LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009403.D
Acq On : 15 Mar 2022 17:57
Operator : CG/JU
Sample : N1912-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-242

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009403.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.058	8	12	18	rVB	304054	398229	2.83%	0.480%
2	4.946	326	333	341	rBV	86628	154207	1.09%	0.186%
3	5.422	406	414	428	rBV	3492903	5794550	41.13%	6.987%
4	7.005	675	683	697	rBV	3311187	6026988	42.78%	7.267%
5	7.811	813	820	829	rVB	955264	1612377	11.44%	1.944%
6	8.963	1004	1016	1027	rBV	2134461	3922221	27.84%	4.729%
7	10.410	1255	1262	1270	rBV2	49795	146329	1.04%	0.176%
8	10.604	1288	1295	1304	rBV	1244818	2280995	16.19%	2.750%
9	13.075	1707	1715	1728	rBV	5973505	9522842	67.59%	11.483%
10	14.451	1942	1949	1956	rBV	1941682	3111005	22.08%	3.751%
11	15.951	2197	2204	2214	rBV	4740882	7866116	55.83%	9.485%
12	17.216	2412	2419	2423	rBV	2325890	3719249	26.40%	4.485%
13	17.257	2423	2426	2431	rVB	282554	408899	2.90%	0.493%
14	17.345	2438	2441	2447	rVB	100006	155511	1.10%	0.188%
15	17.510	2465	2469	2482	rBV2	57921	147987	1.05%	0.178%
16	18.122	2569	2573	2580	rBV2	315089	489316	3.47%	0.590%
17	18.275	2595	2599	2603	rBV2	96704	164743	1.17%	0.199%
18	19.233	2757	2762	2770	rBV	1128083	1698719	12.06%	2.048%
19	19.586	2814	2822	2831	rBV	1021668	1633075	11.59%	1.969%
20	19.786	2851	2856	2869	rVB	10652231	14088661	100.00%	16.988%
21	21.051	3067	3071	3077	rBV3	597336	1068762	7.59%	1.289%
22	21.245	3100	3104	3108	rBV	732408	888362	6.31%	1.071%
23	21.322	3111	3117	3121	rBV2	3367737	5461262	38.76%	6.585%
24	21.445	3133	3138	3151	rBV	3611694	5747733	40.80%	6.931%
25	22.998	3398	3402	3408	rBV	473234	1077569	7.65%	1.299%
26	23.727	3521	3526	3547	rVB2	2240871	5347198	37.95%	6.448%

Sum of corrected areas: 82932905

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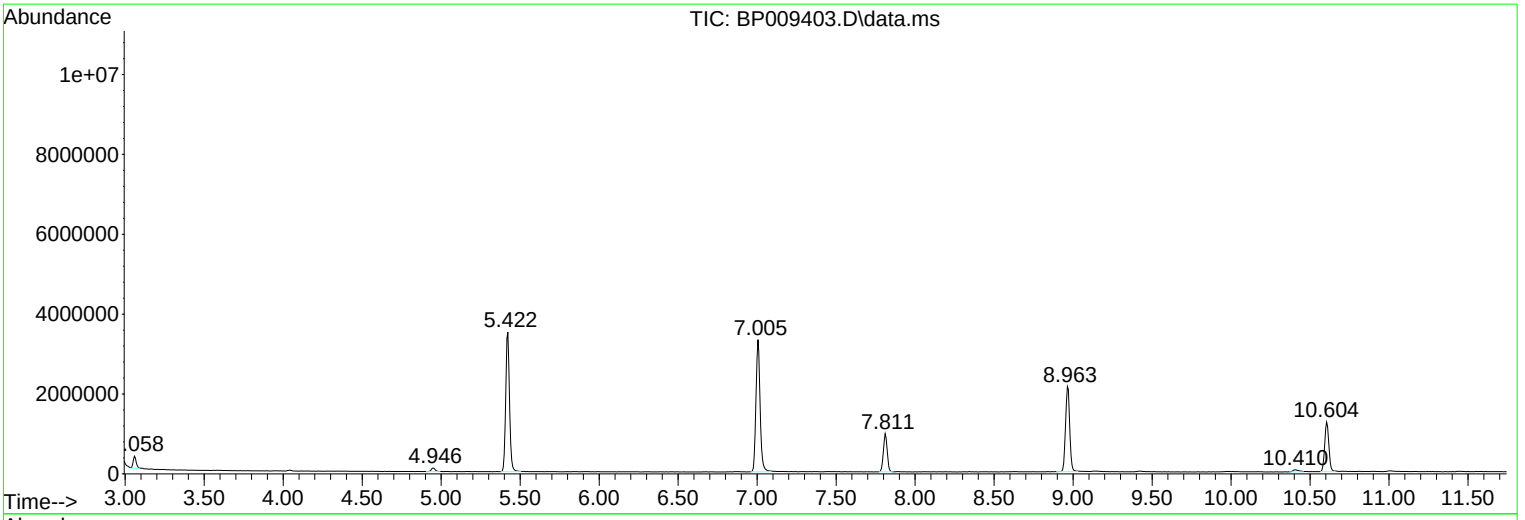
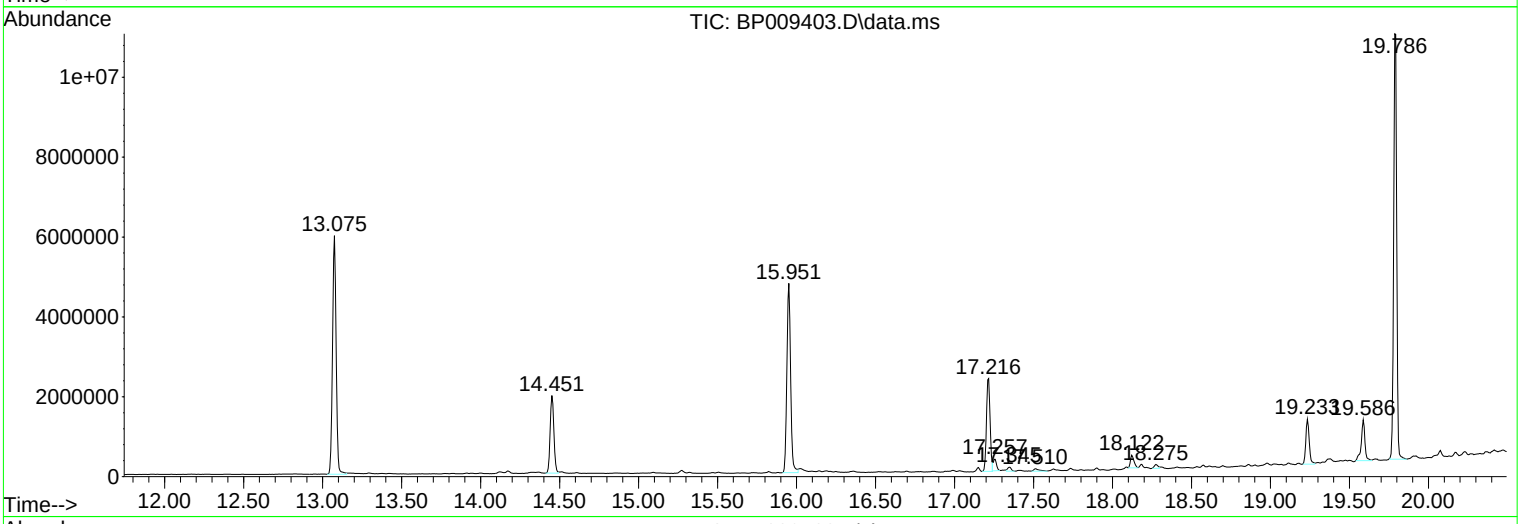
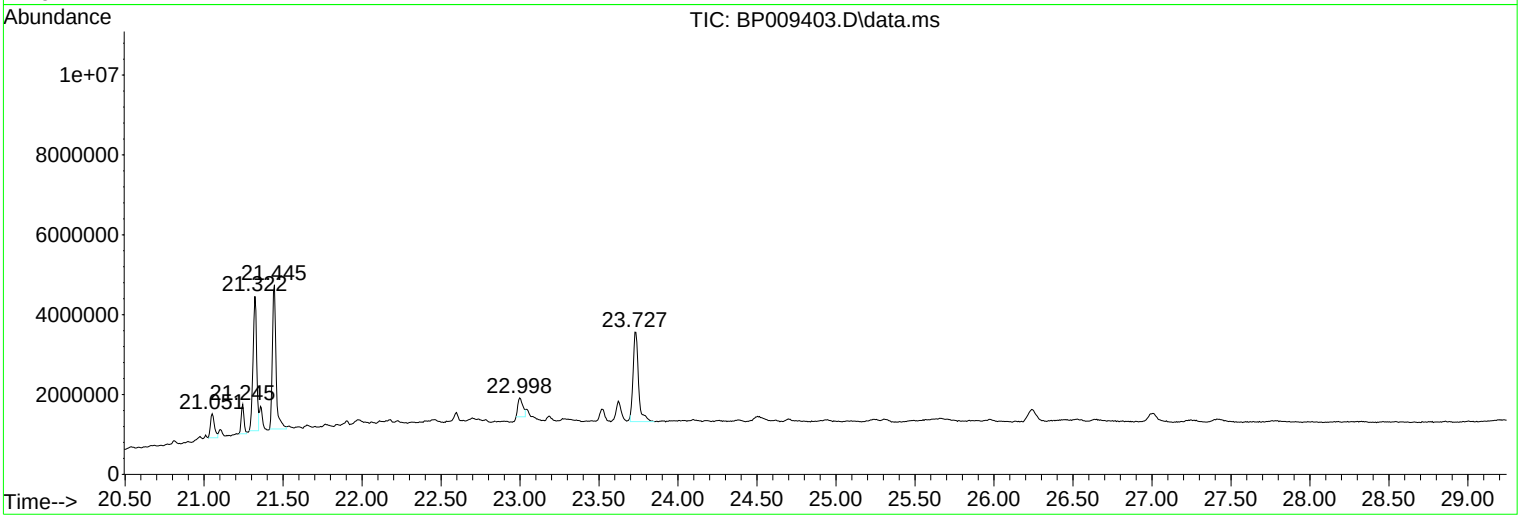
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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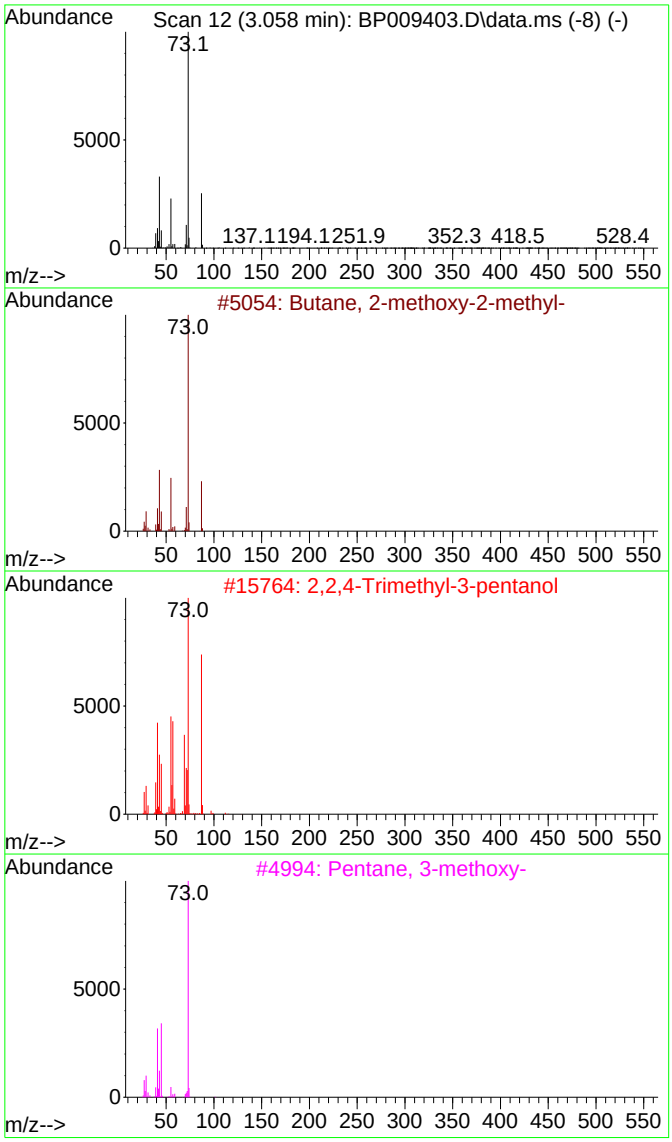
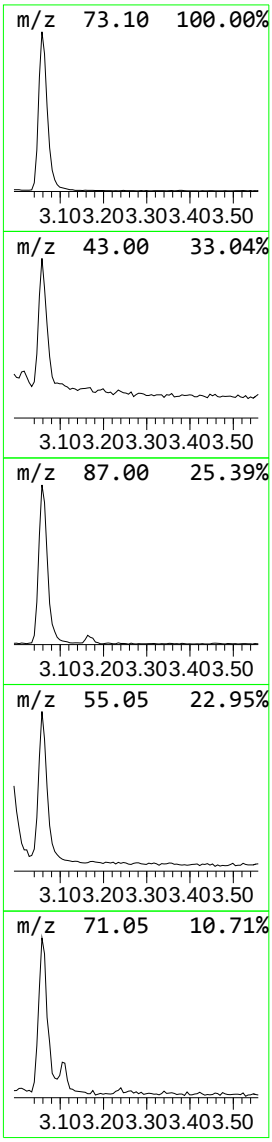
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.058	4.94 ng	398229	1,4-Dichlorobenzene-d4	7.811

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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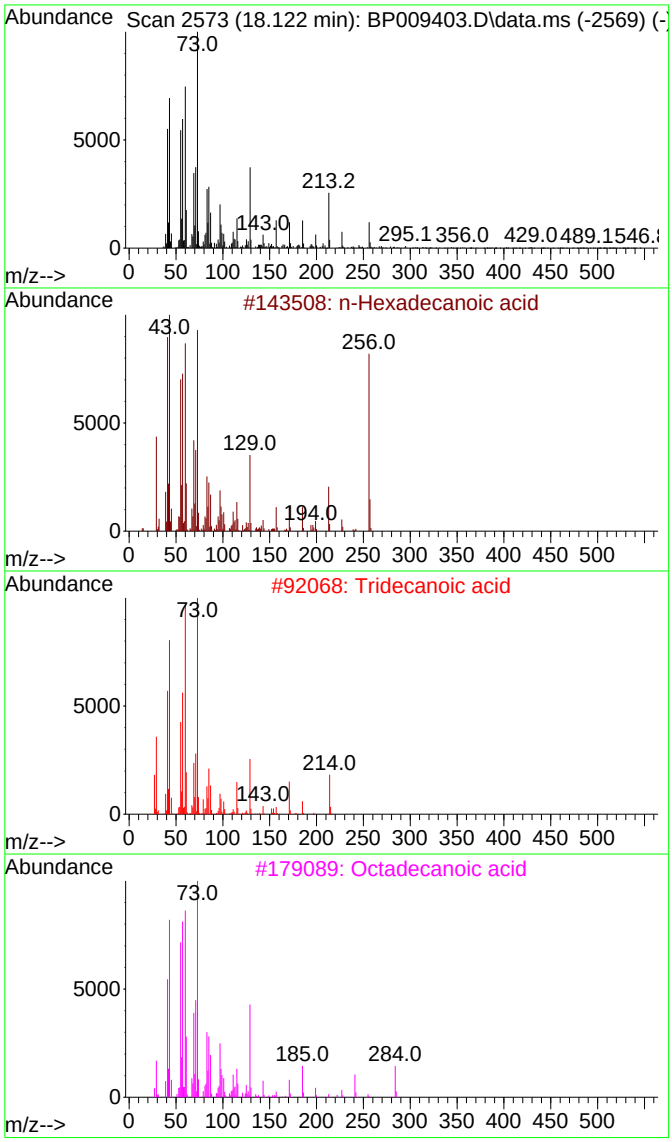
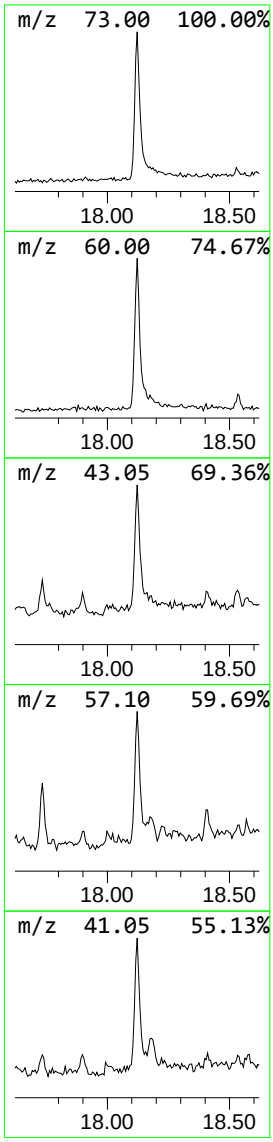
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	2.63 ng	489316	Phenanthrene-d10	17.216

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	89
3	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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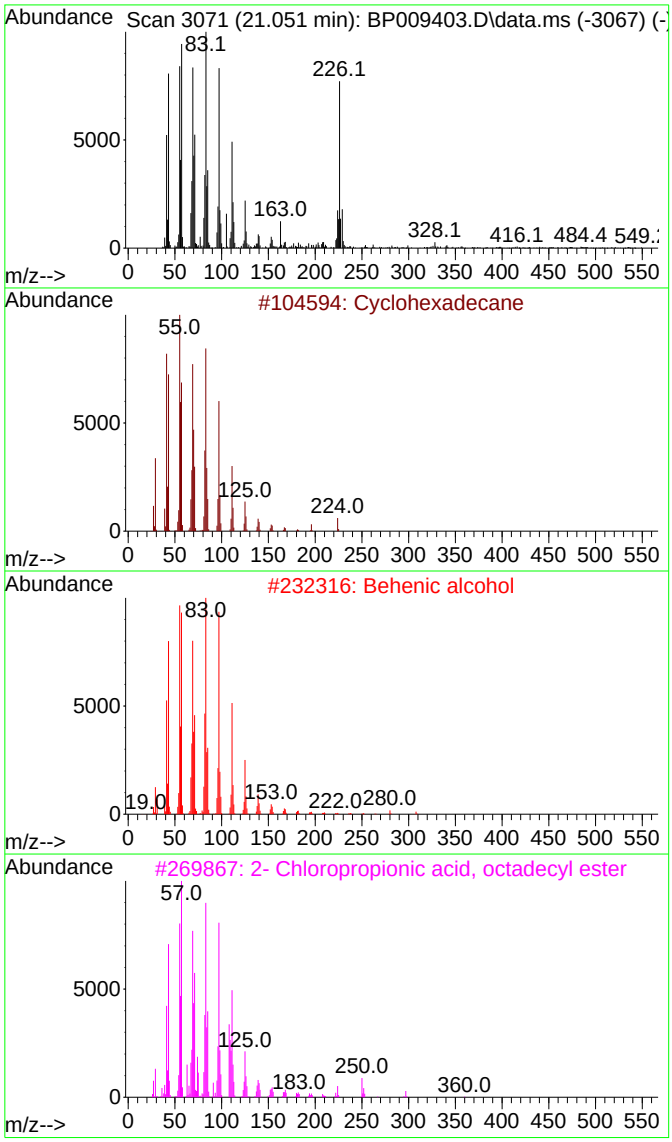
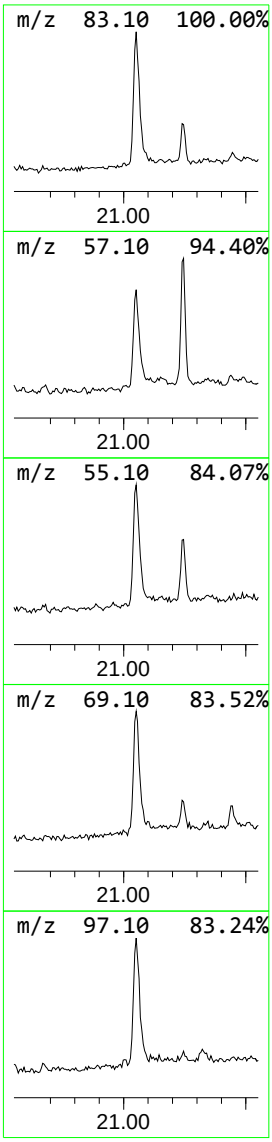
Peak Number 3 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	3.91 ng	1068760	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	89
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	76
4	1-Heneicosanol	312	C21H44O	015594-90-8	76
5	1-Heptacosanol	396	C27H56O	002004-39-9	76





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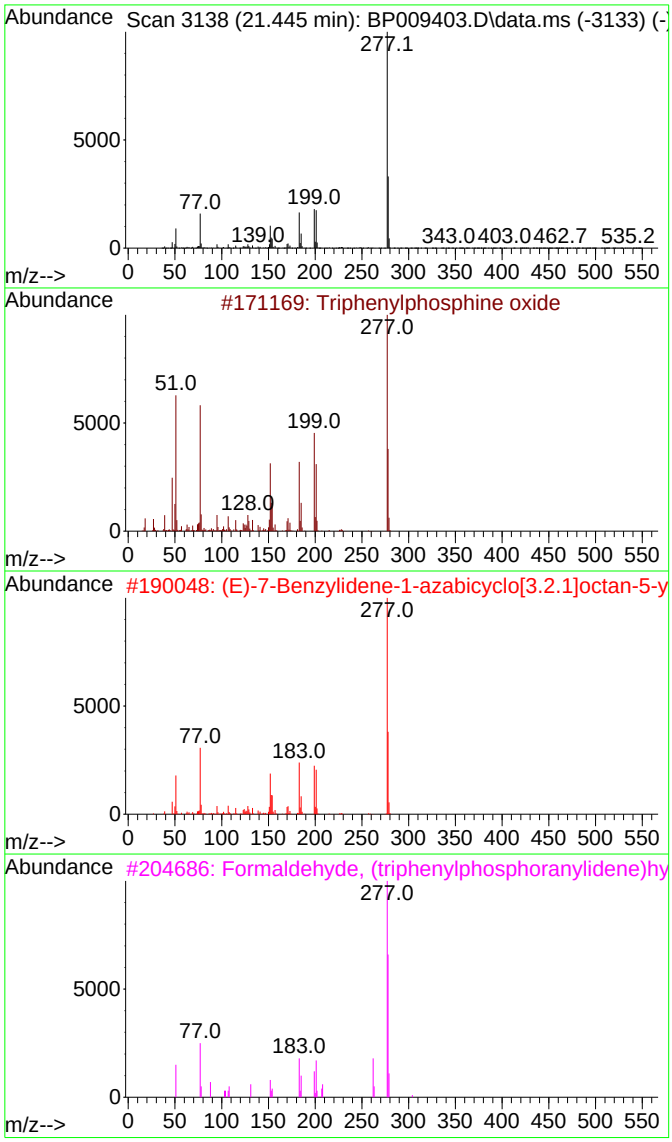
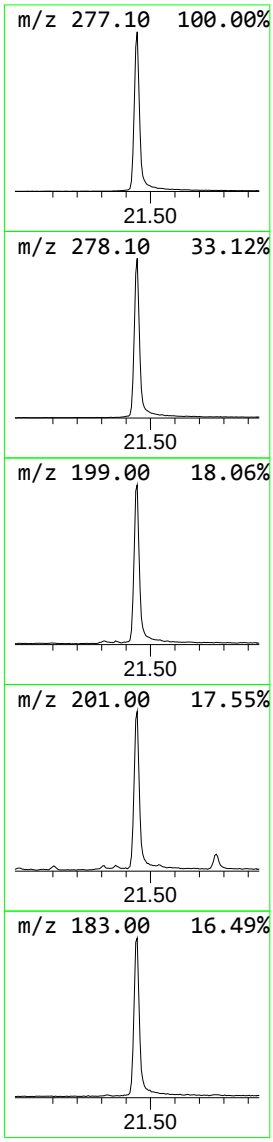
Peak Number 4 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.445	21.05 ng	5747730	Chrysene-d12	21.322

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	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
5	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	9





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...	3.058	4.9	ng	398229	1	7.811	1612380	20.0
n-Hexadecanoic ...	18.122	2.6	ng	489316	4	17.216	3719250	20.0
Cyclohexadecane	21.051	3.9	ng	1068760	5	21.322	5461260	20.0
Triphenylphosph...	21.445	21.1	ng	5747730	5	21.322	5461260	20.0