LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131118.D
Acq On : 10 Nov 2022 12:22
Operator : CG\JU
Sample : N5495-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-14

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-BF110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131118.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	8	13	19	rVB	371077	454981	28.79%	4.372%
2	5.110	509	514	522	rVB	227623	270846	17.14%	2.602%
3	5.504	577	581	585	rBV	1425293	1341270	84.87%	12.887%
4	6.516	748	753	756	rBV	1291482	1178748	74.58%	11.326%
5	6.887	812	816	819	rBV	410635	314468	19.90%	3.022%
6	7.451	907	912	915	rBV	880553	756861	47.89%	7.272%
7	8.169	1030	1034	1038	rBV	551734	508466	32.17%	4.886%
8	9.251	1213	1218	1221	rBV	1708951	1580452	100.00%	15.186%
9	9.933	1329	1334	1337	rBV	655770	544576	34.46%	5.232%
10	10.722	1464	1468	1479	rBV	942851	790897	50.04%	7.599%
11	11.427	1584	1588	1591	rBV	497198	438616	27.75%	4.214%
12	11.492	1596	1599	1602	rVV2	20630	16589	1.05%	0.159%
13	12.516	1766	1773	1776	rBV3	16557	16773	1.06%	0.161%
14	13.016	1854	1858	1861	rBV	1527569	1211591	76.66%	11.641%
15	13.580	1947	1954	1957	rBV6	16063	24272	1.54%	0.233%
16	13.974	2015	2021	2030	rBV5	30168	88678	5.61%	0.852%
17	14.074	2034	2038	2041	rVV	462920	381203	24.12%	3.663%
18	14.168	2049	2054	2060	rBV	66009	69765	4.41%	0.670%
19	14.845	2165	2169	2174	rVB3	11085	16564	1.05%	0.159%
20	14.921	2179	2182	2188	rVB2	15088	20313	1.29%	0.195%
21	15.574	2288	2293	2300	rBV	298673	381656	24.15%	3.667%

Sum of corrected areas: 10407585

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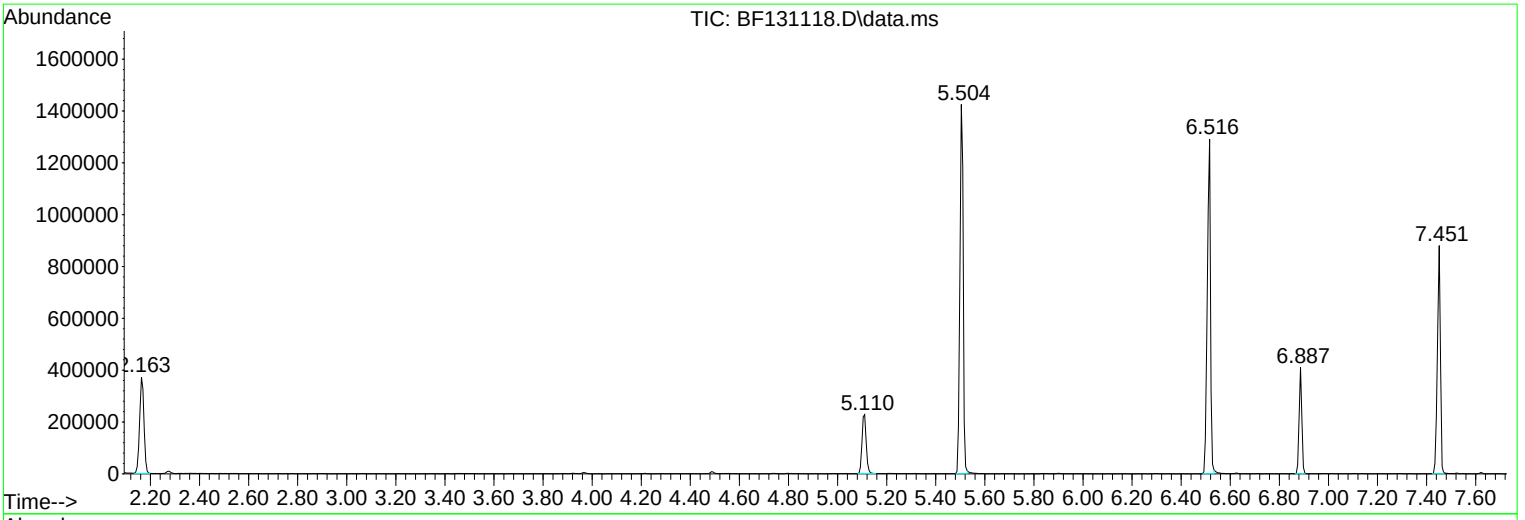
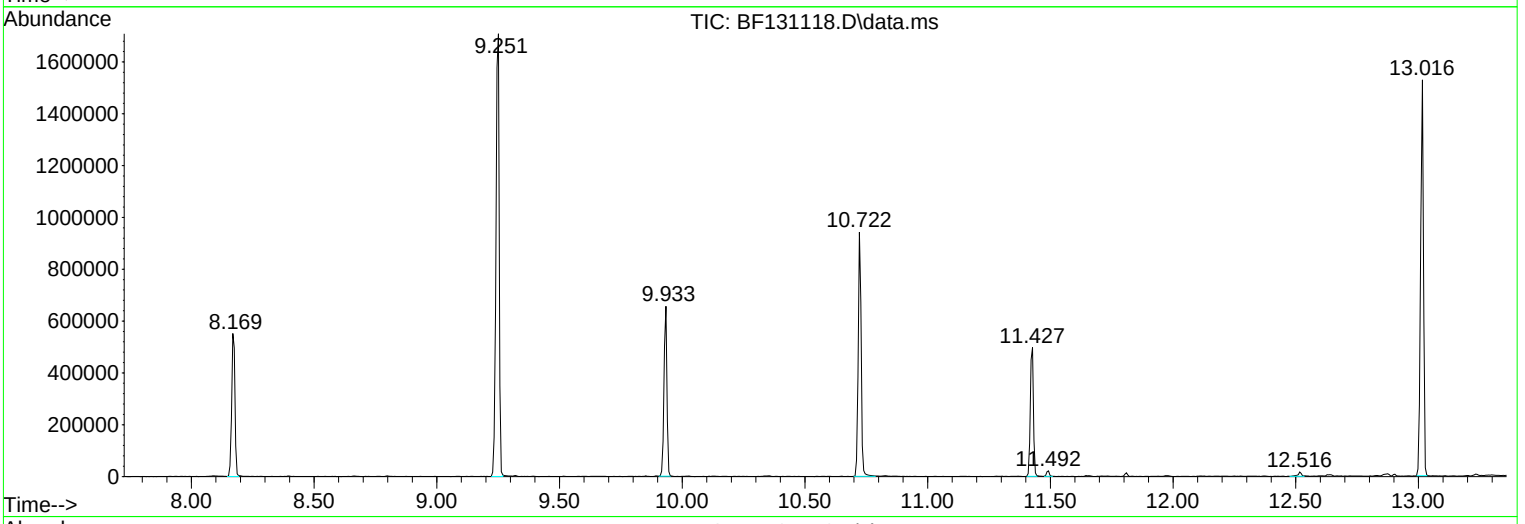
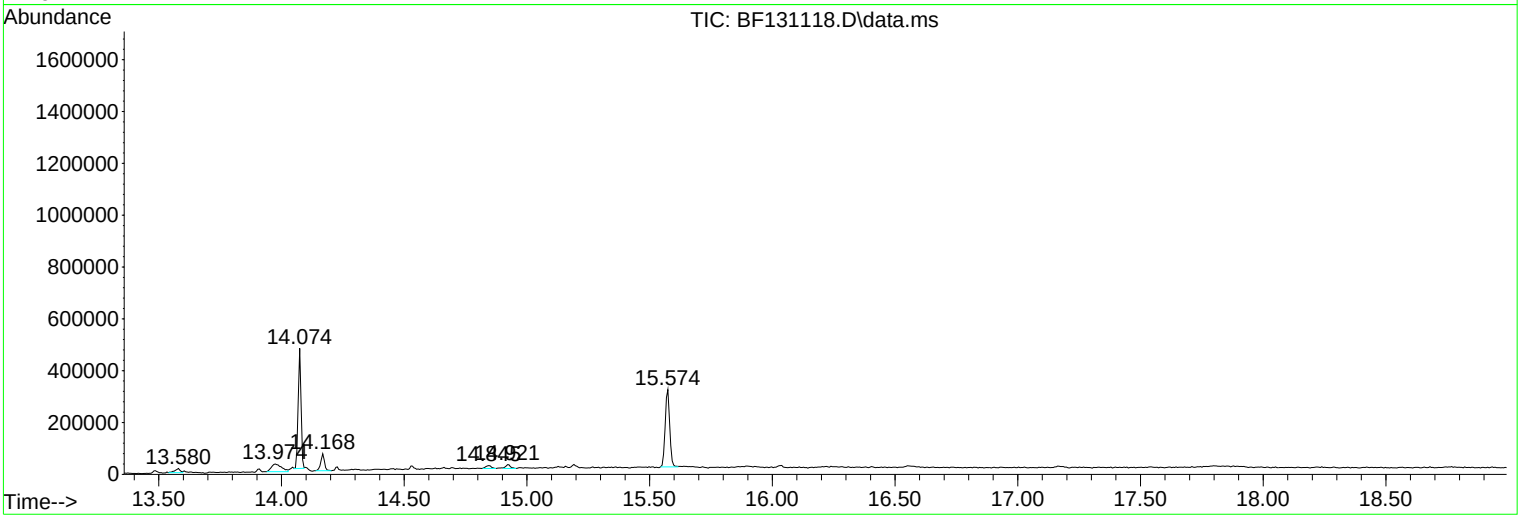
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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

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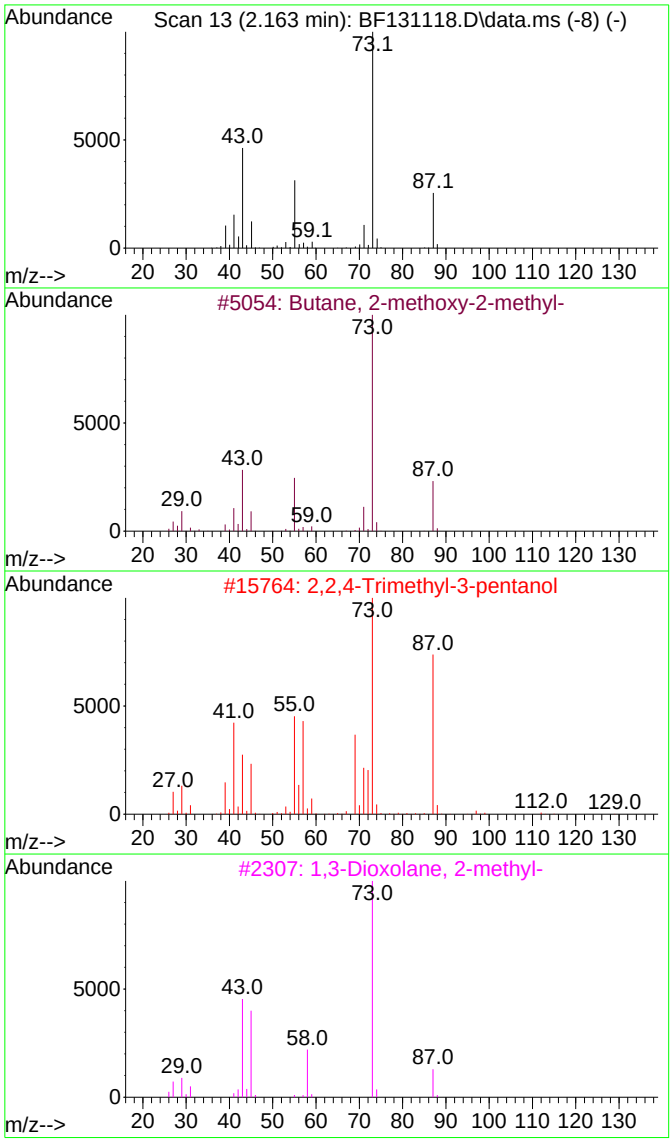
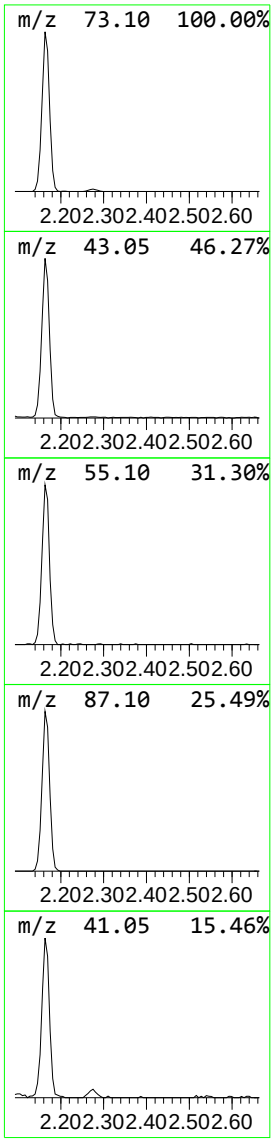
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	28.94 ng	454981	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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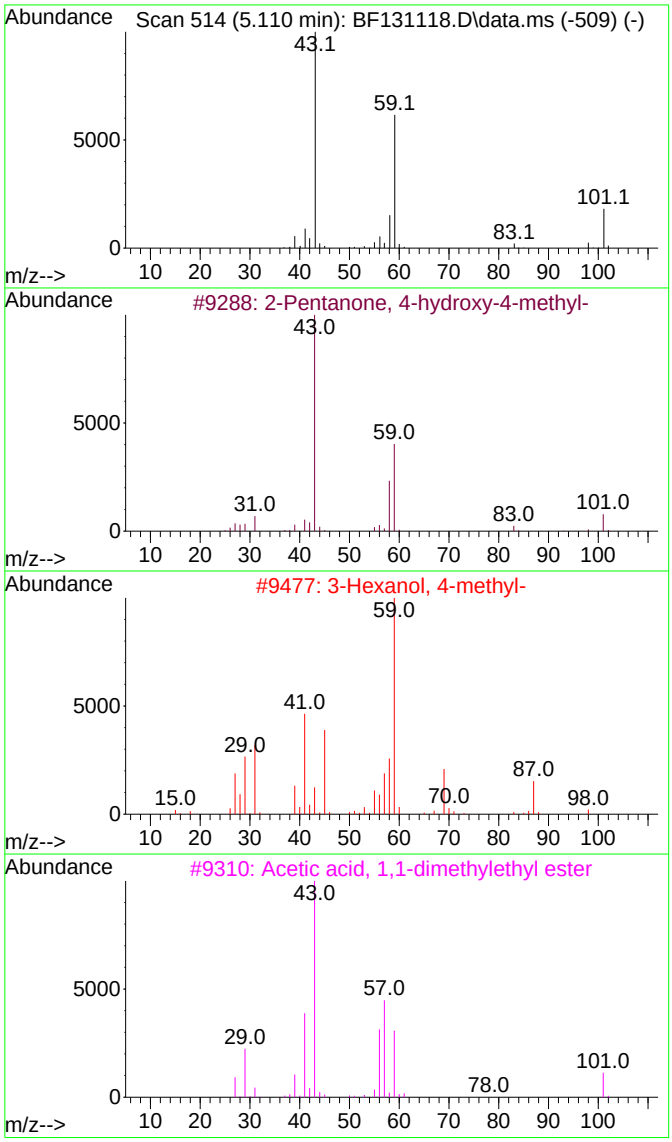
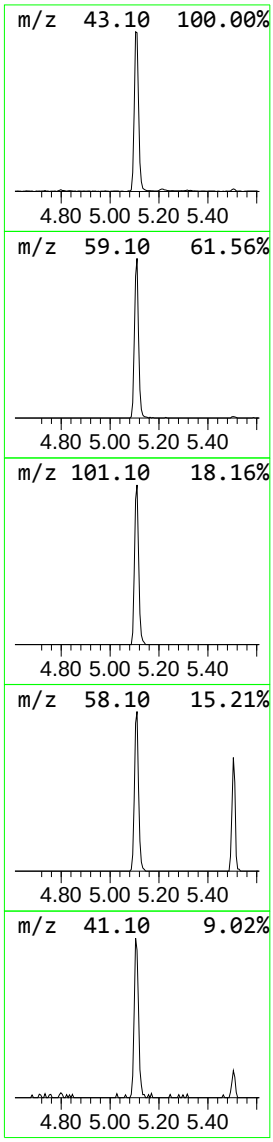
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	17.23 ng	270846	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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BNA_F
ClientSampleId :
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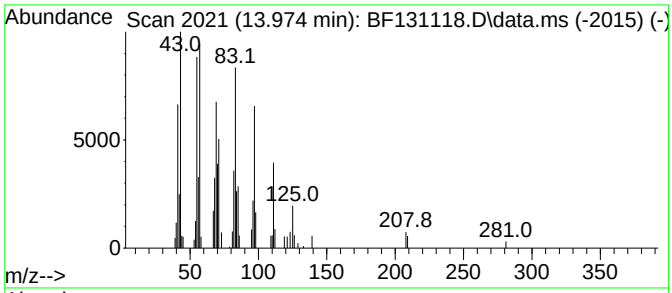
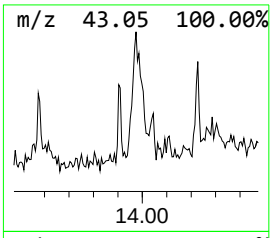
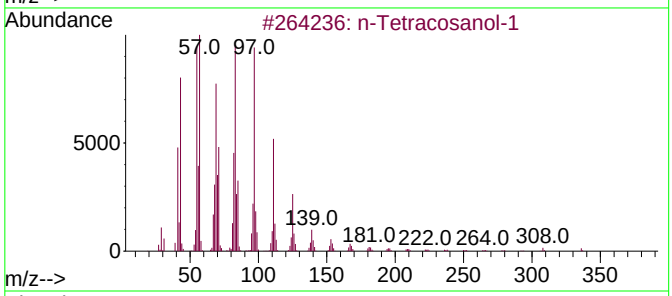
Peak Number 3 n-Tetracosanol-1 Concentration Rank 3

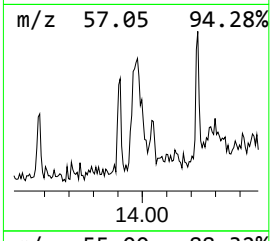
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.974	4.65 ng	88678	Chrysene-d12	14.074

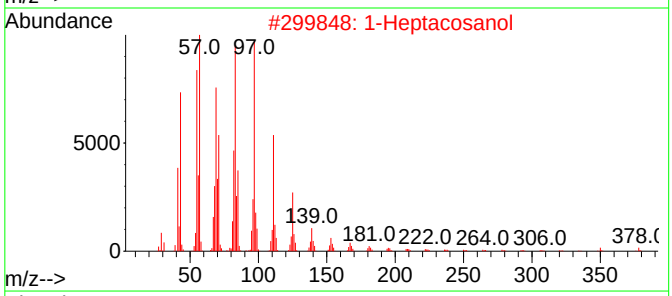
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	1-Hexacosene	364	C26H52	018835-33-1	91

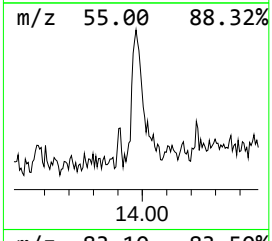


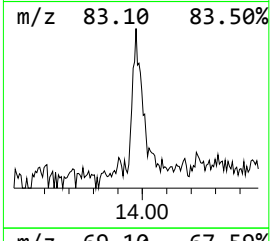


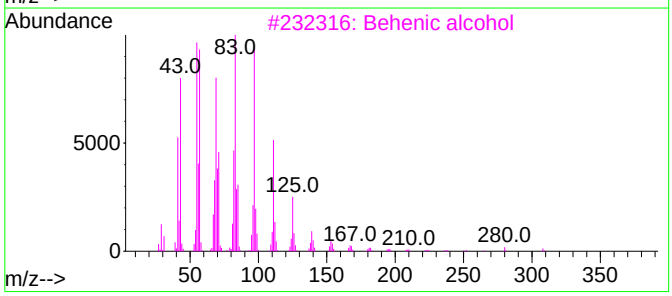


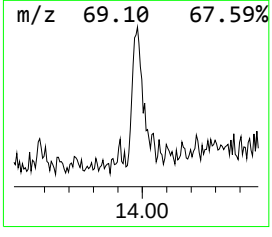












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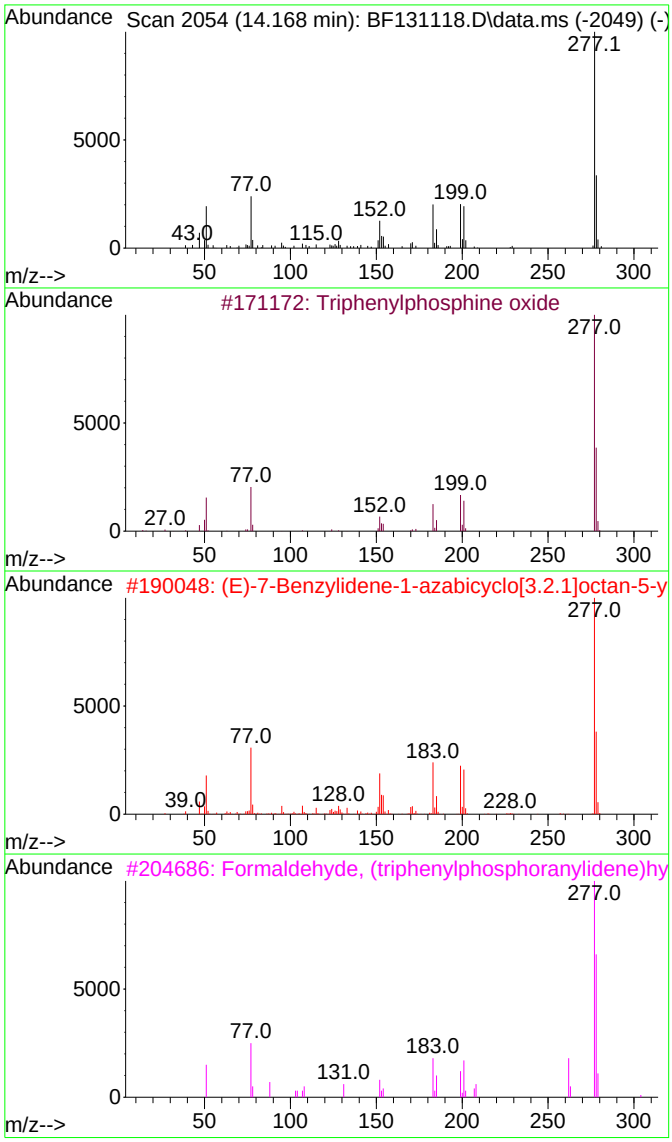
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

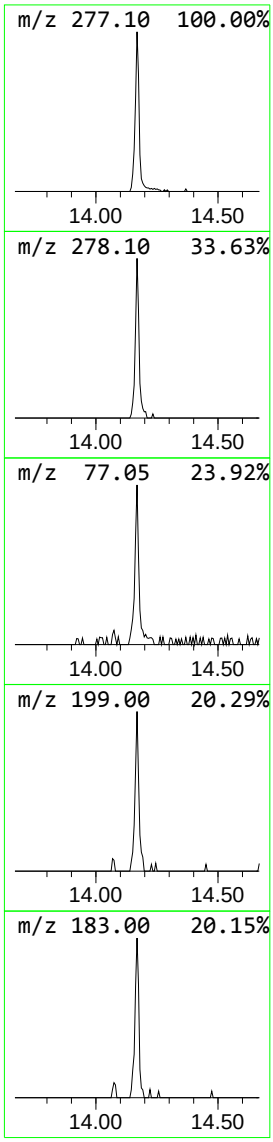
****

Peak Number 4 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.168	3.66 ng	69765	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	46
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
4	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	27
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	25





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.163	28.9	ng	454981	1	6.887	314468	20.0
2-Pentanone, 4-...	5.110	17.2	ng	270846	1	6.887	314468	20.0
n-Tetracosanol-1	13.974	4.7	ng	88678	5	14.074	381203	20.0
Triphenylphosph...	14.168	3.7	ng	69765	5	14.074	381203	20.0