LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128520.D
Acq On : 27 May 2022 20:27
Operator : CG\JU
Sample : N2927-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P010-SS004-0006-01

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-BF052622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128520.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	471	474	481	rVB	83097	110288	1.90%	0.264%
2	5.457	533	539	542	rBV	4707896	5017320	86.50%	12.005%
3	6.463	703	710	713	rBV	4313293	5177981	89.27%	12.389%
4	6.834	770	773	777	rVB	1577783	1419081	24.46%	3.395%
5	7.398	863	869	872	rBV	3293303	3562561	61.42%	8.524%
6	7.598	898	903	908	rVB	63584	66747	1.15%	0.160%
7	8.116	986	991	995	rBV	1955816	1891751	32.61%	4.526%
8	9.198	1168	1175	1178	rBV	5694526	5800557	100.00%	13.879%
9	9.310	1191	1194	1198	rVB	74225	70327	1.21%	0.168%
10	9.874	1284	1290	1293	rBV	2465602	2112350	36.42%	5.054%
11	10.663	1417	1424	1427	rBV	3749892	3679859	63.44%	8.805%
12	11.363	1538	1543	1546	rBV	2458568	2110912	36.39%	5.051%
13	11.892	1629	1633	1644	rBV	511068	488606	8.42%	1.169%
14	12.174	1674	1681	1687	rBV6	30817	64970	1.12%	0.155%
15	12.574	1742	1749	1752	rBV	141695	154926	2.67%	0.371%
16	12.680	1762	1767	1781	rBV2	269317	321704	5.55%	0.770%
17	12.798	1785	1787	1791	rVB	106102	95060	1.64%	0.227%
18	12.951	1809	1813	1817	rBV	4926095	5091056	87.77%	12.181%
19	13.892	1965	1973	1984	rBV5	86323	293689	5.06%	0.703%
20	14.004	1987	1992	1995	rBV	1632361	1584584	27.32%	3.791%
21	14.098	2001	2008	2019	rBV	975621	1276983	22.01%	3.055%
22	15.462	2235	2240	2246	rBV	1000186	1253563	21.61%	2.999%
23	16.339	2385	2389	2394	rVB	39236	61609	1.06%	0.147%
24	17.733	2621	2626	2636	rVB	29686	87849	1.51%	0.210%

Sum of corrected areas: 41794333

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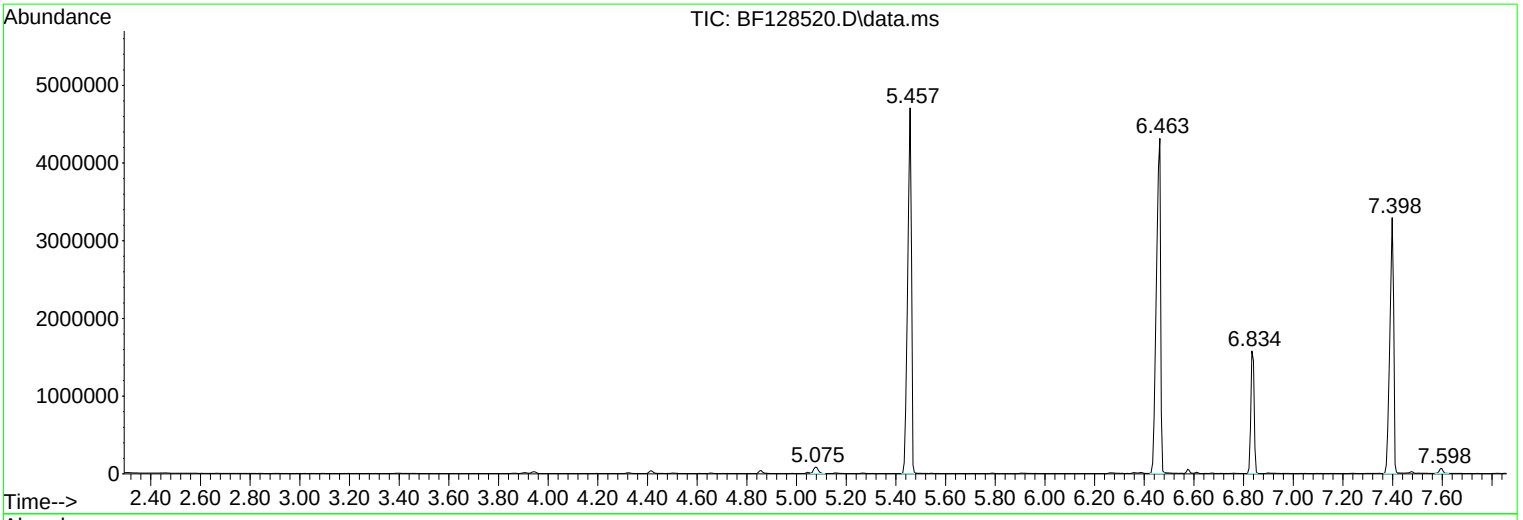
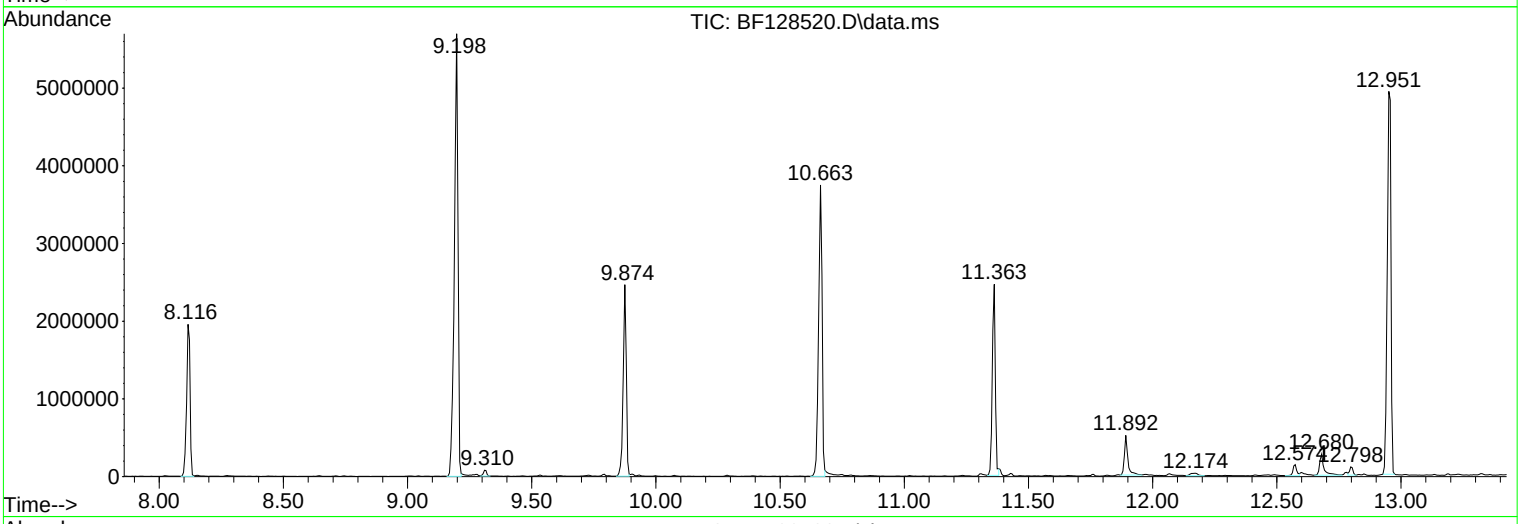
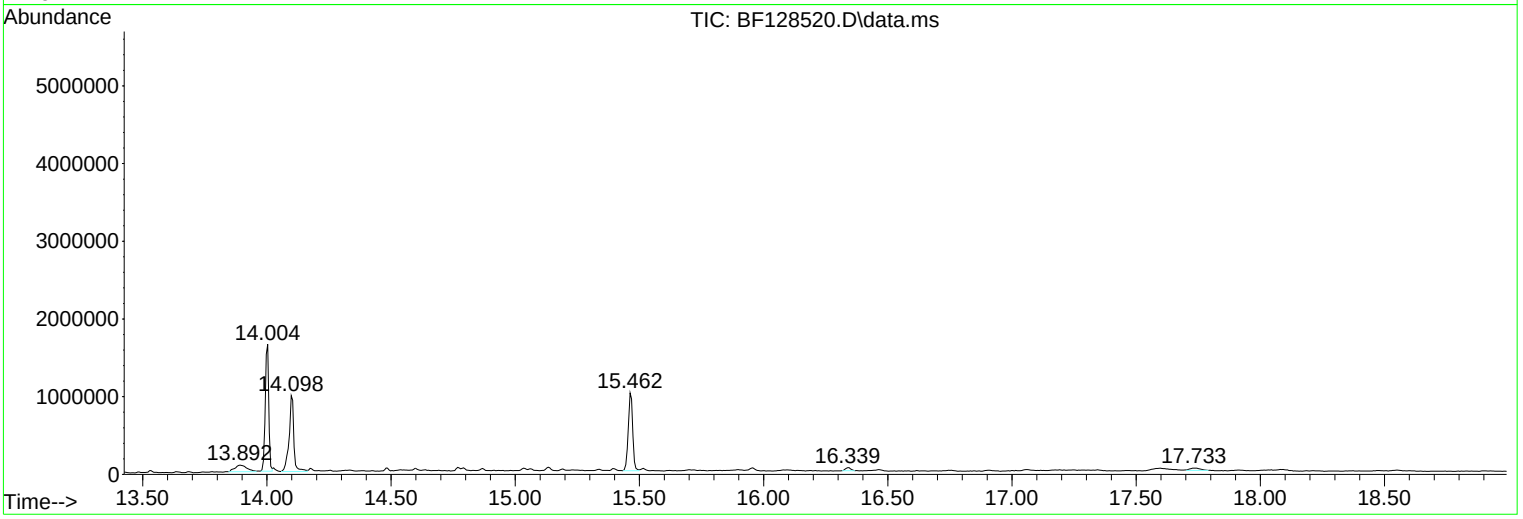
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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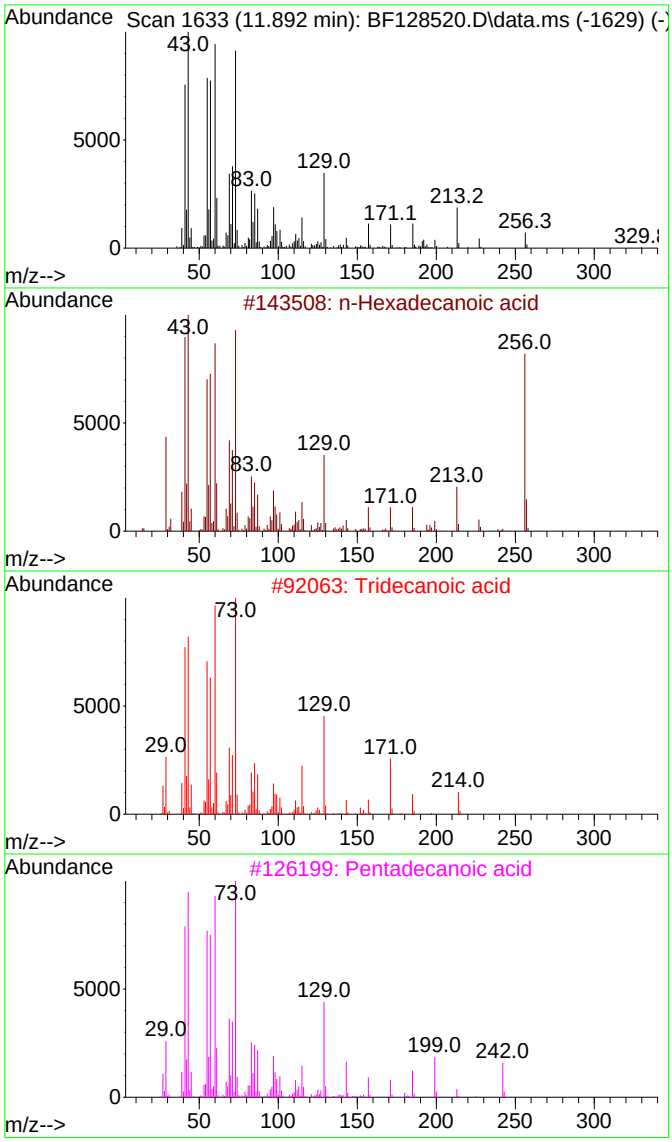
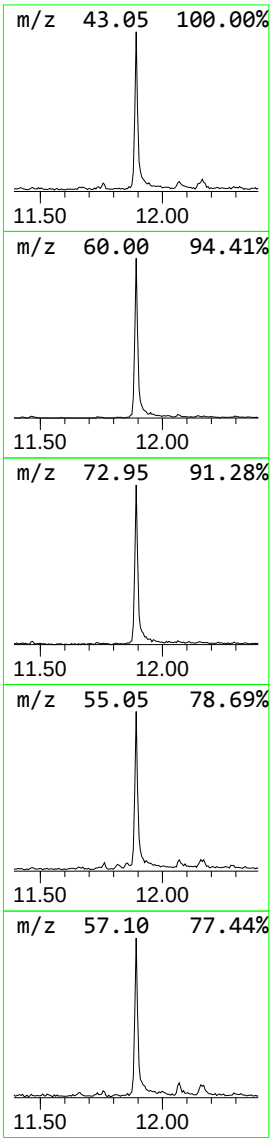
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	4.63 ng	488606	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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ClientSampleId :
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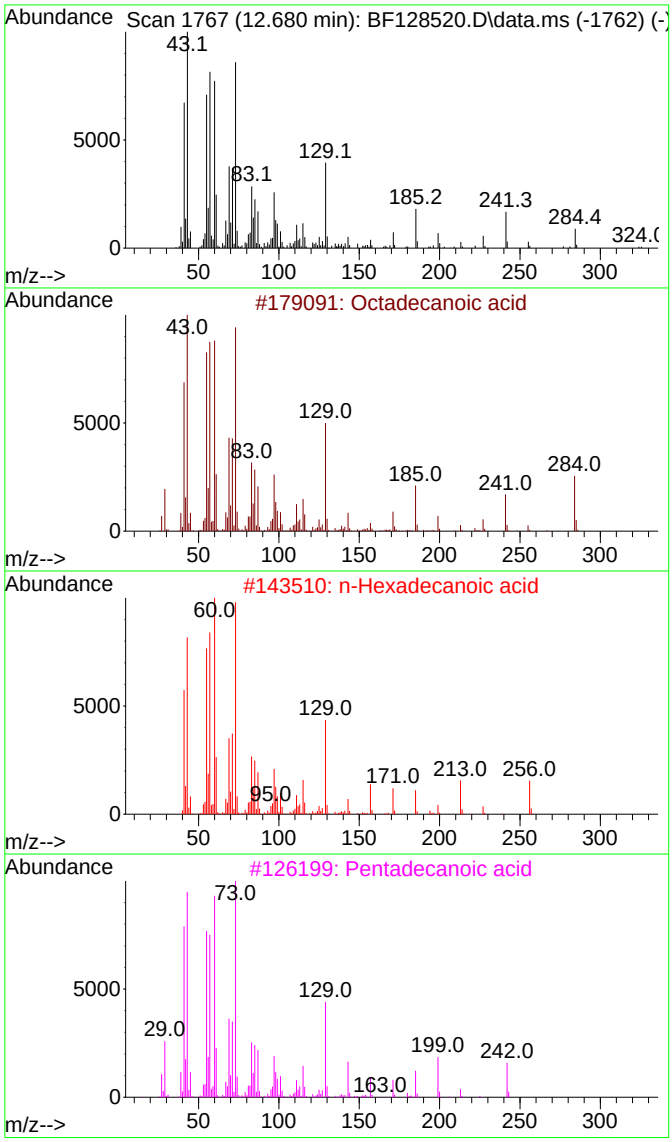
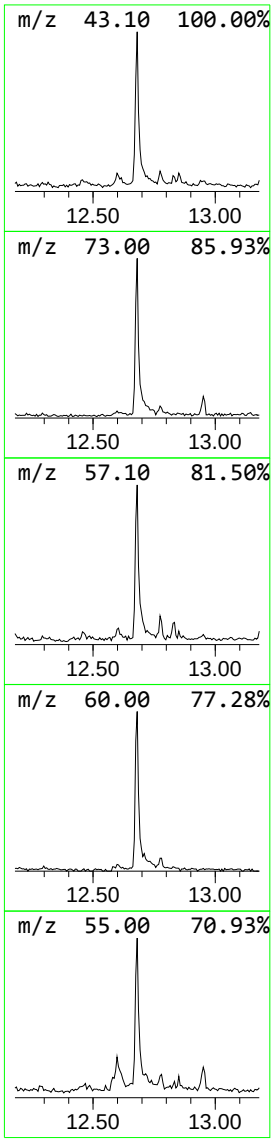
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	3.05 ng	321704	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Operator : CG\JU
Sample : N2927-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P010-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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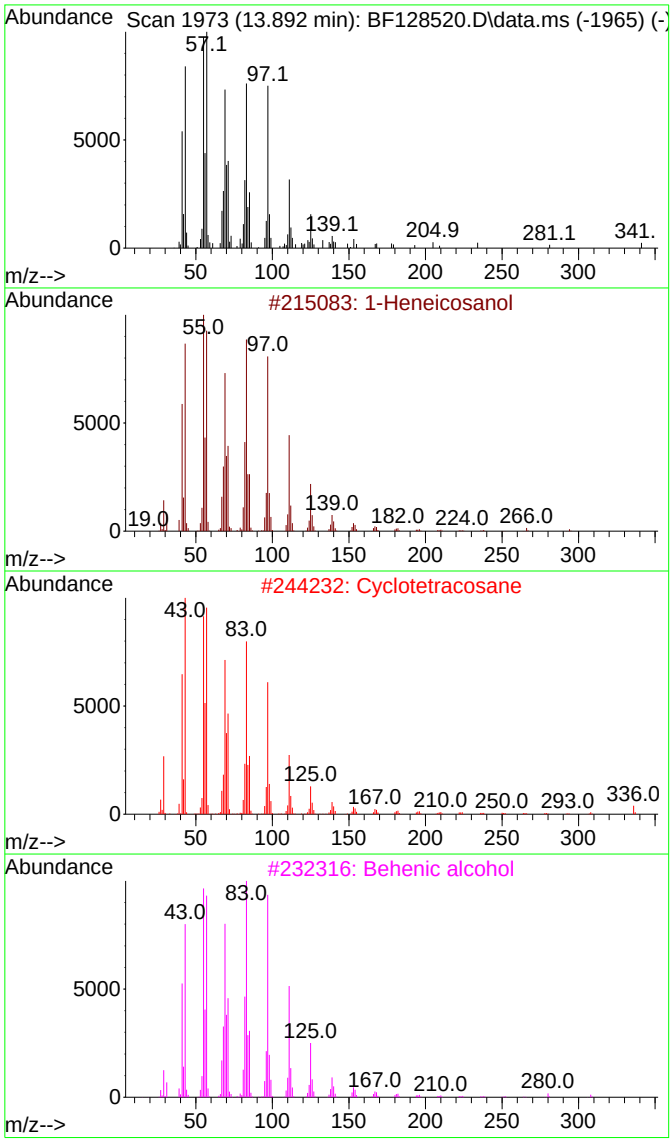
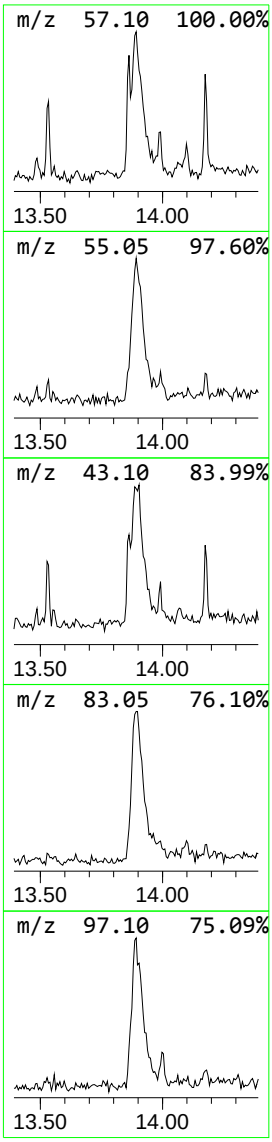
Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	3.71 ng	293689	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	1-Hexacosene	364	C26H52	018835-33-1	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P010-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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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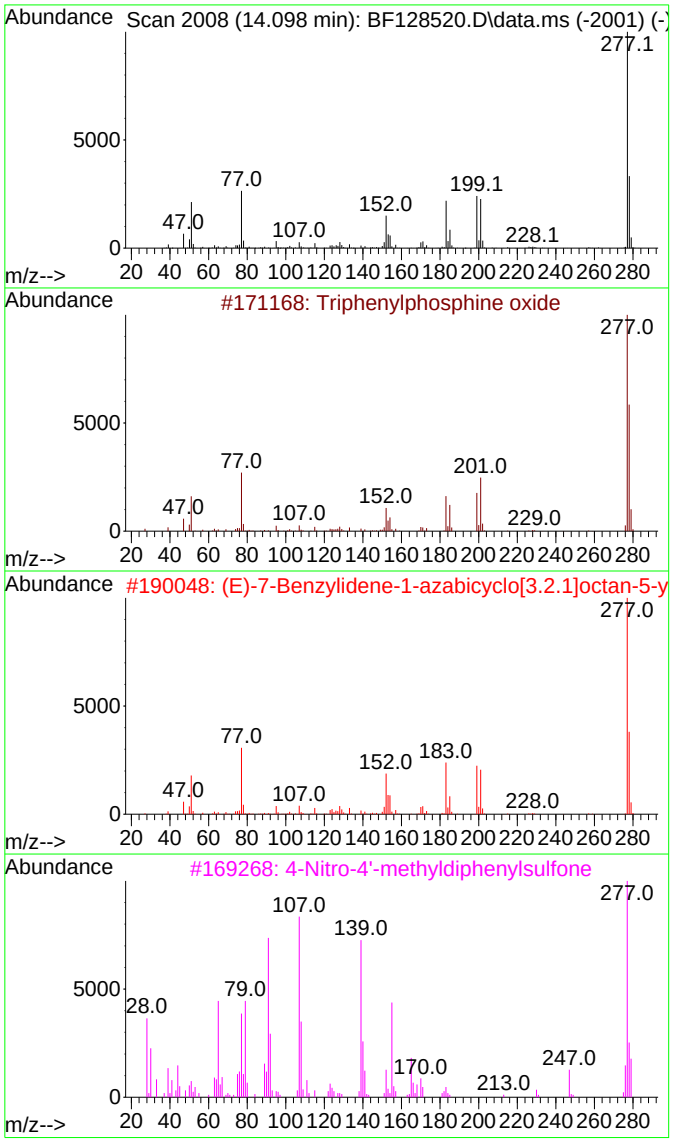
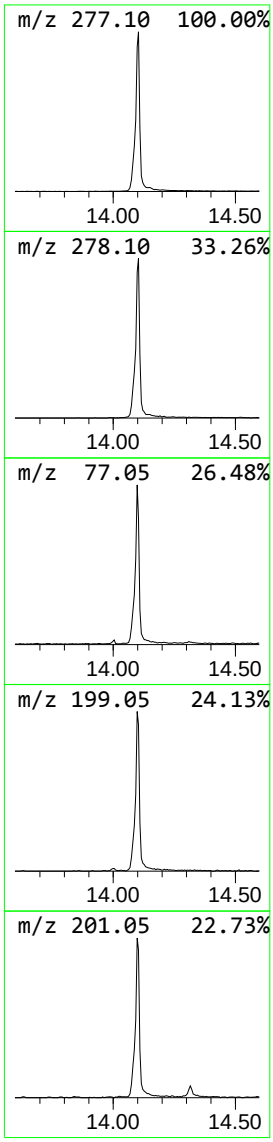
Peak Number 4 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	16.12 ng	1276980	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	83
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	81
3	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	43
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	25





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.892	4.6	ng	488606	4	11.363	2110910	20.0
Octadecanoic acid	12.680	3.0	ng	321704	4	11.363	2110910	20.0
1-Heneicosanol	13.892	3.7	ng	293689	5	14.004	1584580	20.0
Triphenylphosph...	14.098	16.1	ng	1276980	5	14.004	1584580	20.0