LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013646.D
Acq On : 30 Jan 2023 15:26
Operator : CG/JU
Sample : 01328-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3-BORING-1-14-23

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_P\Methods\8270E-BP012623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013646.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.211	3	4	10	rVB	1109531	965971	10.05%	1.887%
2	5.211	335	344	355	rBV	1146960	1622465	16.88%	3.170%
3	5.681	416	424	436	rBV	2881257	4246742	44.17%	8.297%
4	7.293	689	698	713	rBV	2737258	4463702	46.43%	8.721%
5	8.146	834	843	850	rBV	686416	1097953	11.42%	2.145%
6	9.322	1034	1043	1053	rBV	1517948	2523823	26.25%	4.931%
7	10.975	1316	1324	1332	rBV	887032	1485989	15.46%	2.903%
8	13.410	1730	1738	1755	rBV	4340481	6348867	66.04%	12.404%
9	14.781	1965	1971	1986	rVB	1417894	2181618	22.69%	4.262%
10	16.134	2196	2201	2208	rBV	215608	302152	3.14%	0.590%
11	16.269	2217	2224	2242	rBV	3691909	5282641	54.95%	10.321%
12	17.534	2433	2439	2446	rBV	1899993	2780038	28.92%	5.431%
13	18.387	2580	2584	2595	rBV	117371	216612	2.25%	0.423%
14	19.881	2834	2838	2846	rBV	139619	213243	2.22%	0.417%
15	20.069	2864	2870	2875	rBV	7974398	9614180	100.00%	18.783%
16	21.286	3073	3077	3084	rBV	456841	639453	6.65%	1.249%
17	21.616	3128	3133	3138	rBV	2272160	3063699	31.87%	5.986%
18	21.733	3149	3153	3161	rBV2	376386	710740	7.39%	1.389%
19	22.545	3287	3291	3301	rVB	469064	728642	7.58%	1.424%
20	24.198	3566	3572	3585	rVB2	1259585	2696051	28.04%	5.267%

Sum of corrected areas: 51184581

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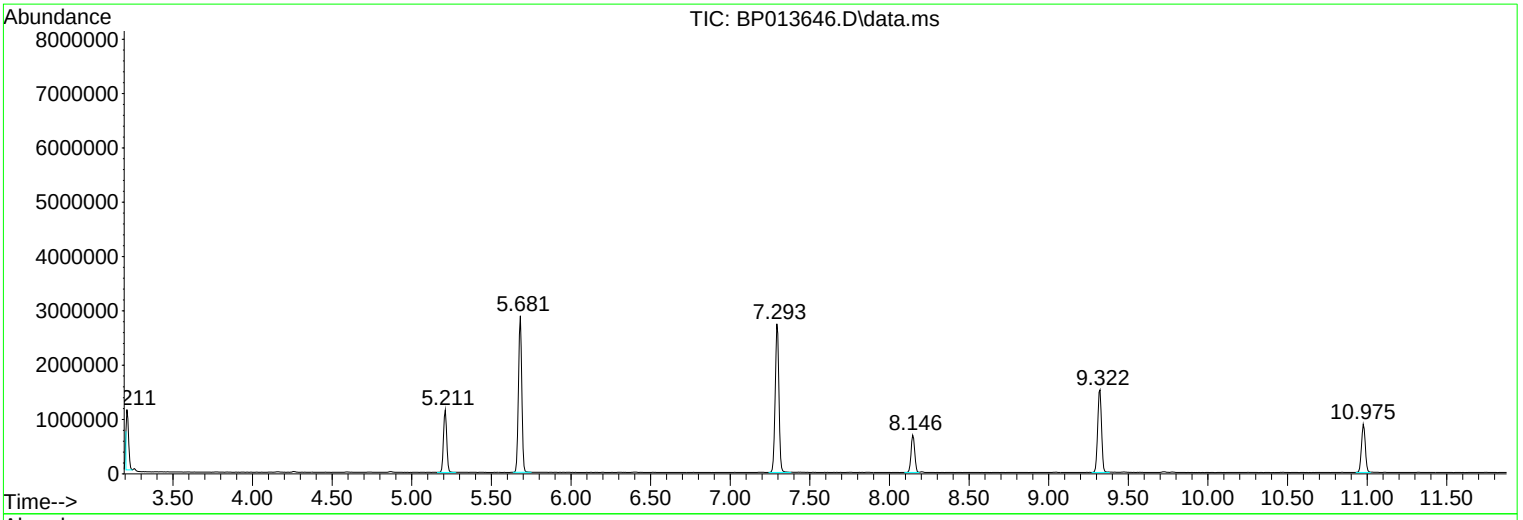
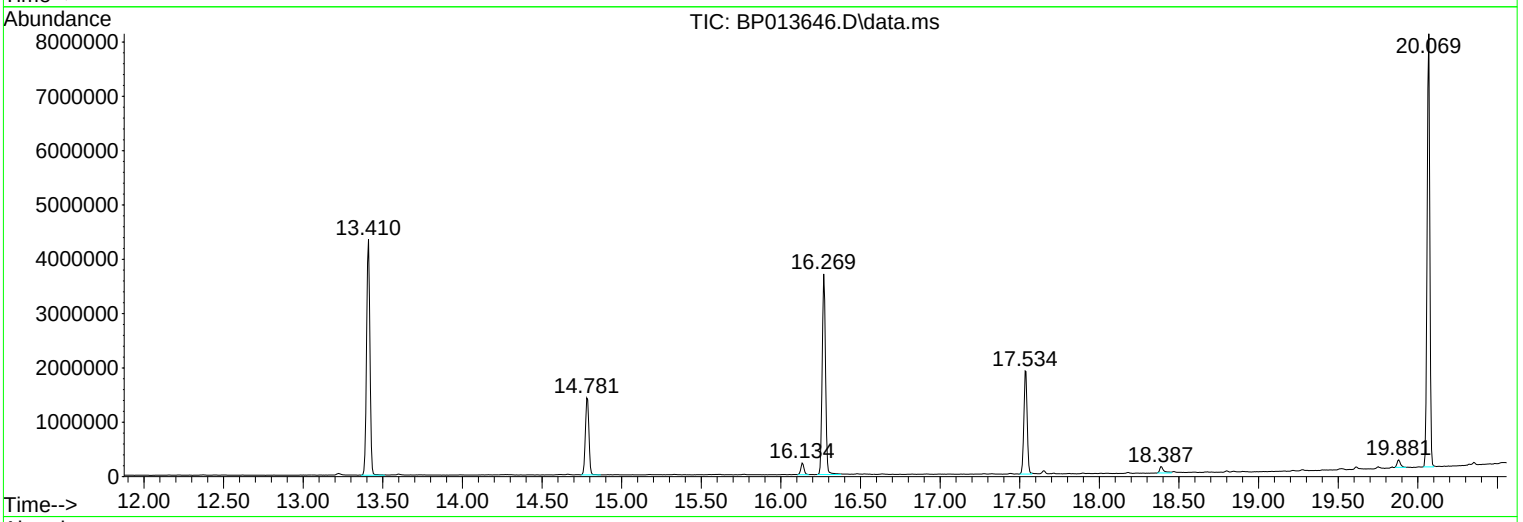
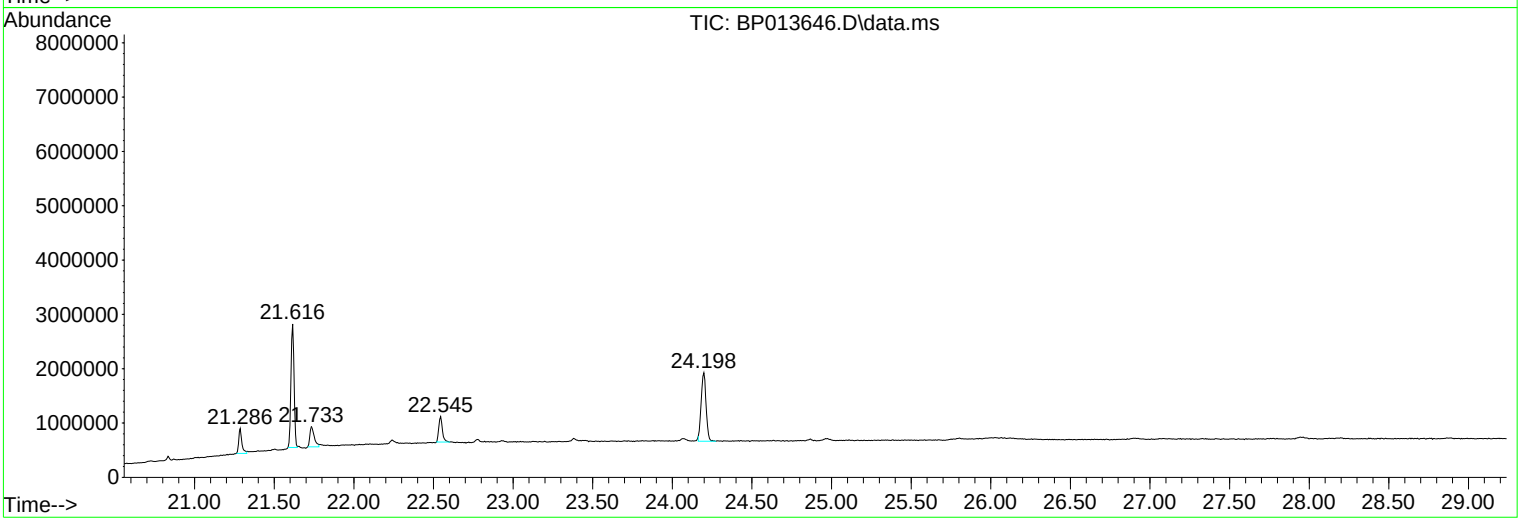
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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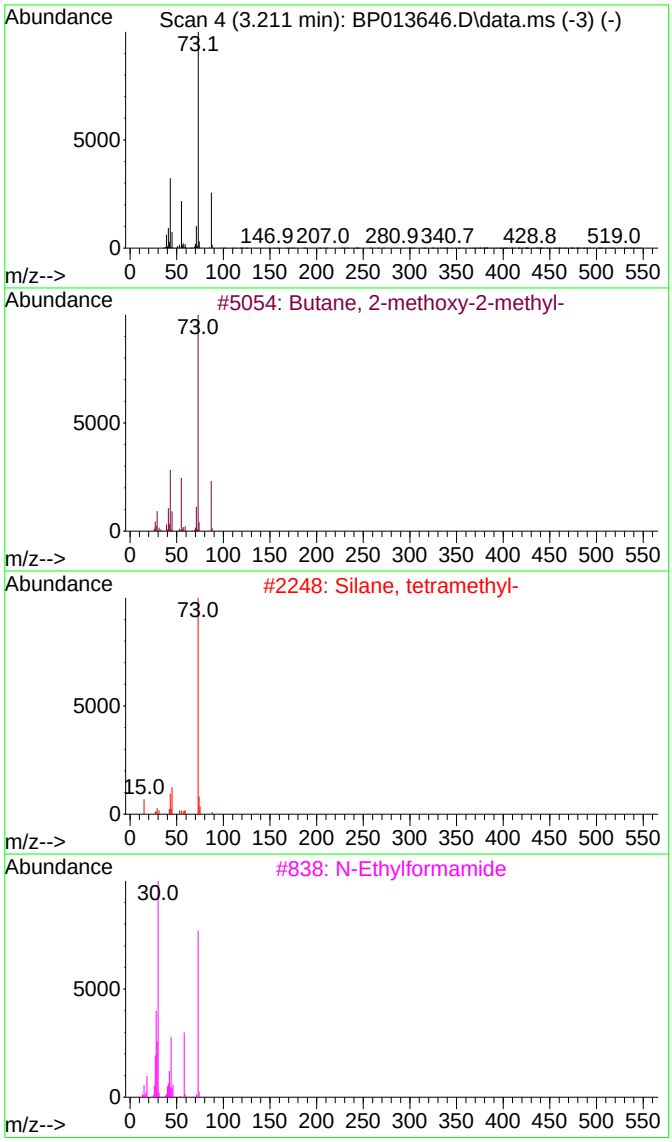
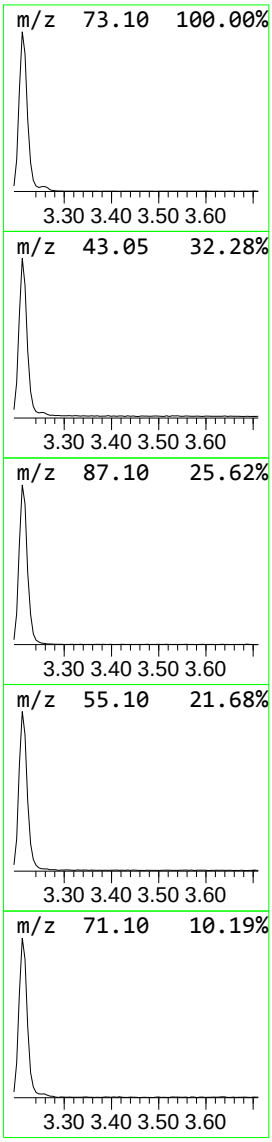
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.211	17.60 ng	965971	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





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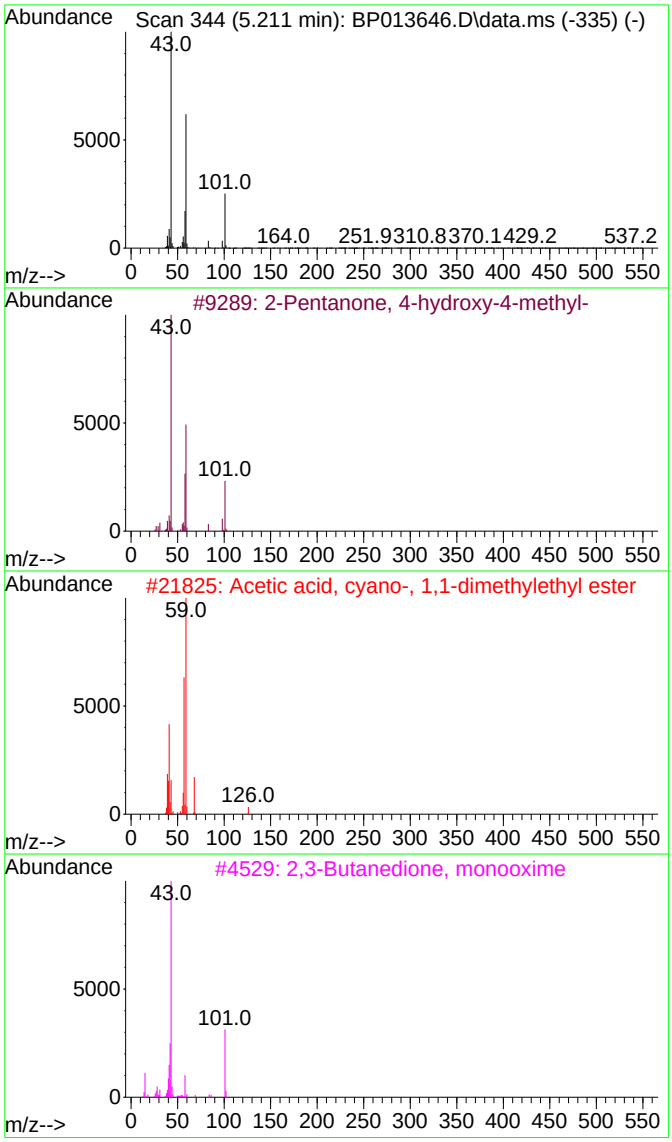
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

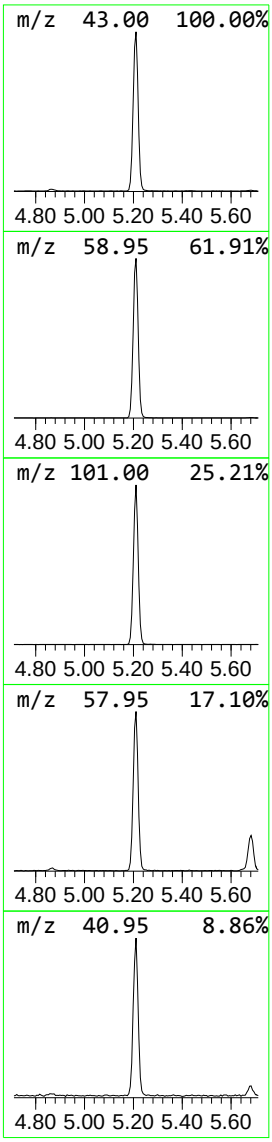
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.211	29.55 ng	1622470	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : CG/JU
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Misc :
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BNA_P
ClientSampleId :
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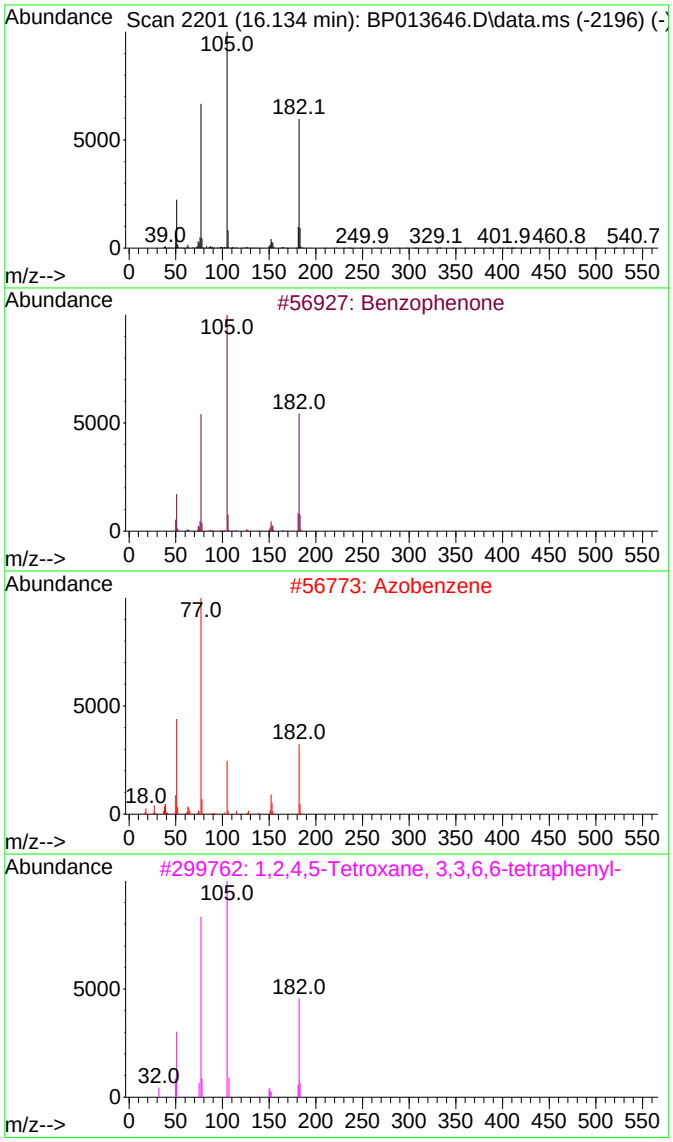
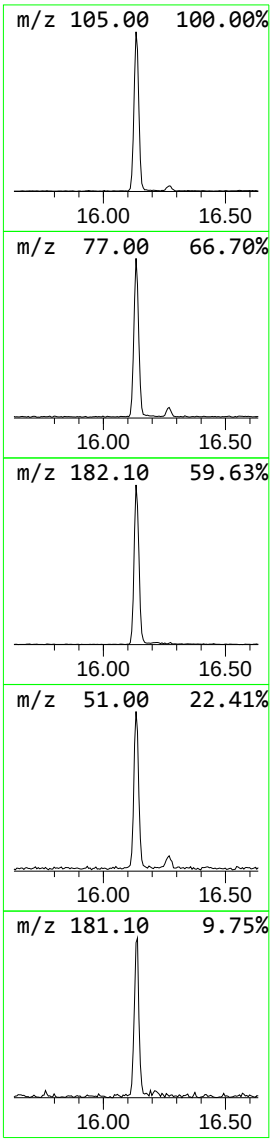
****

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.134	2.77 ng	302152	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	56
5	1,2,4-Triazolo[4,3-b]pyridazine,...	182	C7H7ClN4	028593-26-2	32





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
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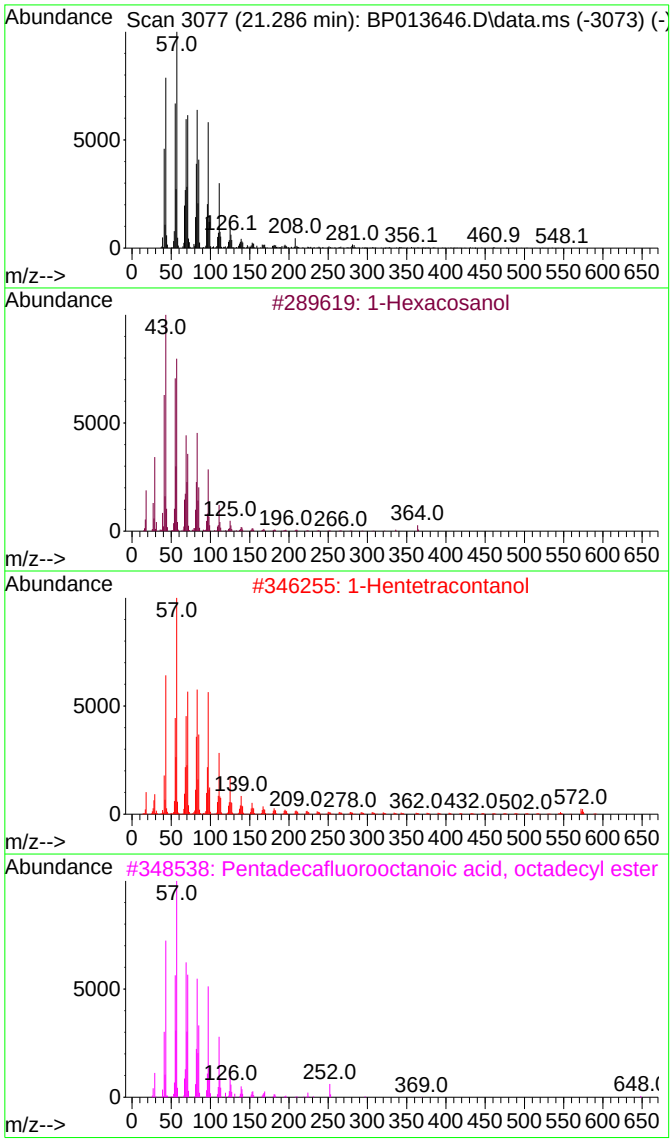
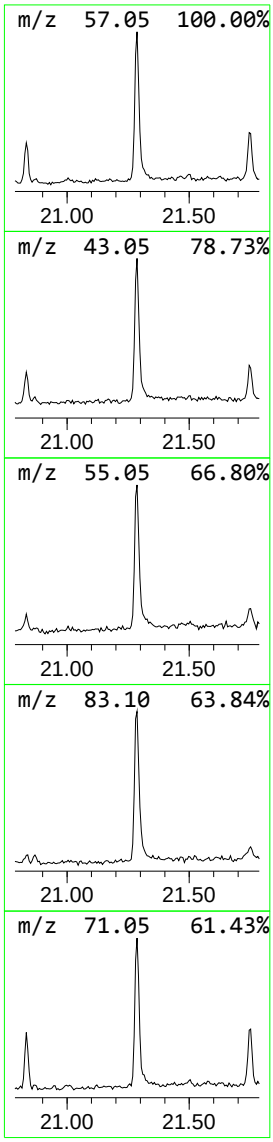
****

Peak Number 4 1-Hexacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	4.17 ng	639453	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	91
2	1-Hentetracontanol	593	C41H84O	040710-42-7	91
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
4	Octacosanol	410	C28H58O	000557-61-9	90
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	89





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TIC Library : C:\Database\NIST20.L
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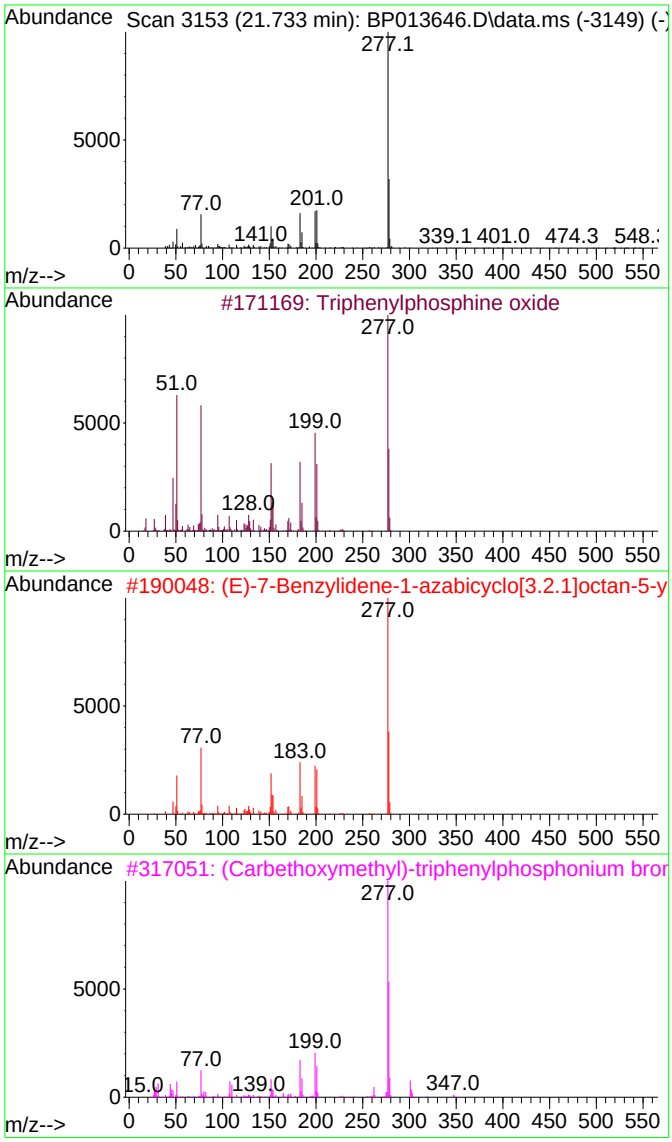
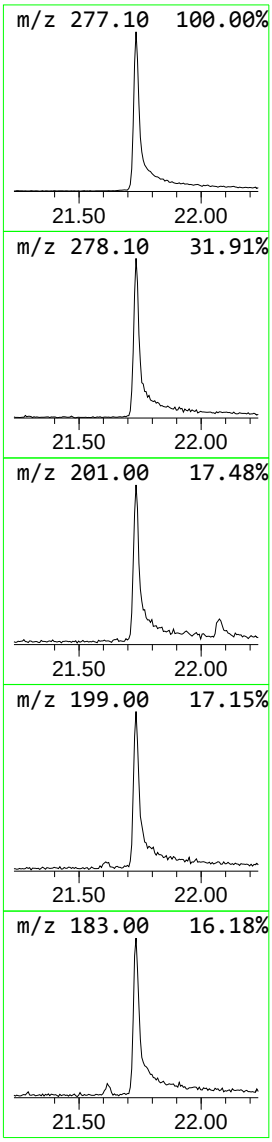
****

Peak Number 5 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.733	4.64 ng	710740	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	52
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	50
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	38





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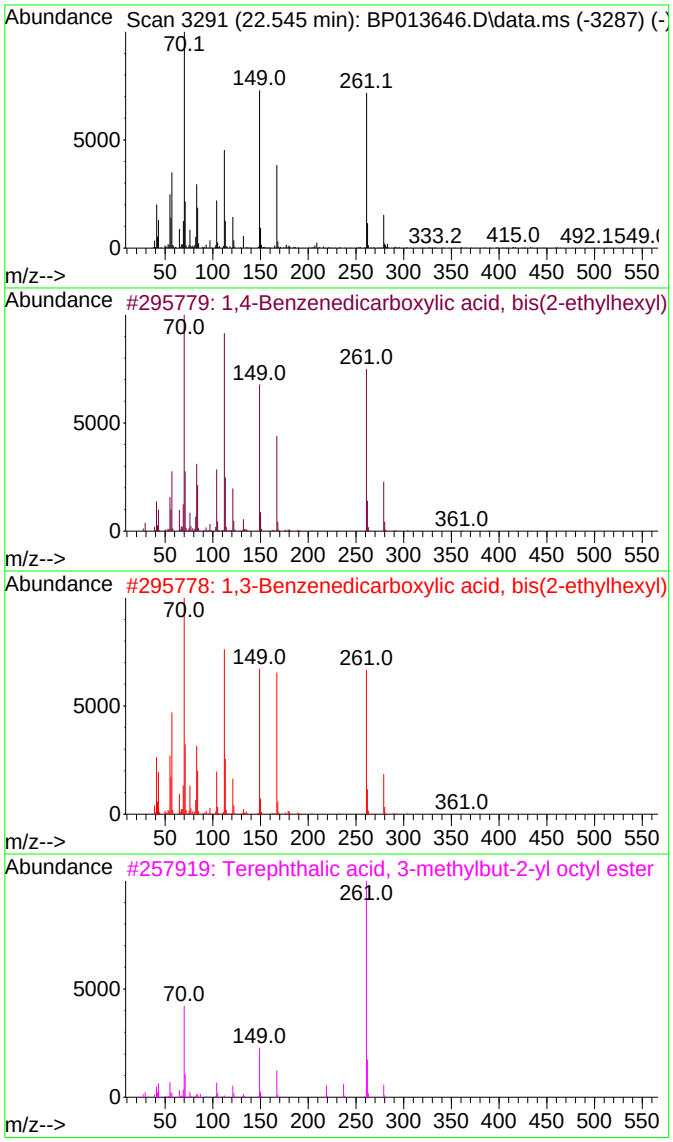
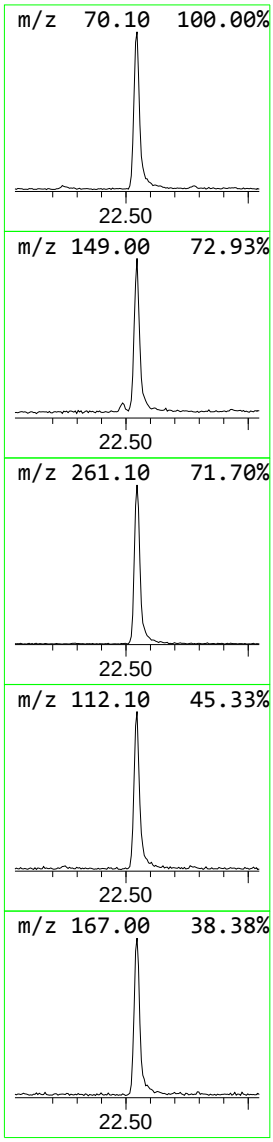
****
Peak Number 6 1,4-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.545	4.76 ng	728642	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	80
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	50
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	47
4	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	43
5	Terephthalic acid, 3-hexyl octyl...	362	C22H34O4	1000356-23-1	30





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...	3.211	17.6	ng	965971	1	8.146	1097950	20.0
2-Pentanone, 4-...	5.211	29.6	ng	1622470	1	8.146	1097950	20.0
Benzophenone	16.134	2.8	ng	302152	3	14.781	2181620	20.0
1-Hexacosanol	21.286	4.2	ng	639453	5	21.616	3063700	20.0
Triphenylphosph...	21.733	4.6	ng	710740	5	21.616	3063700	20.0
1,4-Benzenedica...	22.545	4.8	ng	728642	5	21.616	3063700	20.0