LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
Data File : BF128678.D
Acq On : 03 Jun 2022 14:16
Operator : CG\JU
Sample : N2988-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P015-SS002-0612-01

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128678.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	463	466	473	rVB	72902	77259	4.22%	0.667%
2	5.469	538	541	553	rBV	1346768	1417796	77.44%	12.247%
3	6.481	710	713	725	rBV	1495038	1467945	80.18%	12.680%
4	6.822	767	771	774	rBV	652502	523355	28.59%	4.521%
5	7.381	861	866	869	rBV	1093037	1035909	56.58%	8.948%
6	8.104	985	989	992	rBV	775299	637041	34.80%	5.503%
7	9.180	1167	1172	1175	rBV	2265345	1830774	100.00%	15.814%
8	9.863	1284	1288	1291	rBV	770599	670015	36.60%	5.788%
9	10.104	1326	1329	1332	rVB	29632	22768	1.24%	0.197%
10	10.651	1418	1422	1425	rBV	1119130	893681	48.81%	7.720%
11	11.345	1537	1540	1544	rBV	708980	600542	32.80%	5.187%
12	11.874	1627	1630	1633	rBV2	42983	38525	2.10%	0.333%
13	11.910	1633	1636	1640	rVB	28103	26605	1.45%	0.230%
14	12.663	1760	1764	1770	rBV6	16808	22609	1.23%	0.195%
15	12.939	1806	1811	1814	rBV	1522822	1360869	74.33%	11.755%
16	13.892	1968	1973	1984	rBV9	22364	73322	4.00%	0.633%
17	14.086	2001	2006	2011	rBV	267364	277714	15.17%	2.399%
18	14.163	2016	2019	2022	rVB2	25991	28086	1.53%	0.243%
19	15.457	2234	2239	2243	rBV	387787	476305	26.02%	4.114%
20	15.927	2315	2319	2325	rVB2	25351	33687	1.84%	0.291%
21	17.027	2501	2506	2513	rVB3	29829	62022	3.39%	0.536%

Sum of corrected areas: 11576829

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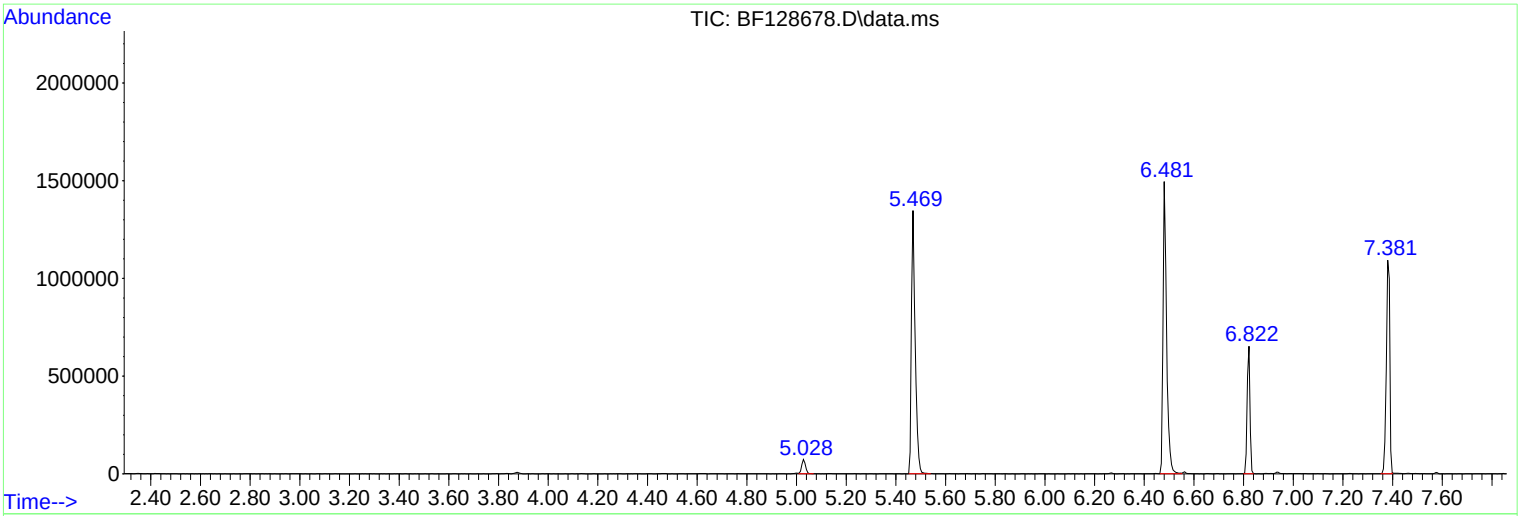
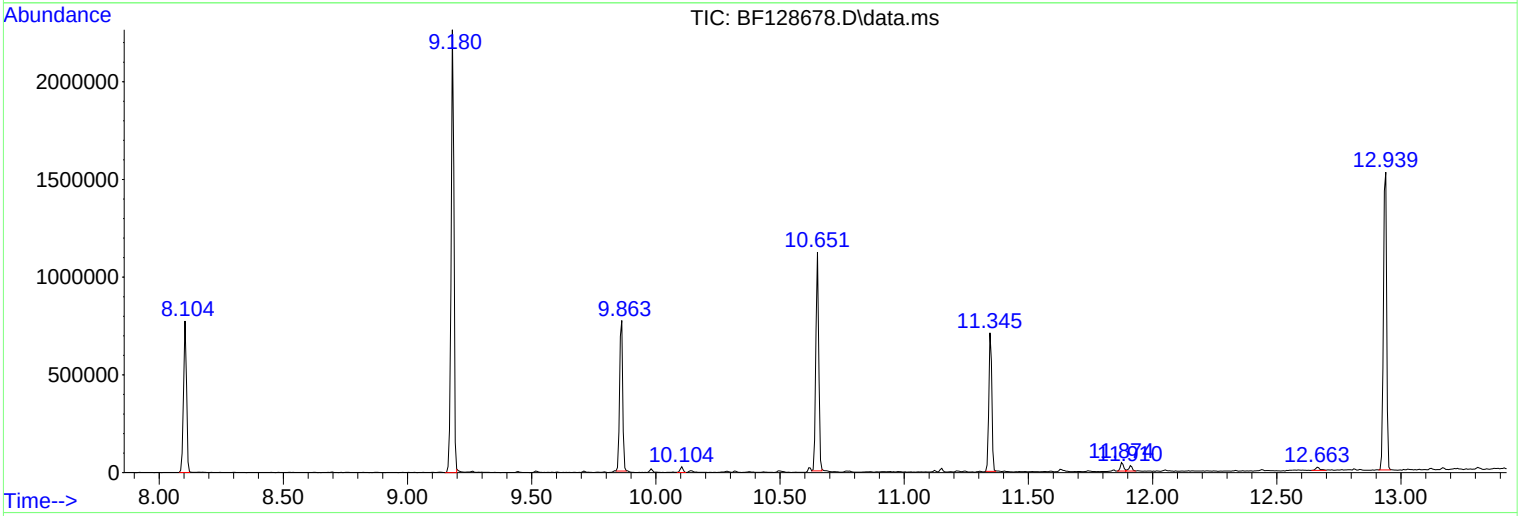
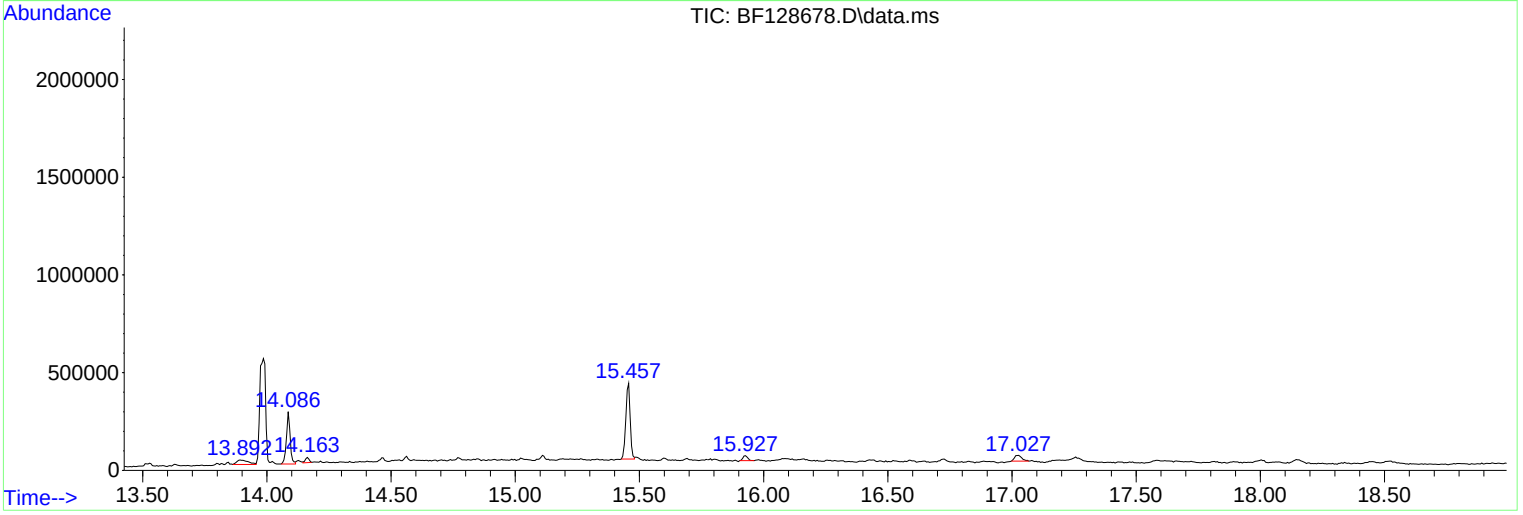
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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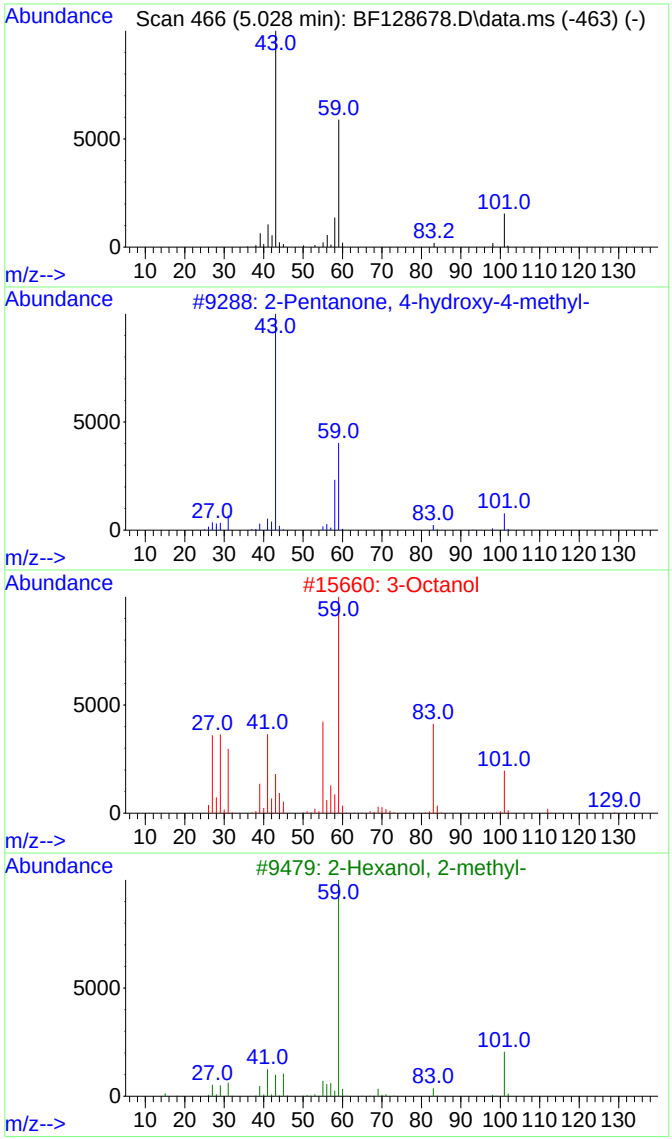
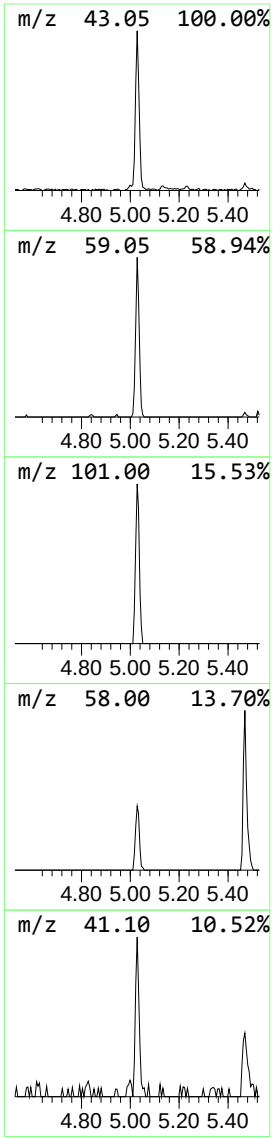
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	2.95 ng	77259	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Octanol	130	C8H18O	000589-98-0	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





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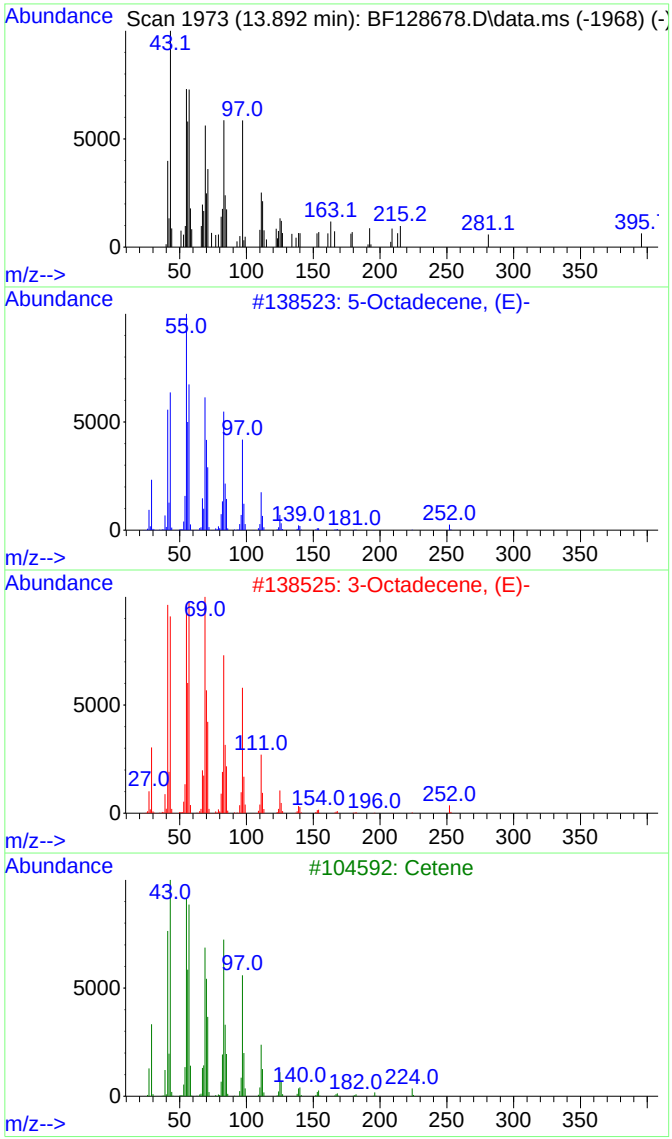
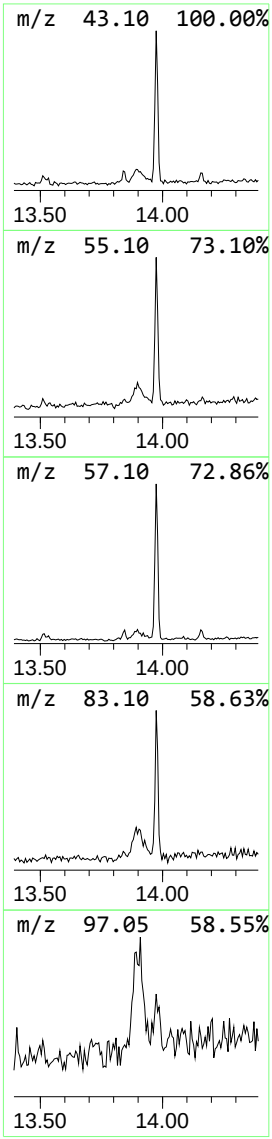
Peak Number 2 5-Octadecene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	5.28 ng	73322	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	72
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	72
3	Cetene	224	C16H32	000629-73-2	72
4	1-Docosene	308	C22H44	001599-67-3	64
5	Heptacos-1-ene	378	C27H54	015306-27-1	64





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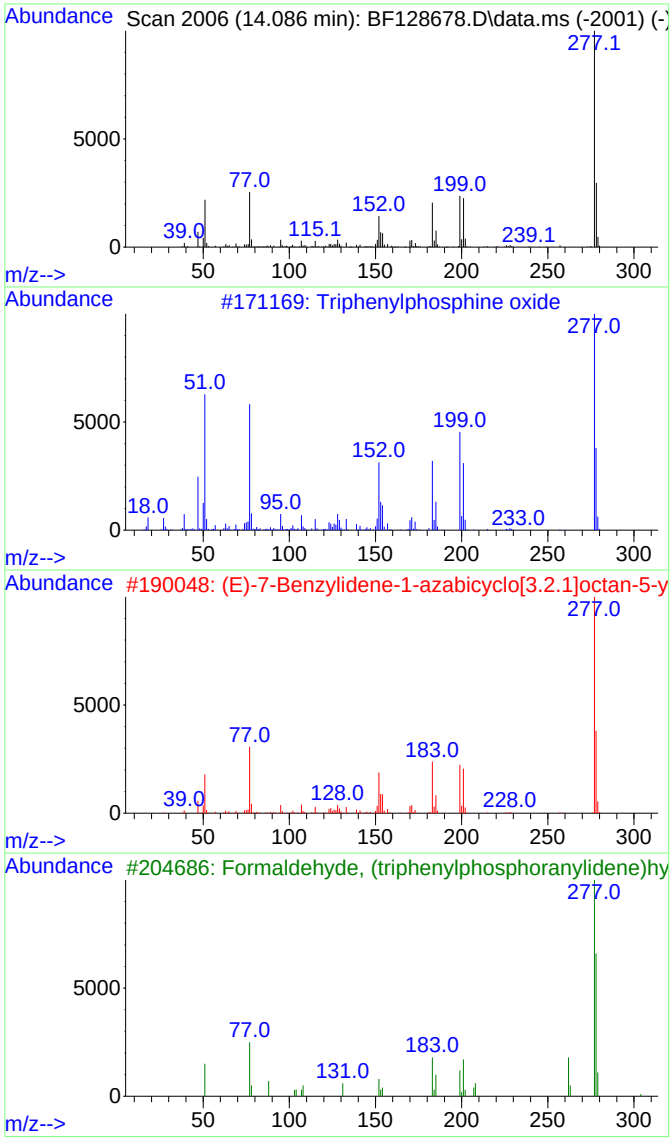
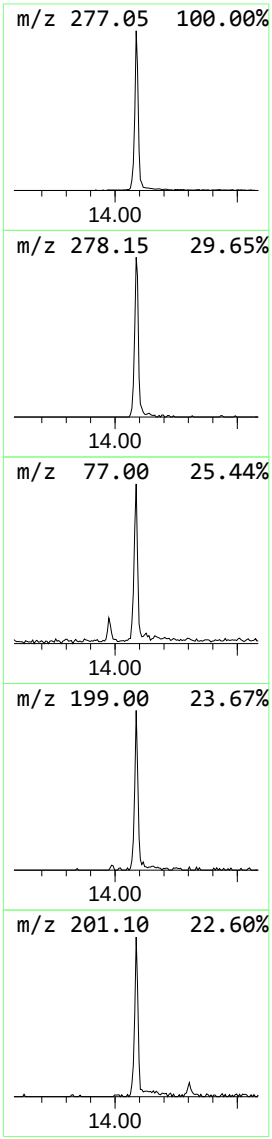
Peak Number 3 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	20.00 ng	277714	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	99
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	93
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	37
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	35





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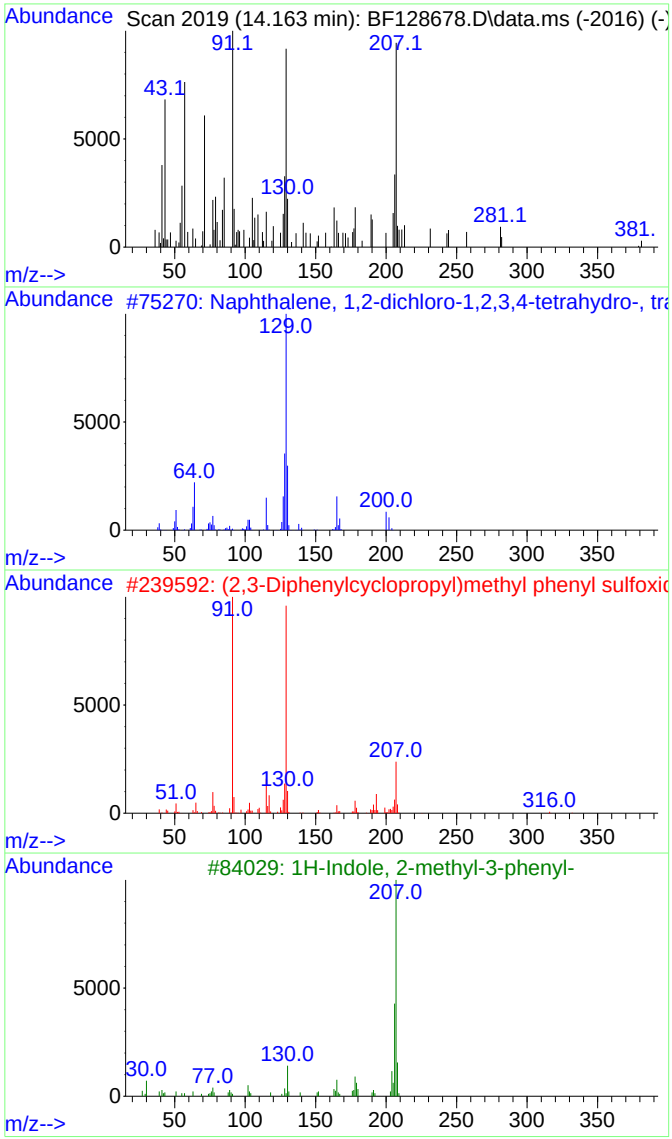
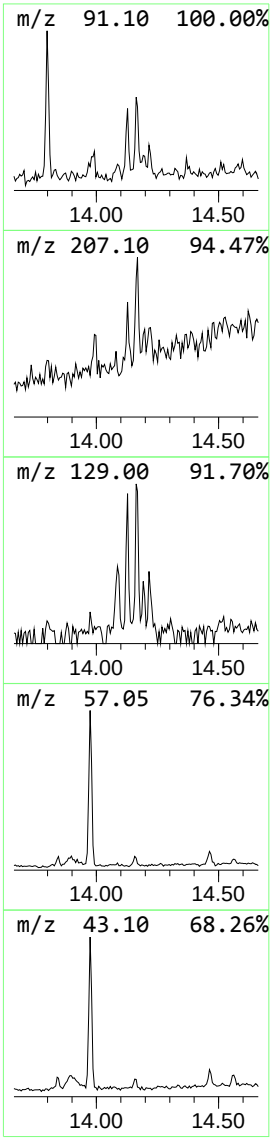
Peak Number 4 unknown14.163 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.163	2.02 ng	28086	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dichloro-1,2,3,...	200	C10H10Cl2	031448-63-2	42
2	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	40
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	35
4	Adipic acid, 2-decyl isohexyl ester	370	C22H42O4	1000353-59-9	22
5	Acetate, 3-(acetyloxy)-2-nitro-2...	295	C14H17NO6	114454-69-2	22





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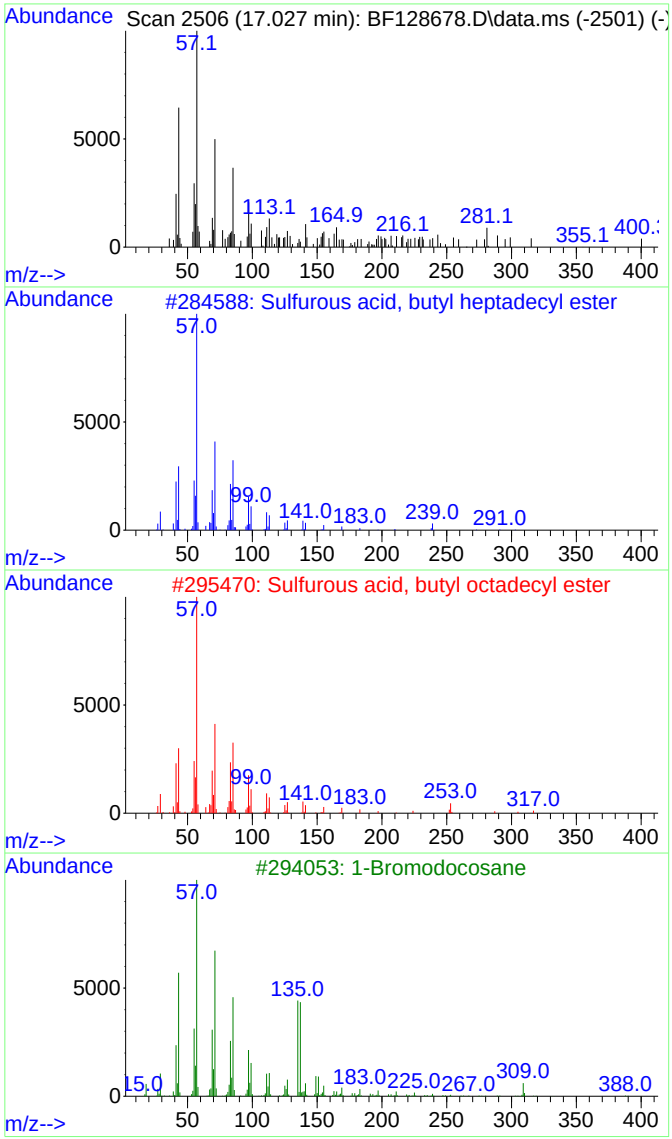
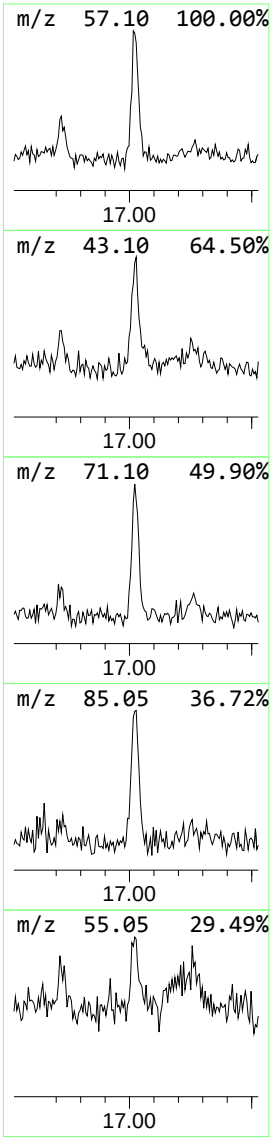
****
Peak Number 5 Sulfurous acid, butyl hepta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.027	2.60 ng	62022	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	62
2	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	58
3	1-Bromodocosane	388	C22H45Br	006938-66-5	58
4	Eicosane	282	C20H42	000112-95-8	49
5	Tetratetracontane	619	C44H90	007098-22-8	49





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-...	5.028	3.0	ng	77259	1	6.822	523355	20.0
5-Octadecene, (E)-	13.892	5.3	ng	73322	5	13.992	277714	20.0
Triphenylphosph...	14.086	20.0	ng	277714	5	13.992	277714	20.0
unknown14.163	14.163	2.0	ng	28086	5	13.992	277714	20.0
Sulfurous acid,...	17.027	2.6	ng	62022	6	15.457	476305	20.0