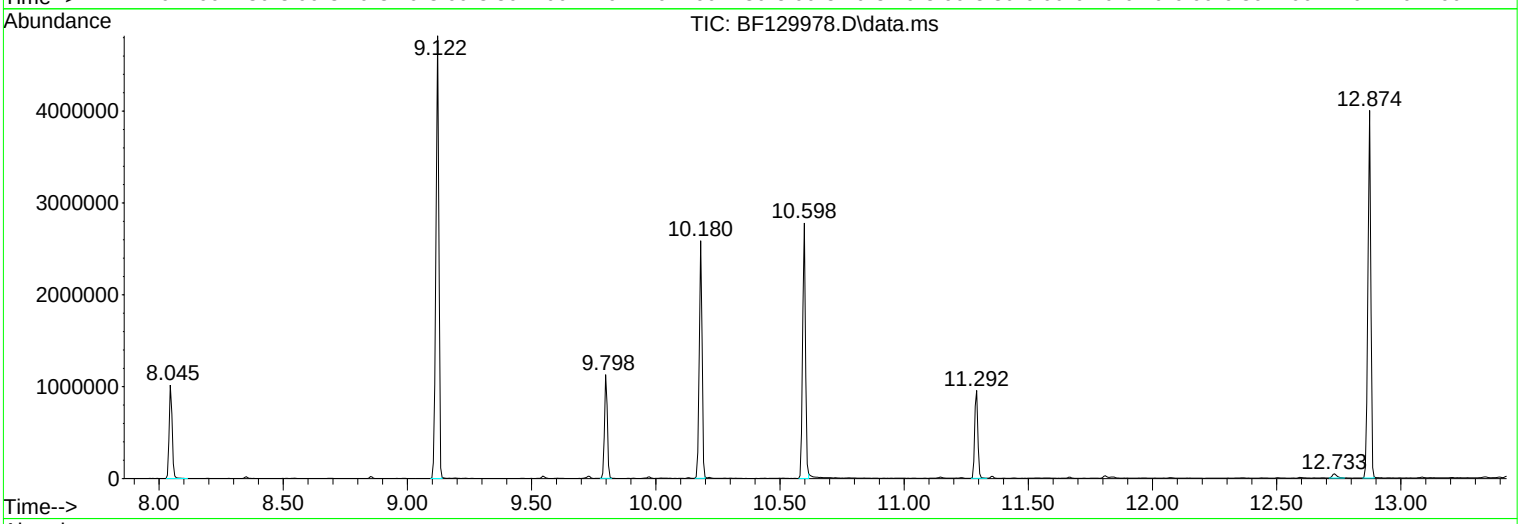
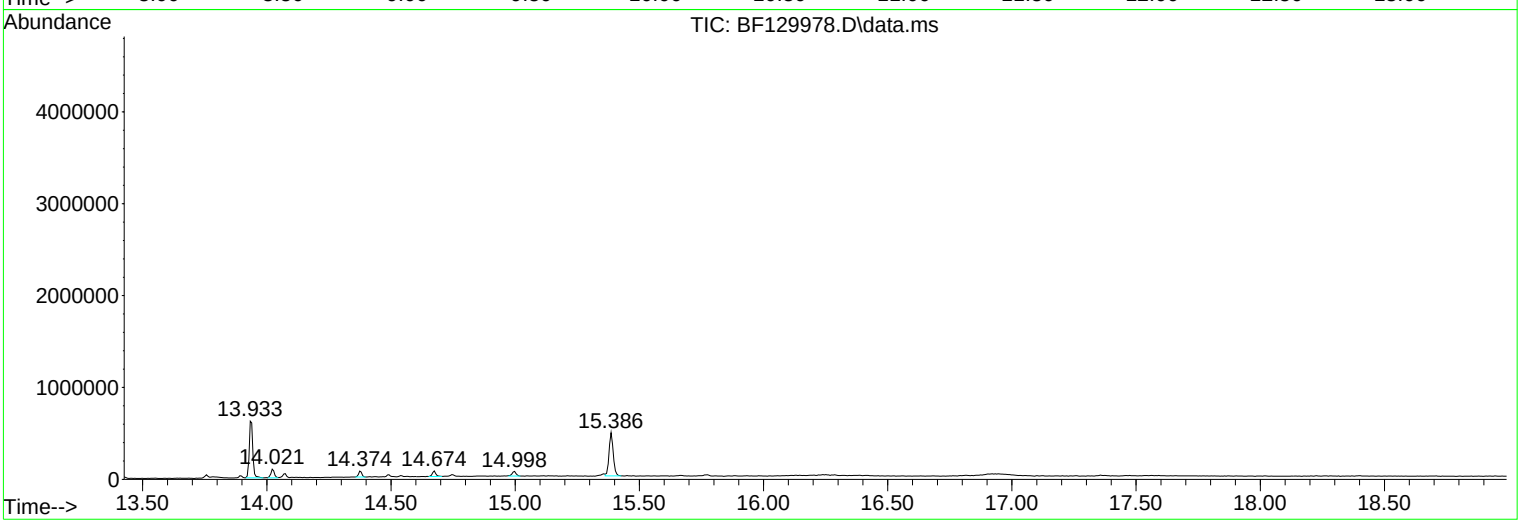
ClientSampleId :
MW-105D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.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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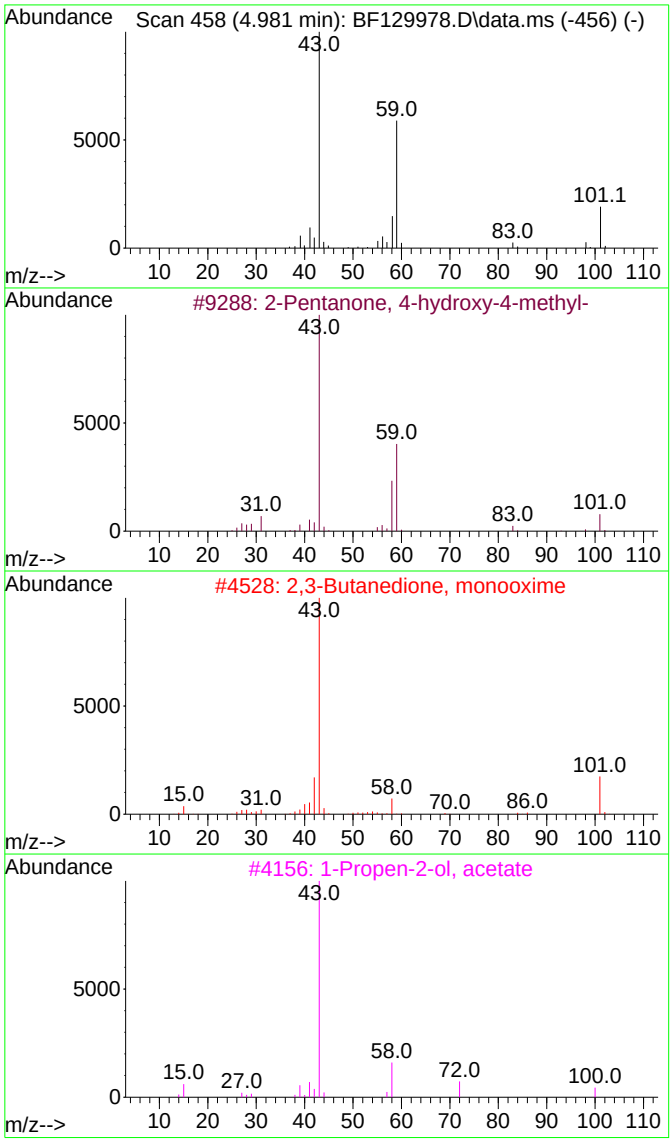
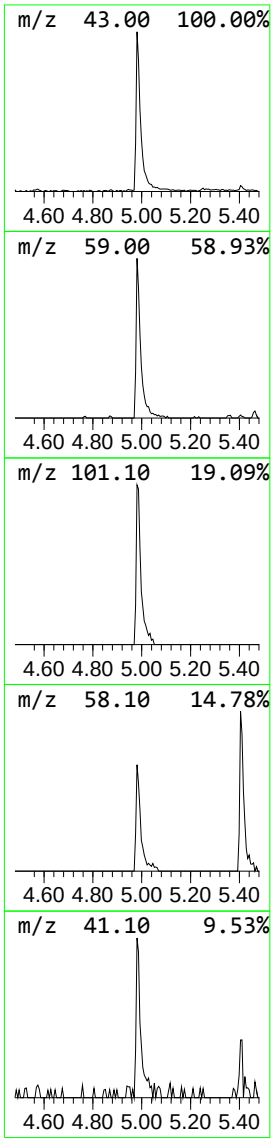
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	3.45 ng	109322	1,4-Dichlorobenzene-d4	6.763

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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane	58	C4H10	000106-97-8	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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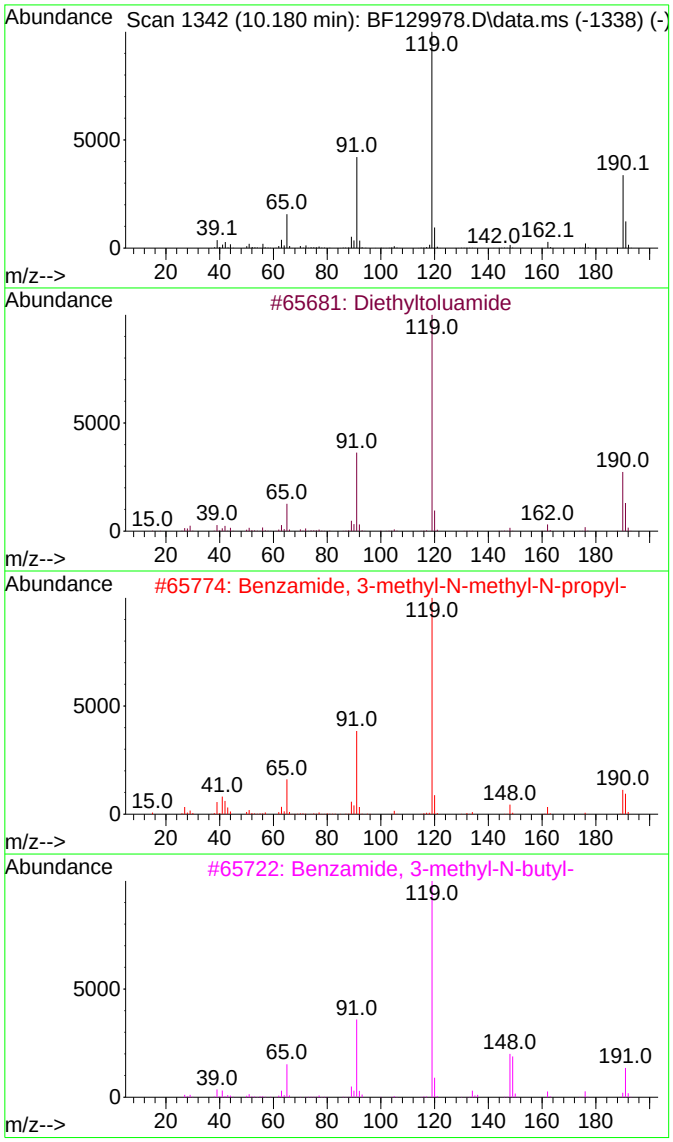
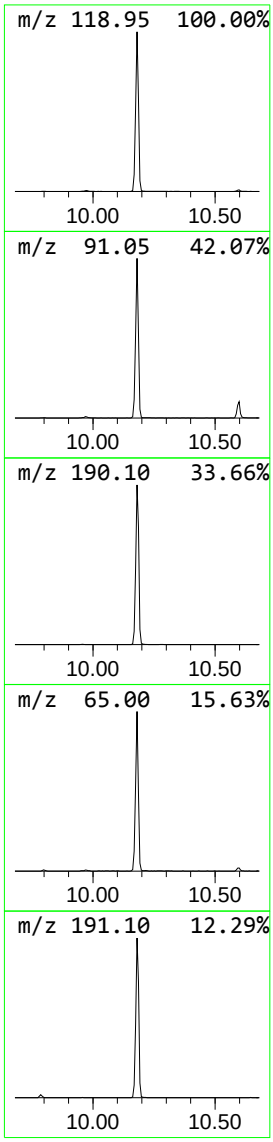
Peak Number 2 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.180	45.82 ng	2089260	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	90
3	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	87
4	Benzamide, 2-methyl-N-methyl-N-p...	191	C12H17NO	1000421-44-4	87
5	Benzamide, 3-methyl-N-isobutyl-	191	C12H17NO	1000407-41-0	83





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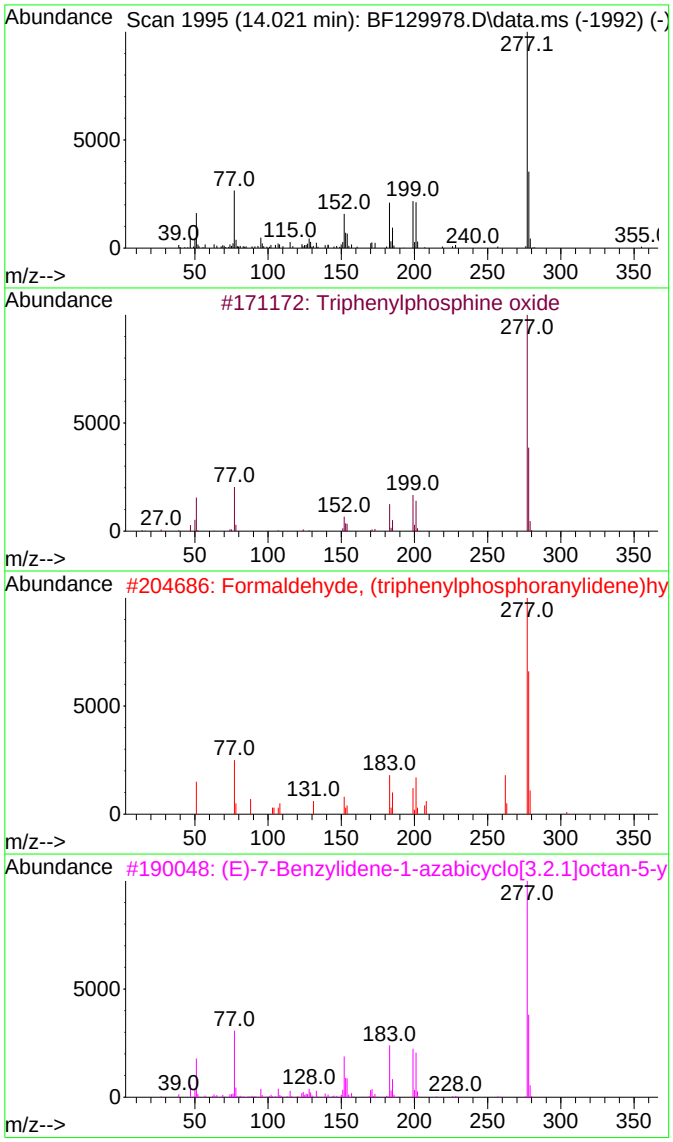
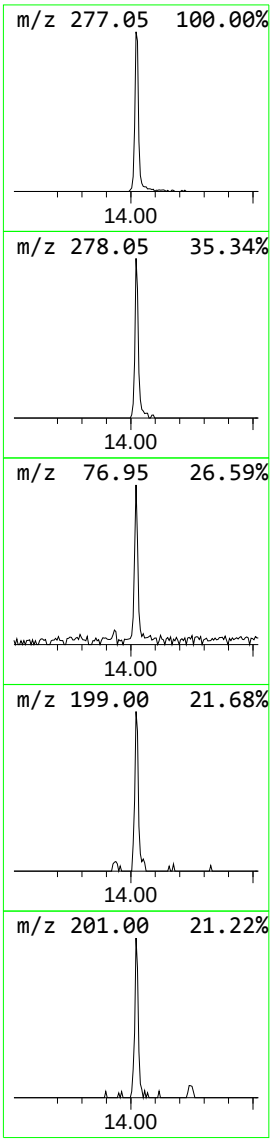
Peak Number 3 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.021	2.99 ng	91094	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
3	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	47
4	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	38
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	32





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
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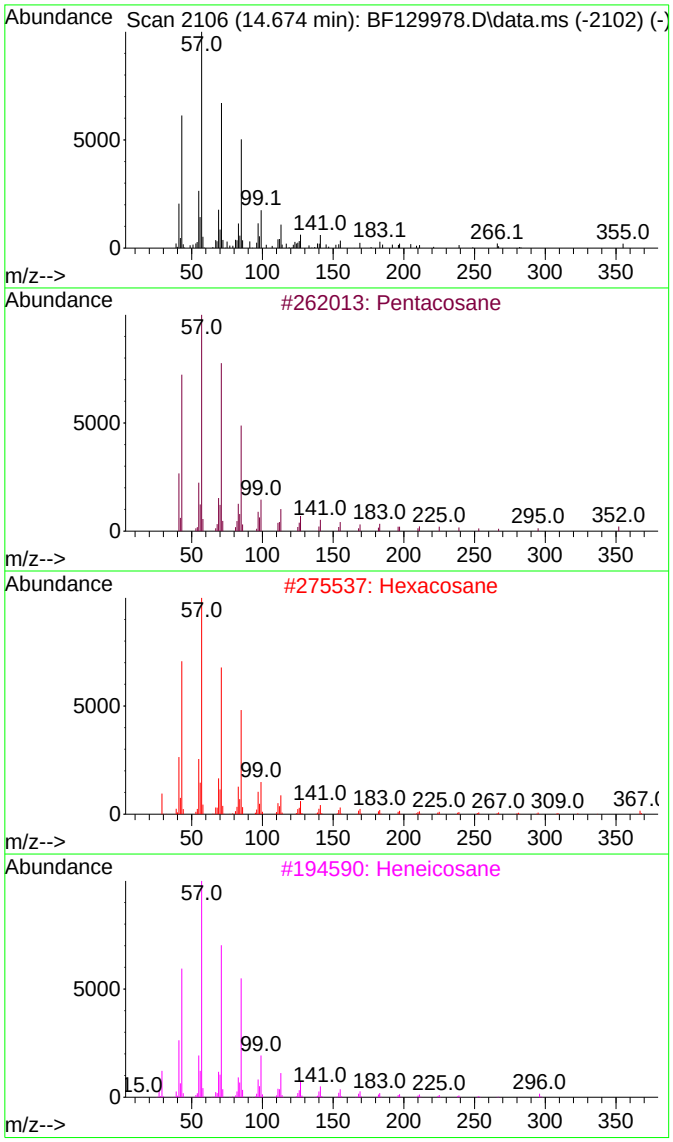
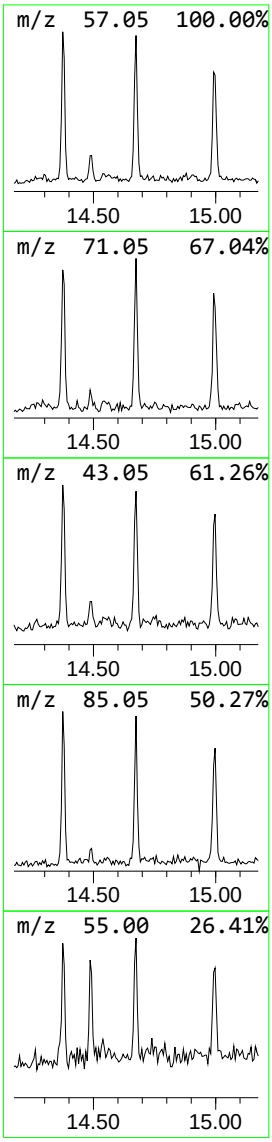
Peak Number 4 Pentacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.674	2.24 ng	62288	Perylene-d12	15.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Triacontane	422	C30H62	000638-68-6	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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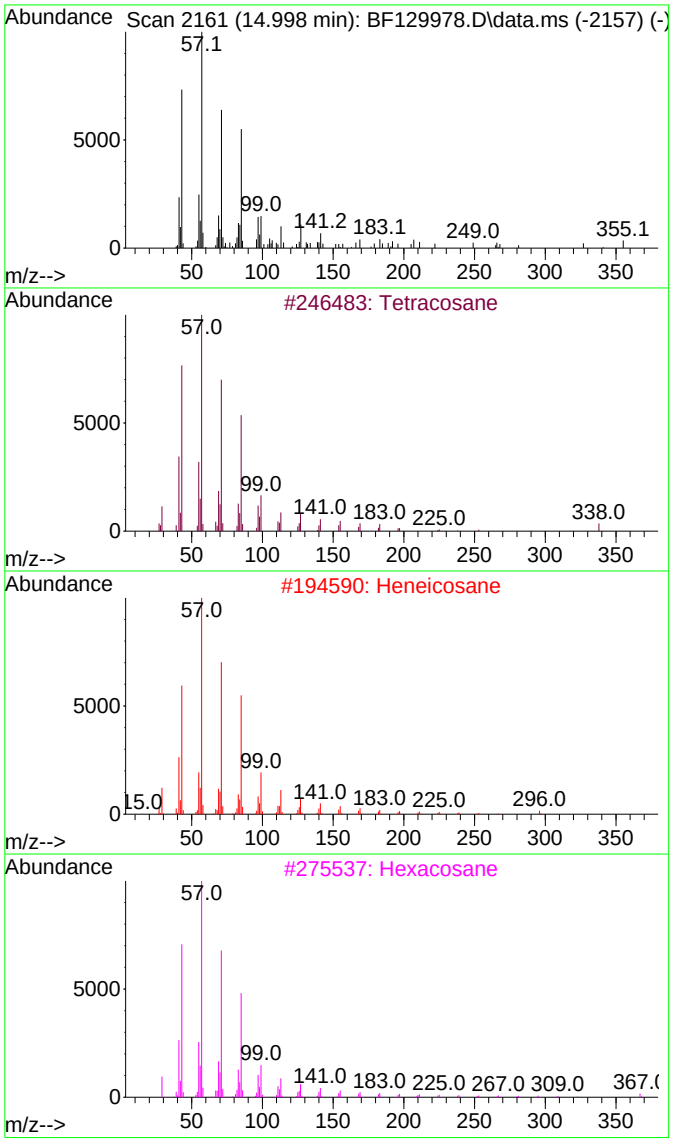
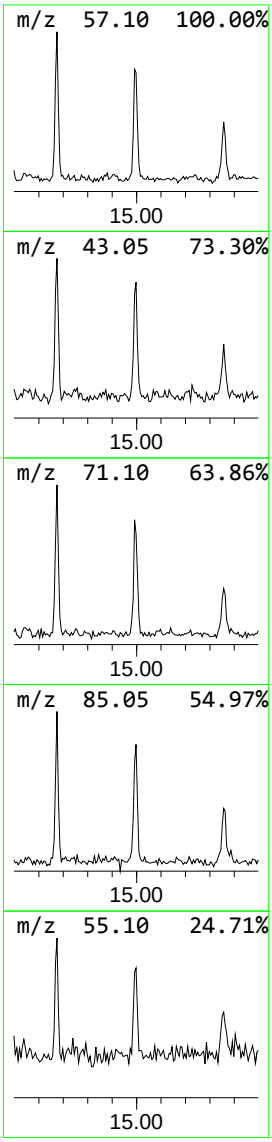
****

Peak Number 5 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	2.04 ng	56627	Perylene-d12	15.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	83
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	83





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-...	4.981	3.5	ng	109322	1	6.763	632964	20.0
Diethyltoluamide	10.180	45.8	ng	2089260	3	9.798	911909	20.0
Triphenylphosph...	14.021	3.0	ng	91094	5	13.939	610344	20.0
Pentacosane	14.674	2.2	ng	62288	6	15.386	555858	20.0
Tetracosane	14.998	2.0	ng	56627	6	15.386	555858	20.0