LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008852.D
Acq On : 19 Jan 2022 14:15
Operator : CG/JU
Sample : N1154-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220031-KEANSBURG-2-MODIFIED-ELUTRIATE

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008852.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.052	7	11	28	rVB	4674723	5833748	60.41%	10.998%
2	4.963	331	336	346	rVB2	97413	156005	1.62%	0.294%
3	5.434	410	416	428	rBV	430048	687934	7.12%	1.297%
4	7.022	677	686	703	rBV	366477	792943	8.21%	1.495%
5	7.846	816	826	834	rBV	1007899	1674066	17.34%	3.156%
6	9.010	1010	1024	1035	rBV	2187441	3908665	40.48%	7.369%
7	9.451	1093	1099	1105	rVB	133366	209677	2.17%	0.395%
8	10.445	1259	1268	1278	rBV4	41240	119532	1.24%	0.225%
9	10.645	1294	1302	1311	rBV	1246824	2228237	23.08%	4.201%
10	13.110	1713	1721	1737	rBV	6191698	9656325	100.00%	18.205%
11	13.322	1752	1757	1765	rBV2	77132	118711	1.23%	0.224%
12	13.945	1857	1863	1868	rBV	92075	161665	1.67%	0.305%
13	14.486	1945	1955	1974	rBV	1933402	3024879	31.33%	5.703%
14	15.298	2088	2093	2098	rBV2	51423	101582	1.05%	0.192%
15	15.980	2203	2209	2218	rBV	1227875	2065141	21.39%	3.893%
16	17.245	2417	2424	2434	rBV	2038298	3206932	33.21%	6.046%
17	17.921	2534	2539	2543	rVB	298491	357024	3.70%	0.673%
18	18.139	2572	2576	2583	rBV	104317	188612	1.95%	0.356%
19	19.051	2728	2731	2735	rVB	115915	131891	1.37%	0.249%
20	19.804	2854	2859	2867	rBV	7700907	9034072	93.56%	17.032%
21	21.045	3066	3070	3080	rBV	964511	1474521	15.27%	2.780%
22	21.333	3114	3119	3129	rBV	2415155	3076305	31.86%	5.800%
23	21.451	3135	3139	3144	rBV	866989	1295429	13.42%	2.442%
24	23.751	3524	3530	3539	rVB2	1643677	3539287	36.65%	6.672%

Sum of corrected areas: 53043183

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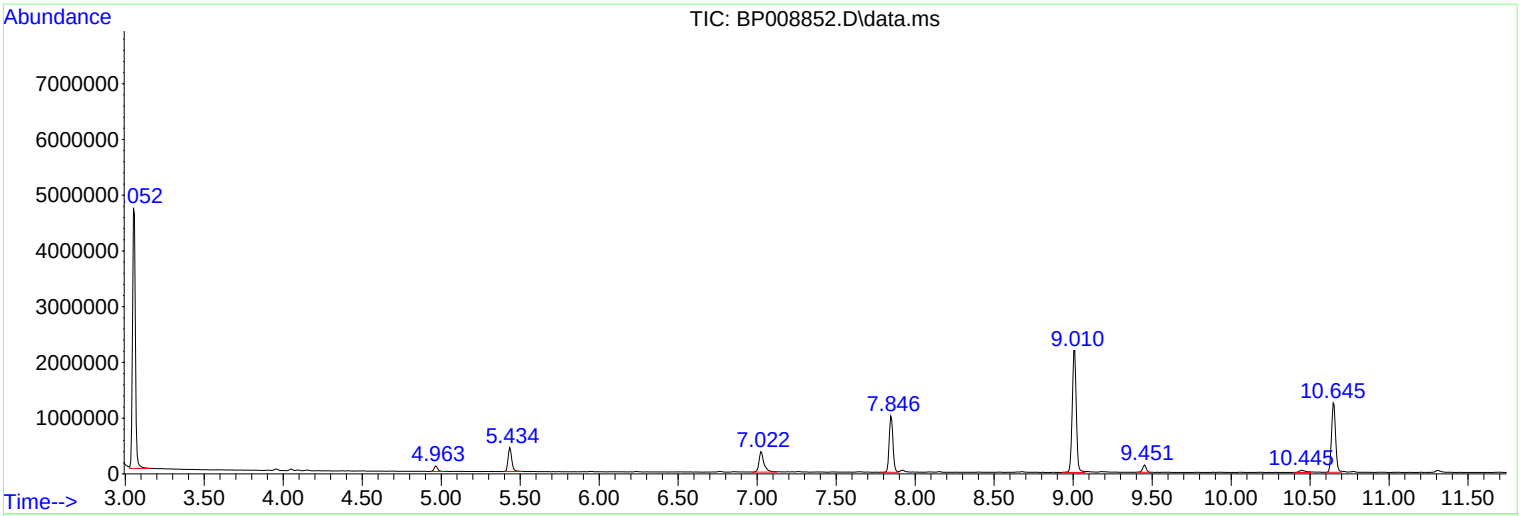
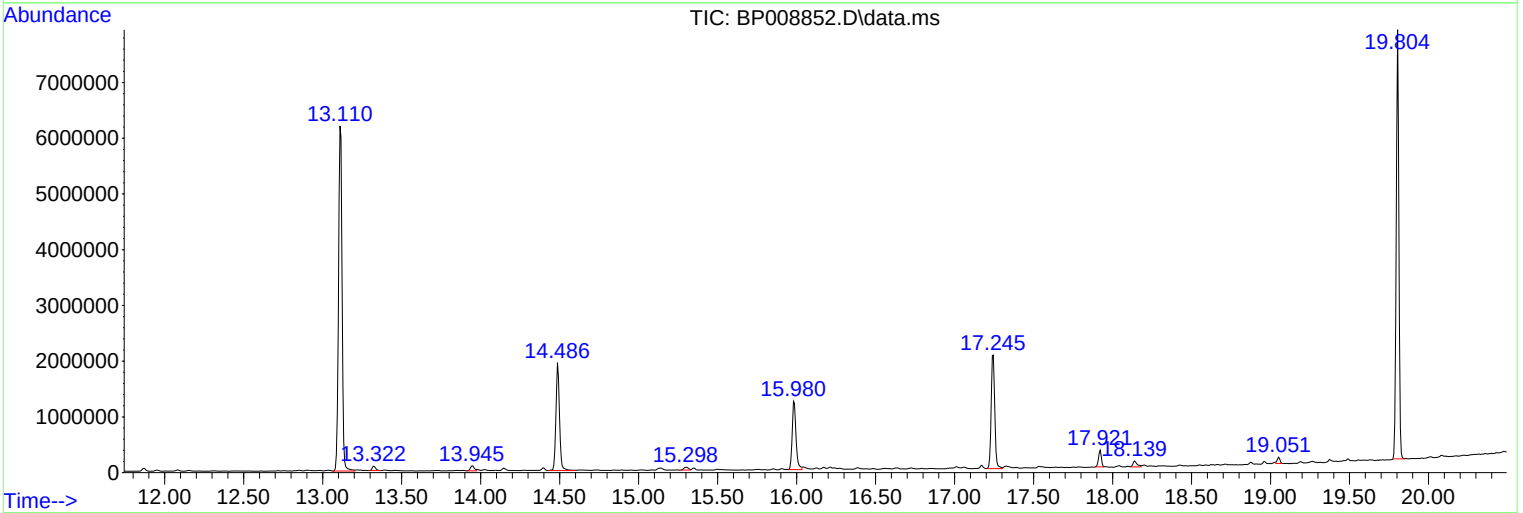
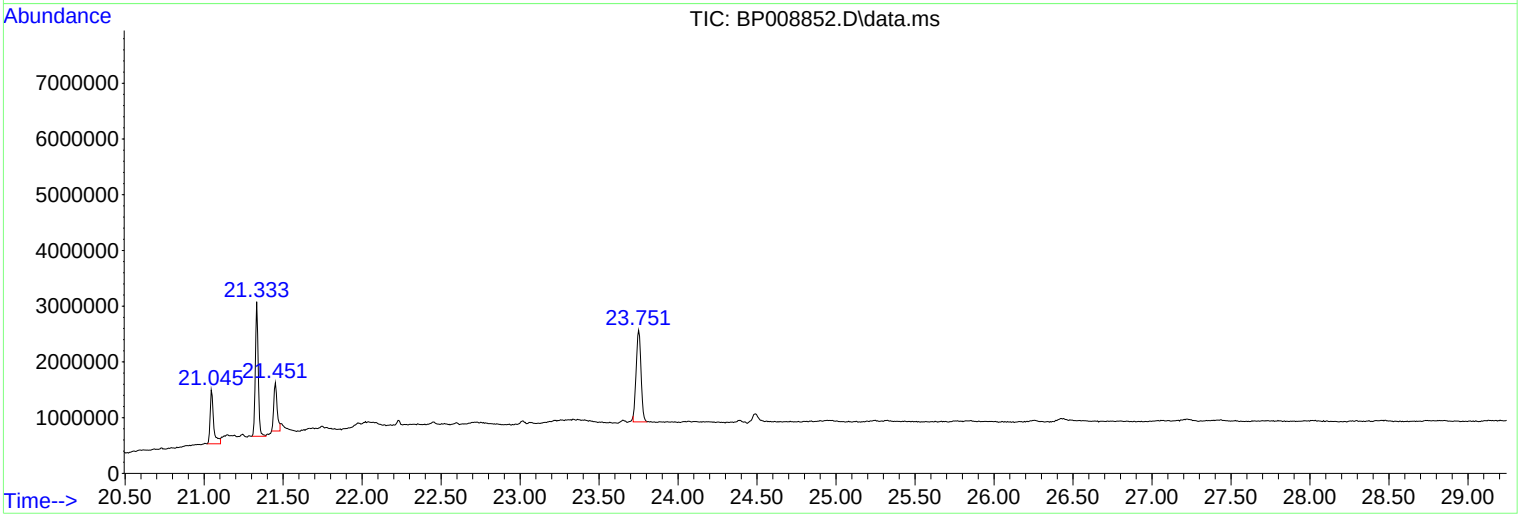
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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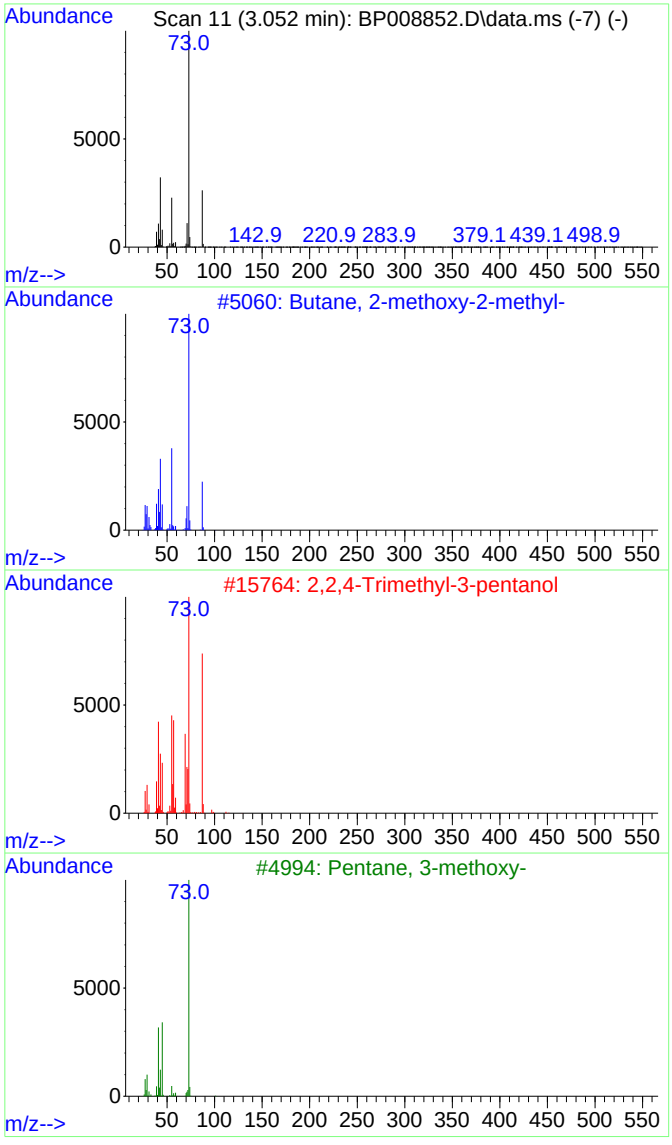
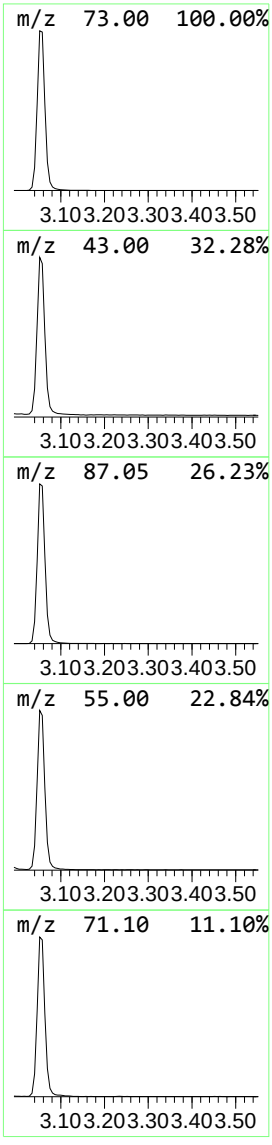
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.052	69.70 ng	5833750	1,4-Dichlorobenzene-d4	7.846

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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Instrument :
BNA_P
ClientSampleId :
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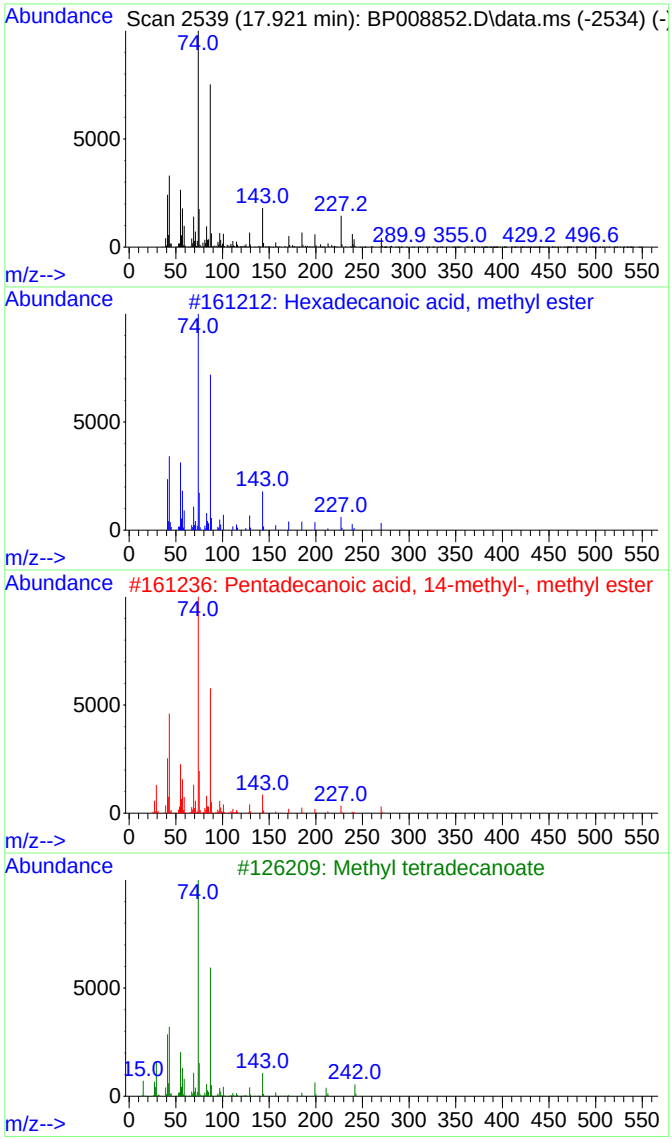
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

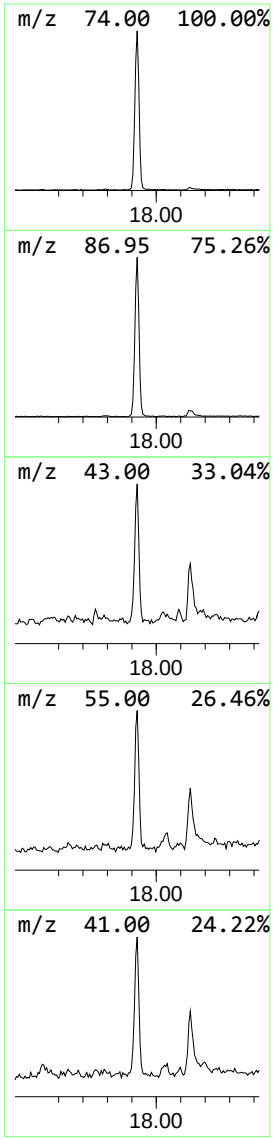
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.922	2.23 ng	357024	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Methyl stearate	298	C19H38O2	000112-61-8	83





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Data File : BP008852.D
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Sample : N1154-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220031-KEANSBURG-2-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
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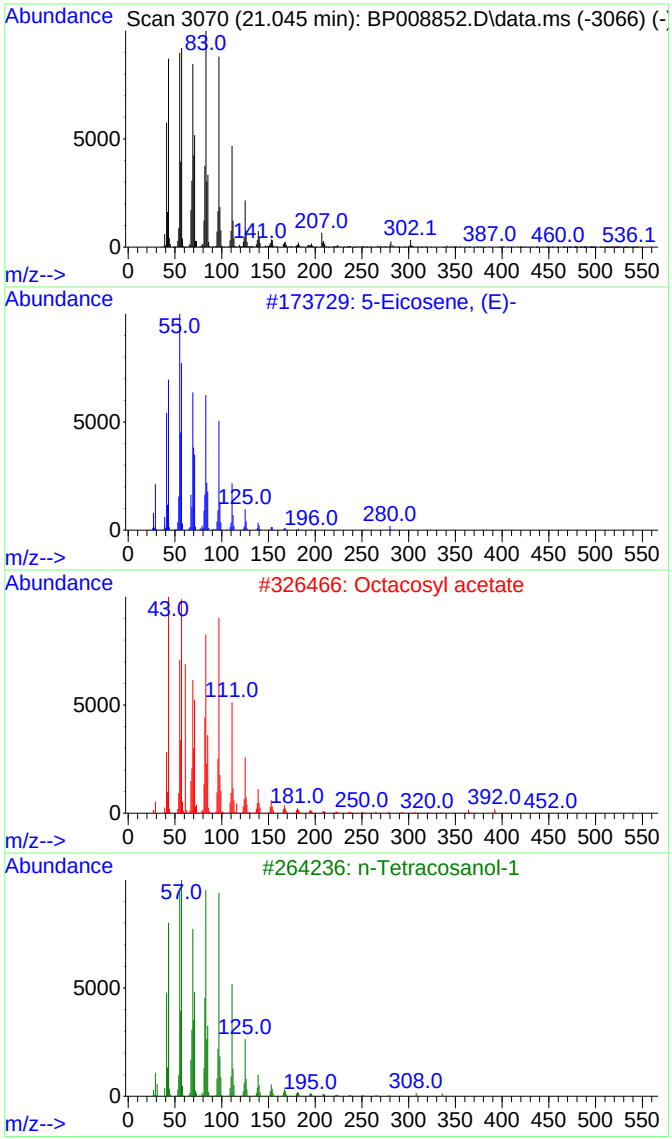
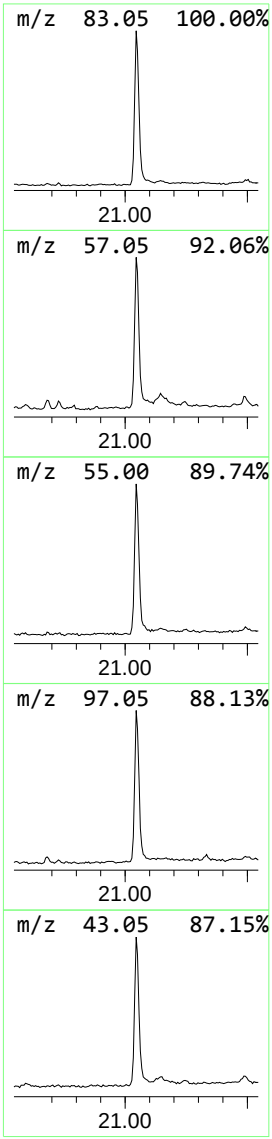
****

Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	9.59 ng	1474520	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Octacosyl acetate	452	C30H60O2	018206-97-8	96
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Tetracosene	336	C24H48	010192-32-2	95
5	1-Heneicosanol	312	C21H44O	015594-90-8	95





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
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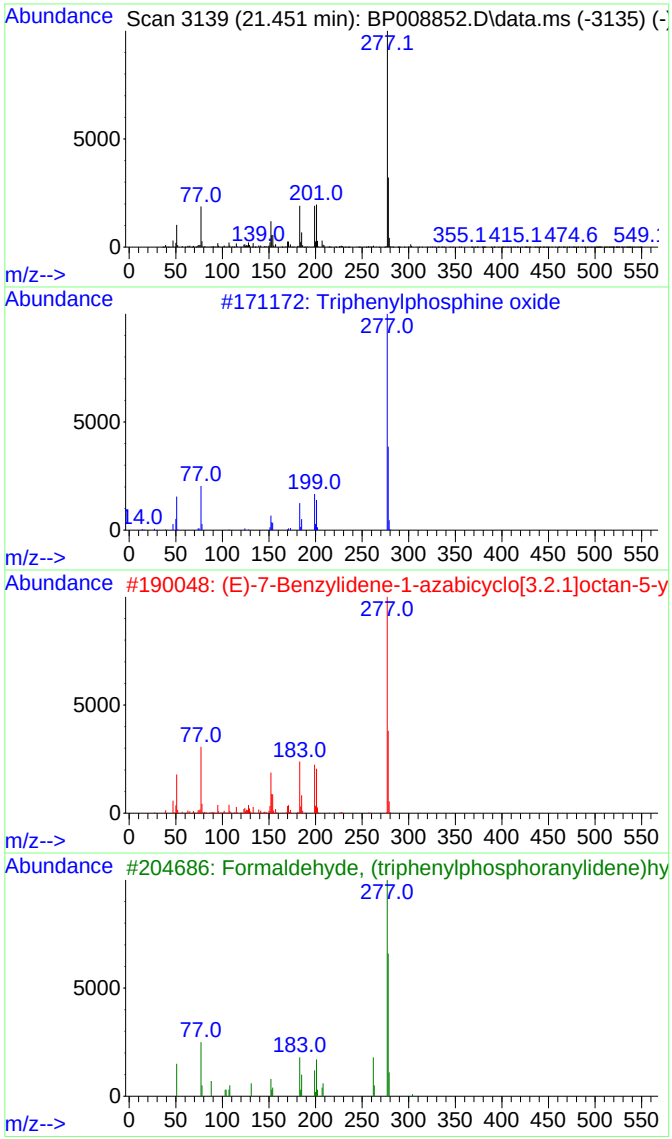
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

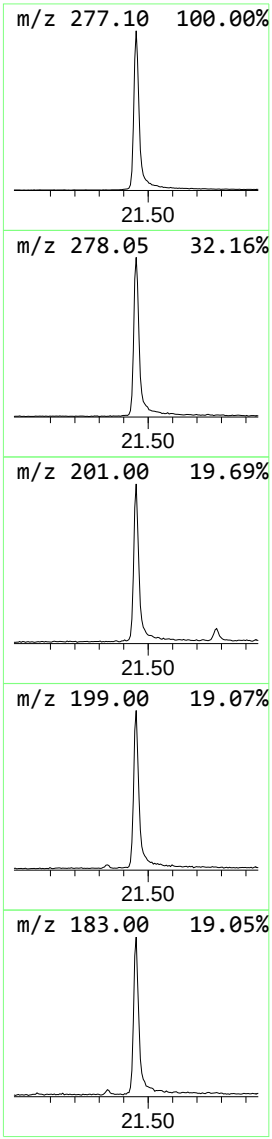
****

Peak Number 4 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.451	8.42 ng	1295430	Chrysene-d12	21.333

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	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	28





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...	3.052	69.7	ng	5833750	1	7.846	1674070	20.0
Hexadecanoic ac...	17.922	2.2	ng	357024	4	17.245	3206930	20.0
5-Eicosene, (E)-	21.045	9.6	ng	1474520	5	21.333	3076310	20.0
Triphenylphosph...	21.451	8.4	ng	1295430	5	21.333	3076310	20.0