LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
Data File : BF133298.D
Acq On : 08 May 2023 16:57
Operator : CG\JU
Sample : 02659-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DGA-CRUSHED-STONE

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133298.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	12	18	26	rBV	39937	87368	2.06%	0.295%
2	3.093	162	171	188	rBV	300765	810883	19.10%	2.734%
3	4.904	474	479	488	rVB	964262	1211353	28.54%	4.084%
4	5.334	547	552	555	rBV	3863599	3509545	82.68%	11.831%
5	5.728	615	619	622	rBV	82436	66383	1.56%	0.224%
6	6.363	722	727	730	rBV	3893927	3569939	84.10%	12.034%
7	6.722	784	788	791	rBV	1350913	1124748	26.50%	3.792%
8	7.286	879	884	887	rBV	2753290	2298776	54.15%	7.749%
9	8.004	1002	1006	1009	rBV	2020001	1525416	35.94%	5.142%
10	9.080	1185	1189	1192	rBV	4966622	4244873	100.00%	14.310%
11	9.757	1300	1304	1307	rBV	1941733	1670696	39.36%	5.632%
12	10.469	1421	1425	1428	rBV	315383	273000	6.43%	0.920%
13	10.539	1433	1437	1441	rBV	1934136	1808484	42.60%	6.096%
14	11.239	1552	1556	1559	rBV	1776069	1615947	38.07%	5.447%
15	12.821	1821	1825	1829	rBV	3807344	3690596	86.94%	12.441%
16	13.868	1999	2003	2007	rBV	1105480	972224	22.90%	3.277%
17	13.962	2014	2019	2026	rBV	167174	199764	4.71%	0.673%
18	15.286	2239	2244	2249	rBV	826618	984395	23.19%	3.318%

Sum of corrected areas: 29664390

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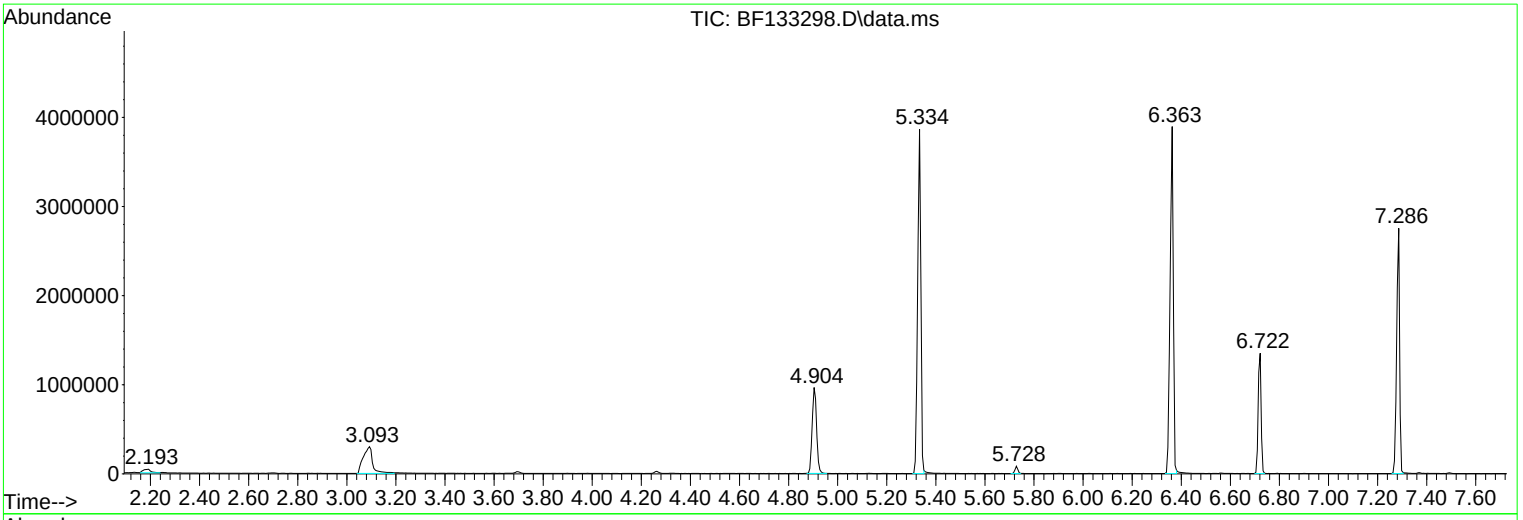
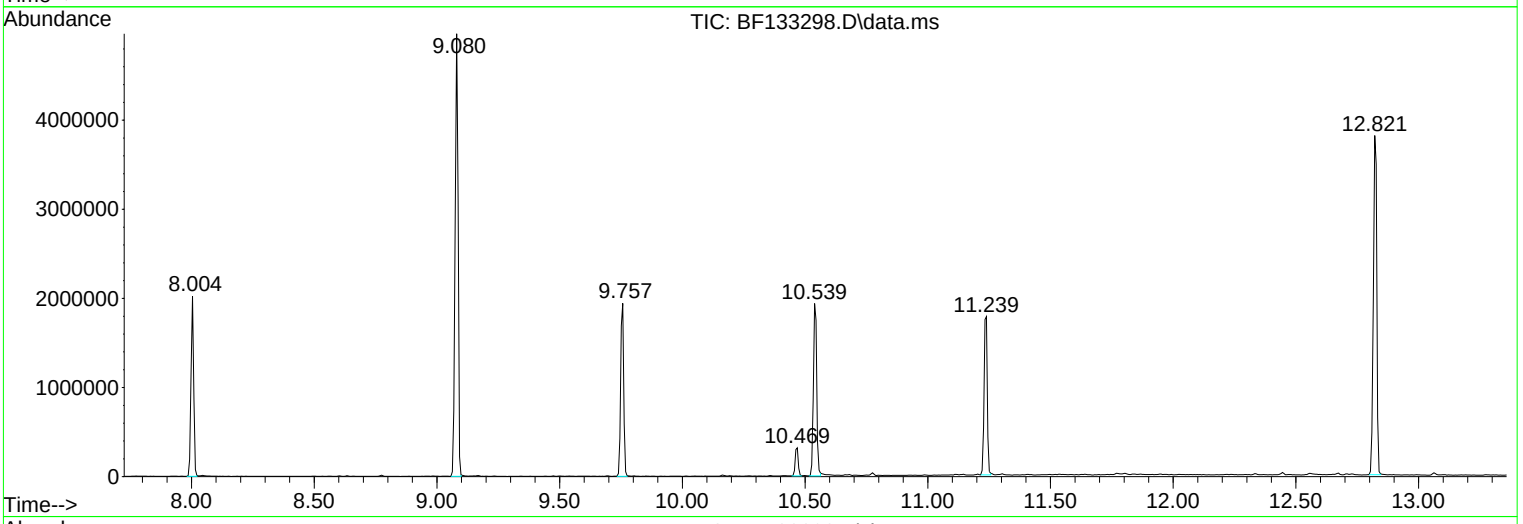
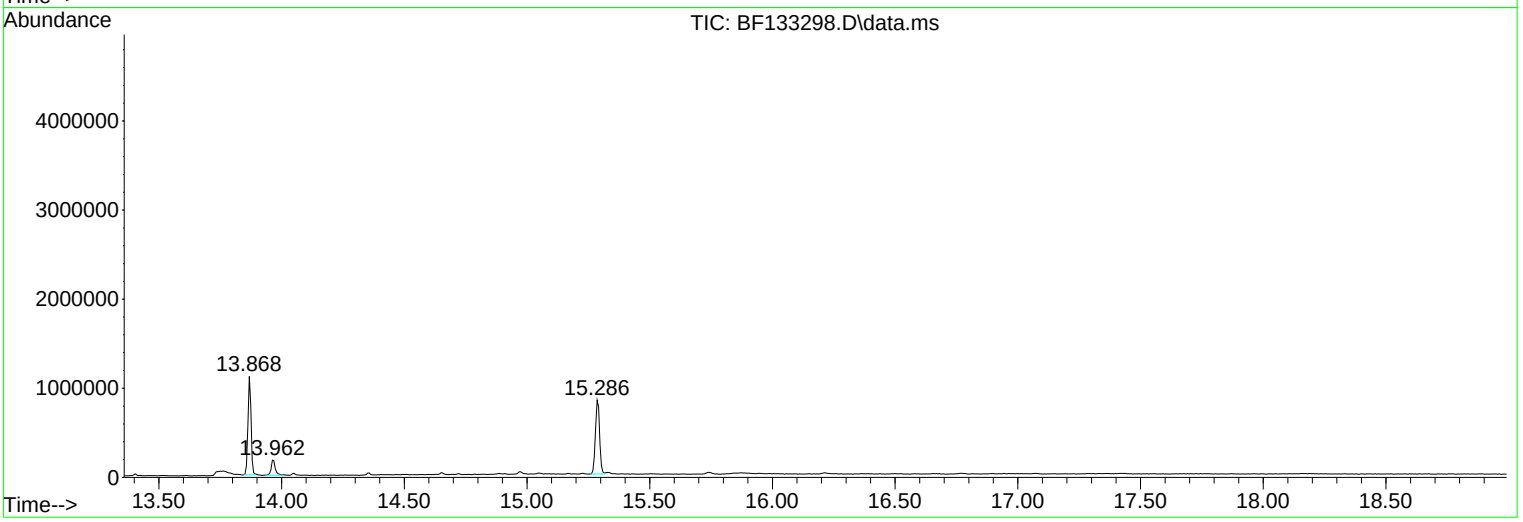
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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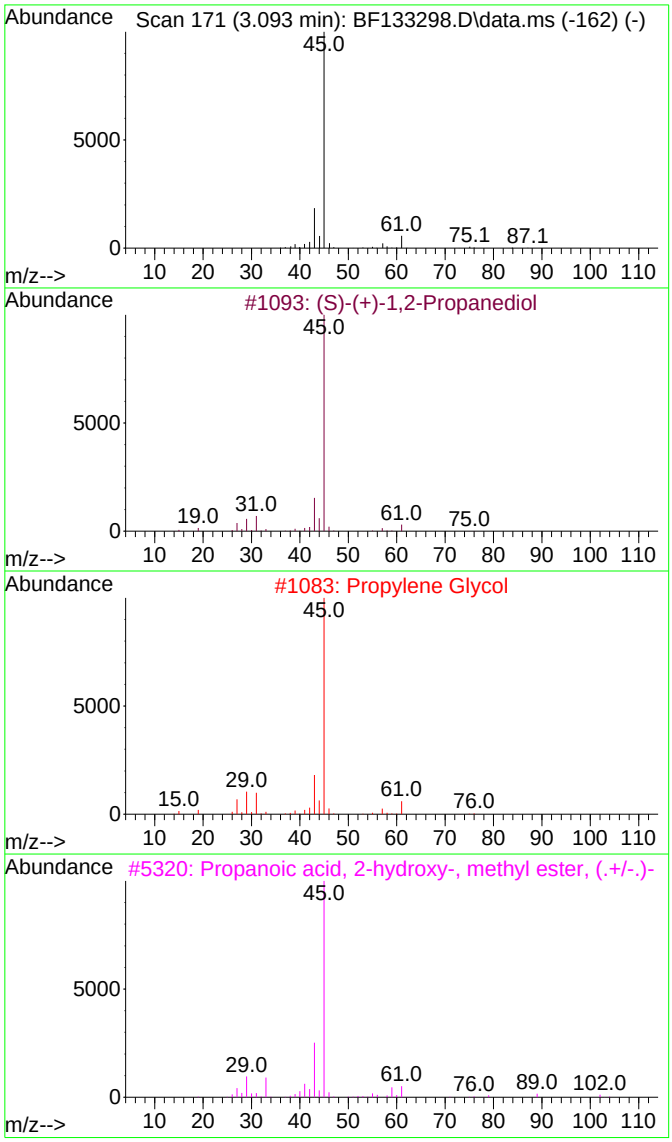
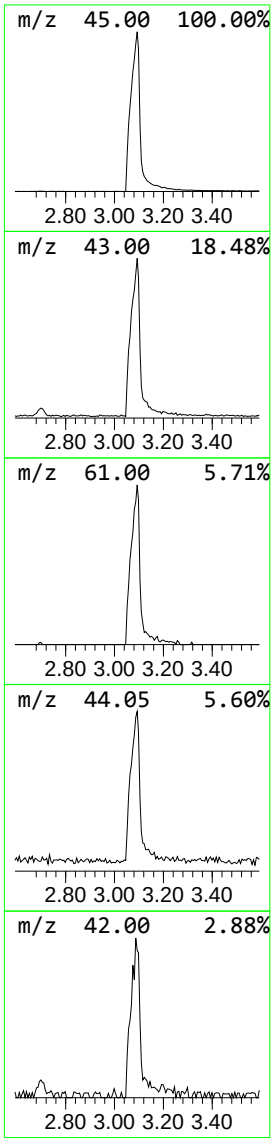
Peak Number 1 (S)-(+)-1,2-Propanediol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	14.42 ng	810883	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	Propylene Glycol	76	C3H8O2	000057-55-6	43
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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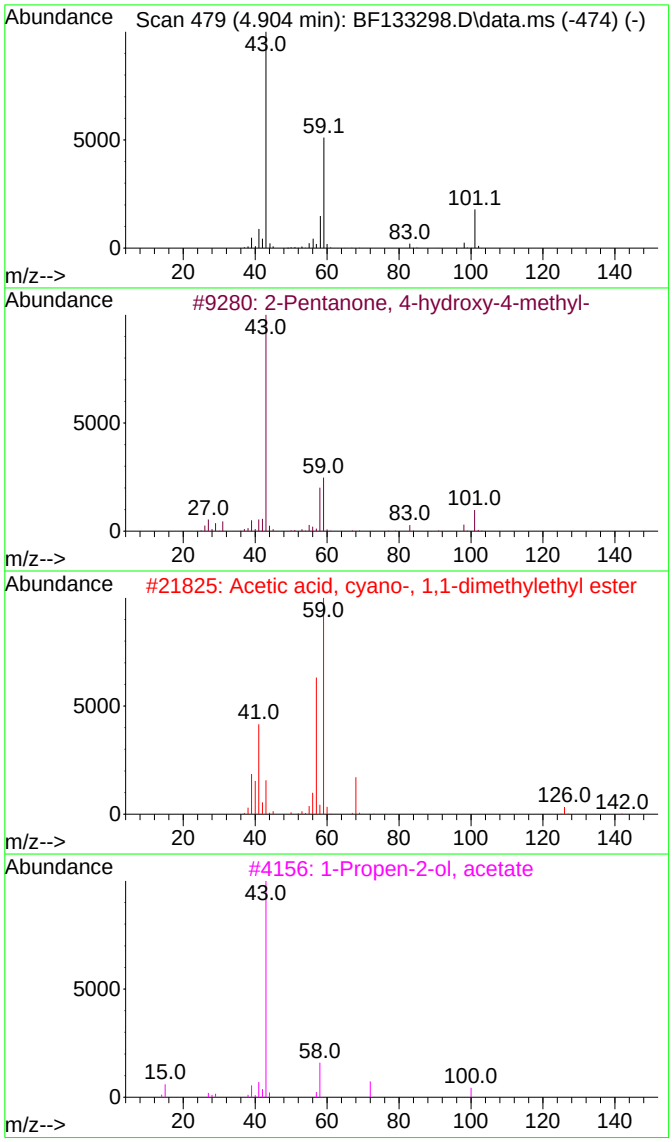
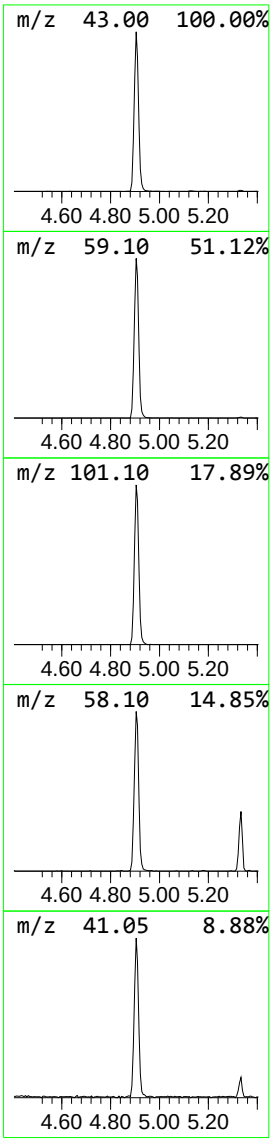
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.904	21.54 ng	1211350	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : 02659-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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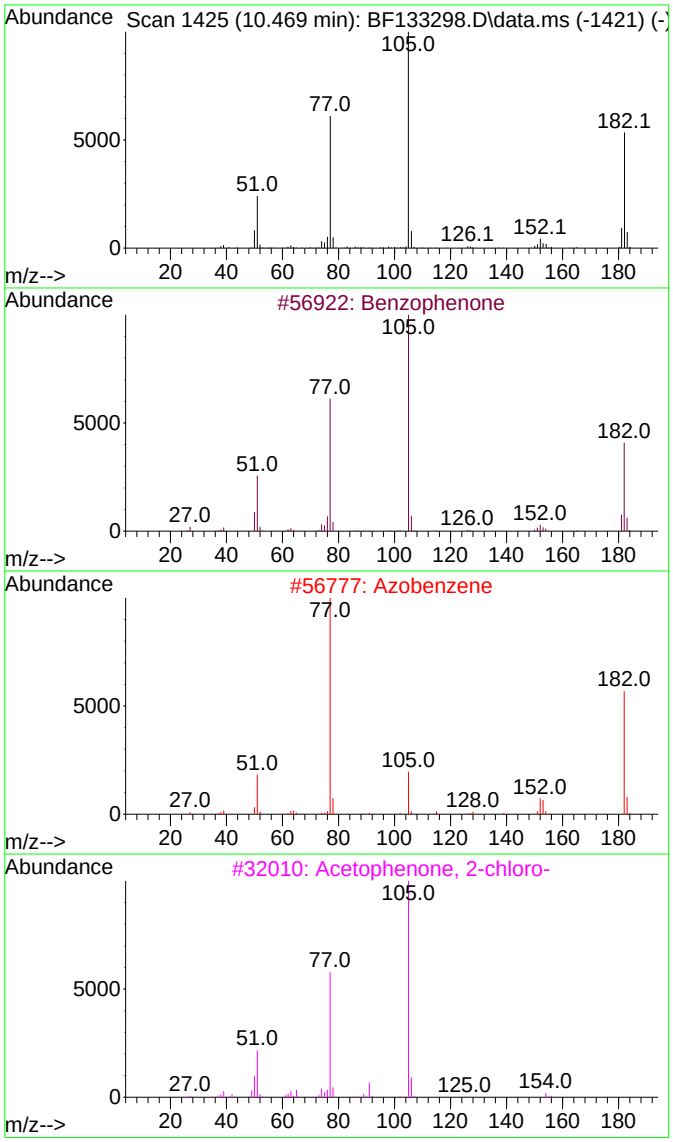
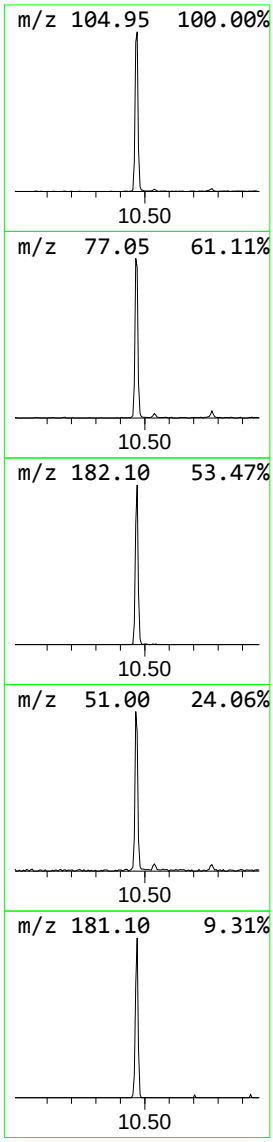
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	3.27 ng	273000	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	53
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47





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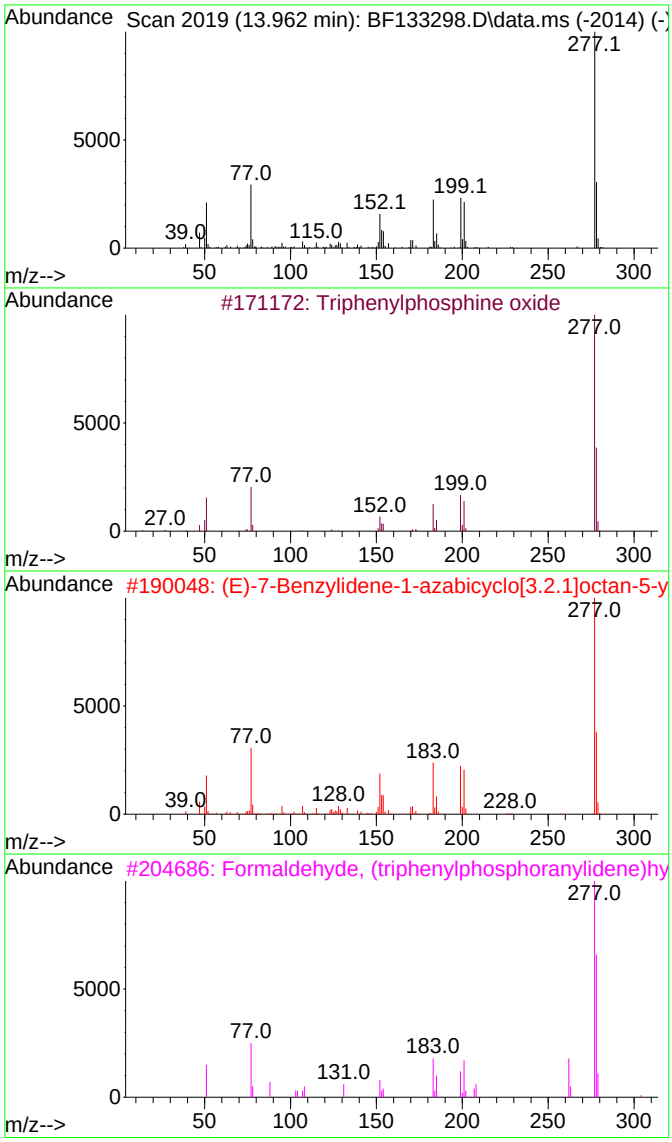
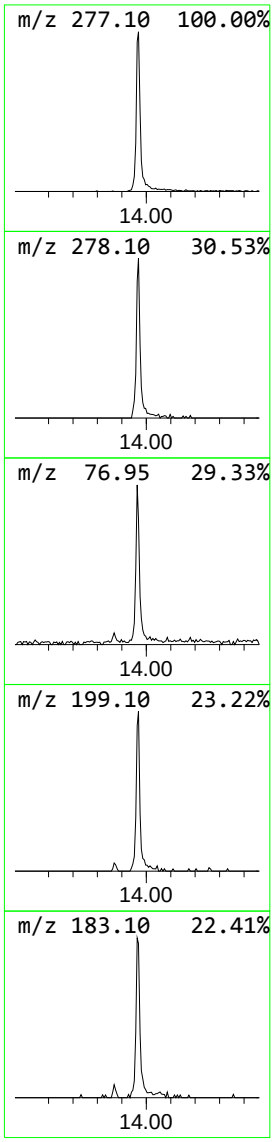
Peak Number 4 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	4.11 ng	199764	Chrysene-d12	13.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	87
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	43
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	38





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(S)-(+)-1,2-Pro...	3.093	14.4	ng	810883	1	6.722	1124750	20.0
2-Pentanone, 4-...	4.904	21.5	ng	1211350	1	6.722	1124750	20.0
Benzophenone	10.469	3.3	ng	273000	3	9.757	1670700	20.0
Triphenylphosph...	13.963	4.1	ng	199764	5	13.868	972224	20.0