LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120121\
Data File : BP008183.D
Acq On : 01 Dec 2021 21:00
Operator : CG/JU
Sample : M4865-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-113021

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008183.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.393	402	409	421	rBV	255224	378236	5.78%	1.209%
2	6.981	670	679	690	rBV	201810	348385	5.32%	1.114%
3	7.799	810	818	827	rBV	410595	645249	9.86%	2.063%
4	8.957	1009	1015	1025	rBV	129902	234739	3.59%	0.750%
5	10.599	1283	1294	1300	rBV	433633	769814	11.76%	2.461%
6	13.063	1706	1713	1725	rBV	283844	434386	6.64%	1.389%
7	13.657	1810	1814	1822	rVB2	43719	67139	1.03%	0.215%
8	14.169	1895	1901	1907	rBV	61821	93982	1.44%	0.300%
9	14.445	1941	1948	1954	rBV	579585	867359	13.25%	2.773%
10	15.498	2123	2127	2131	rBV	49999	71514	1.09%	0.229%
11	15.945	2197	2203	2210	rBV	219578	330451	5.05%	1.056%
12	16.181	2238	2243	2250	rVB2	42500	84232	1.29%	0.269%
13	17.204	2412	2417	2421	rBV	749510	1056731	16.15%	3.378%
14	17.251	2421	2425	2430	rVB	273621	385948	5.90%	1.234%
15	17.339	2436	2440	2446	rVB	116709	158921	2.43%	0.508%
16	17.886	2528	2533	2539	rBV	2339390	2854459	43.62%	9.125%
17	18.110	2568	2571	2579	rVB2	144719	279383	4.27%	0.893%
18	18.269	2593	2598	2602	rBV3	126931	236314	3.61%	0.755%
19	18.563	2644	2648	2652	rVB3	54783	83889	1.28%	0.268%
20	18.998	2716	2722	2724	rBV	4098097	5373100	82.11%	17.177%
21	19.027	2724	2727	2731	rVV2	5383058	6543911	100.00%	20.920%
22	19.057	2731	2732	2736	rVB2	499714	312785	4.78%	1.000%
23	19.151	2744	2748	2753	rVB	1175381	1406810	21.50%	4.497%
24	19.227	2754	2761	2770	rBV	925262	1489452	22.76%	4.762%
25	19.580	2817	2821	2830	rVB	662844	982723	15.02%	3.142%
26	19.774	2850	2854	2858	rBV	545832	661436	10.11%	2.114%
27	20.163	2917	2920	2924	rVB	128163	148565	2.27%	0.475%
28	20.222	2927	2930	2933	rVV	203549	221165	3.38%	0.707%
29	21.310	3109	3115	3119	rBV2	1108312	1951226	29.82%	6.238%
30	21.345	3119	3121	3130	rVB	476306	593622	9.07%	1.898%
31	21.427	3132	3135	3138	rBV	351912	382525	5.85%	1.223%
32	22.980	3395	3399	3404	rBV	397759	714018	10.91%	2.283%
33	23.704	3518	3522	3528	rVB	611290	1118528	17.09%	3.576%

Sum of corrected areas: 31280997

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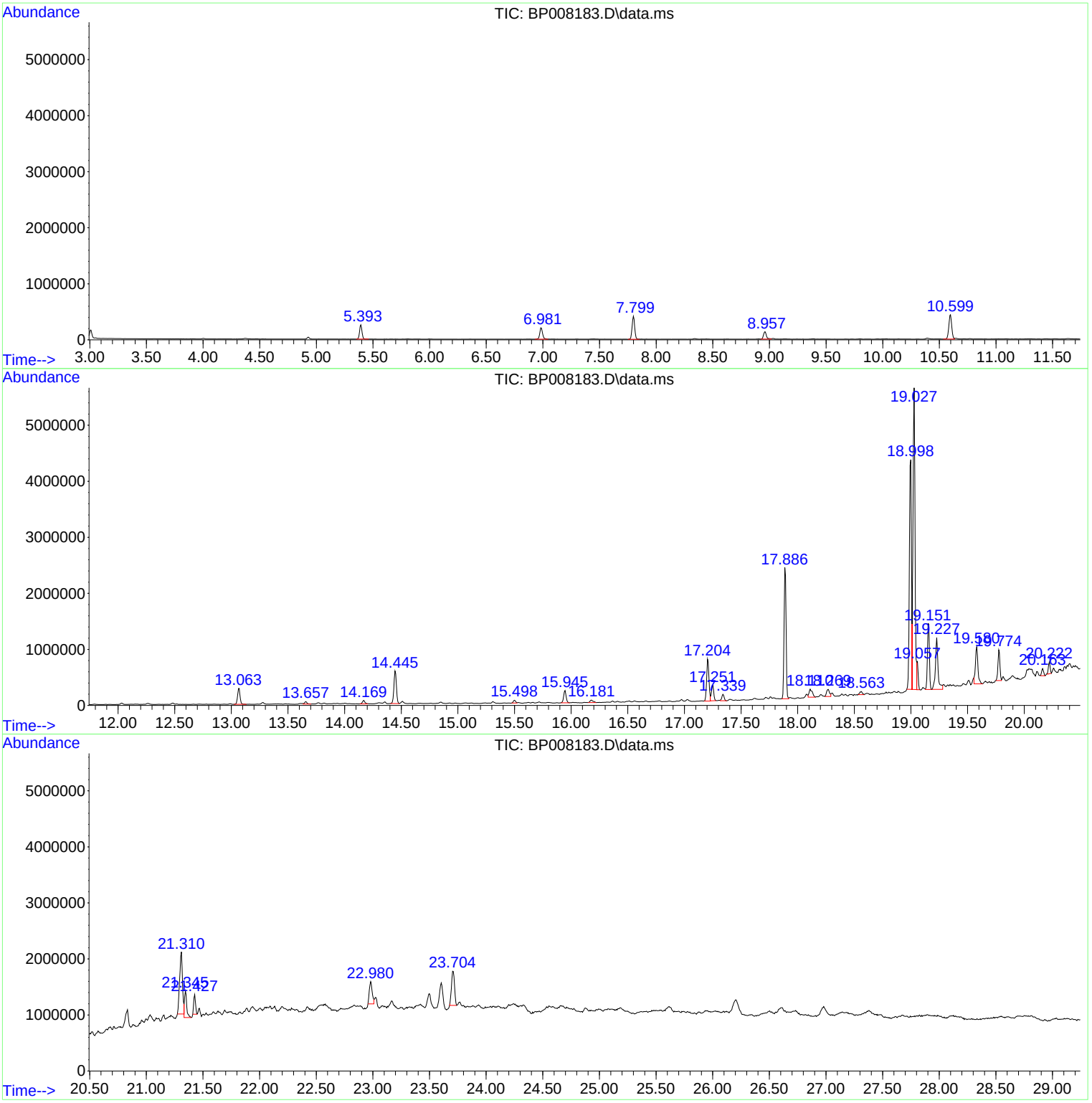
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-113021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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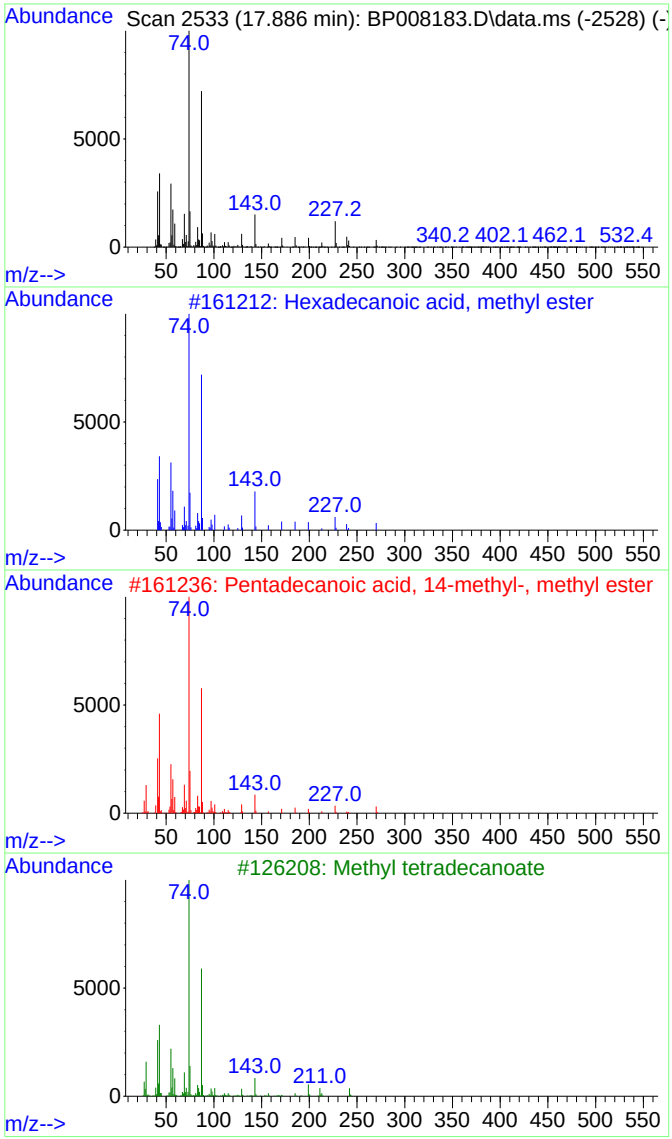
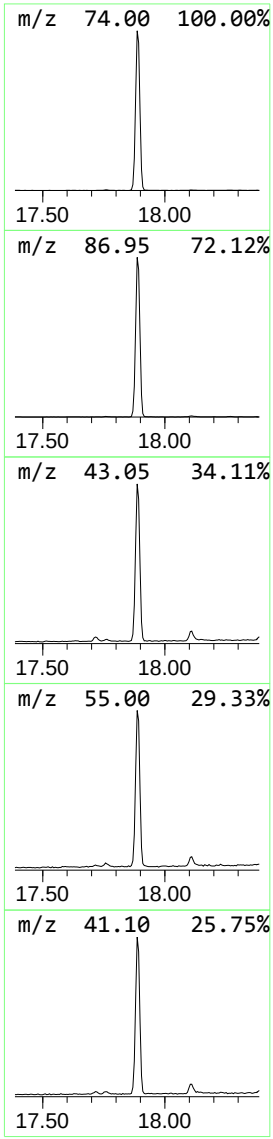
****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	54.02 ng	2854460	Phenanthrene-d10	17.204

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	96
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





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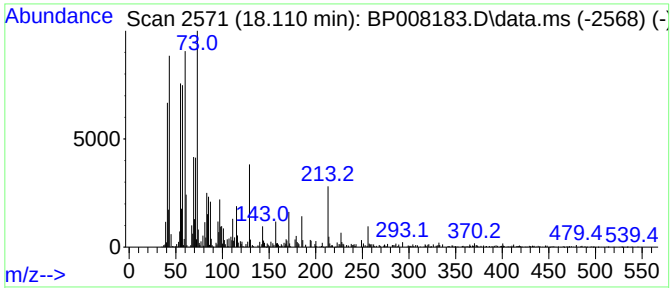
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

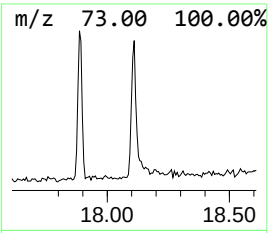
****

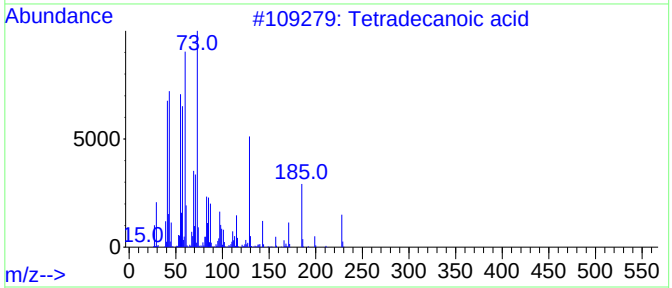
Peak Number 2 Tetradecanoic acid Concentration Rank 6

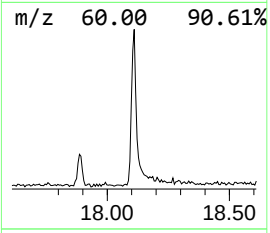
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	5.29 ng	279383	Phenanthrene-d10	17.204

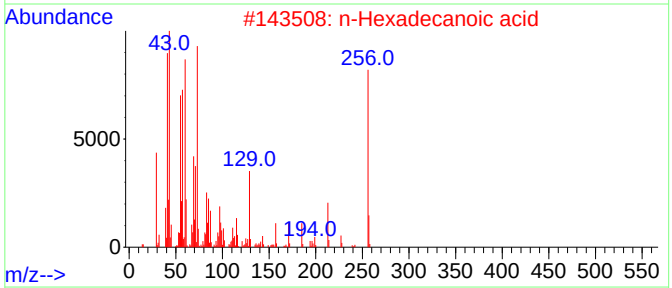
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90

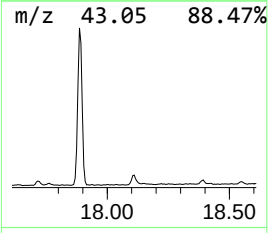


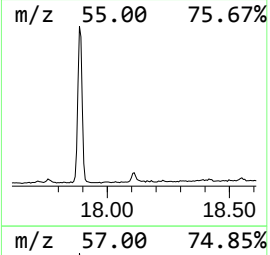


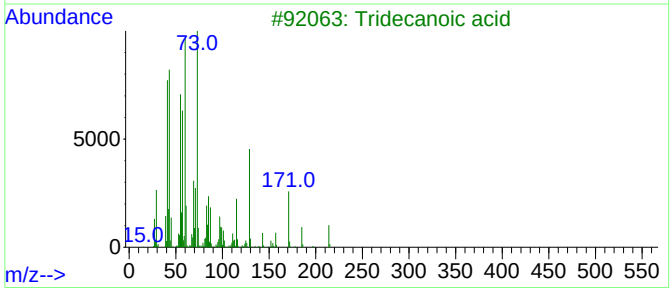


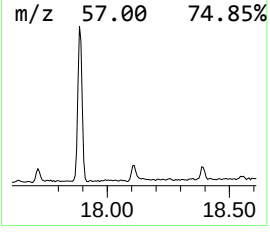












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Data File : BP008183.D
Acq On : 01 Dec 2021 21:00
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Sample : M4865-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-113021

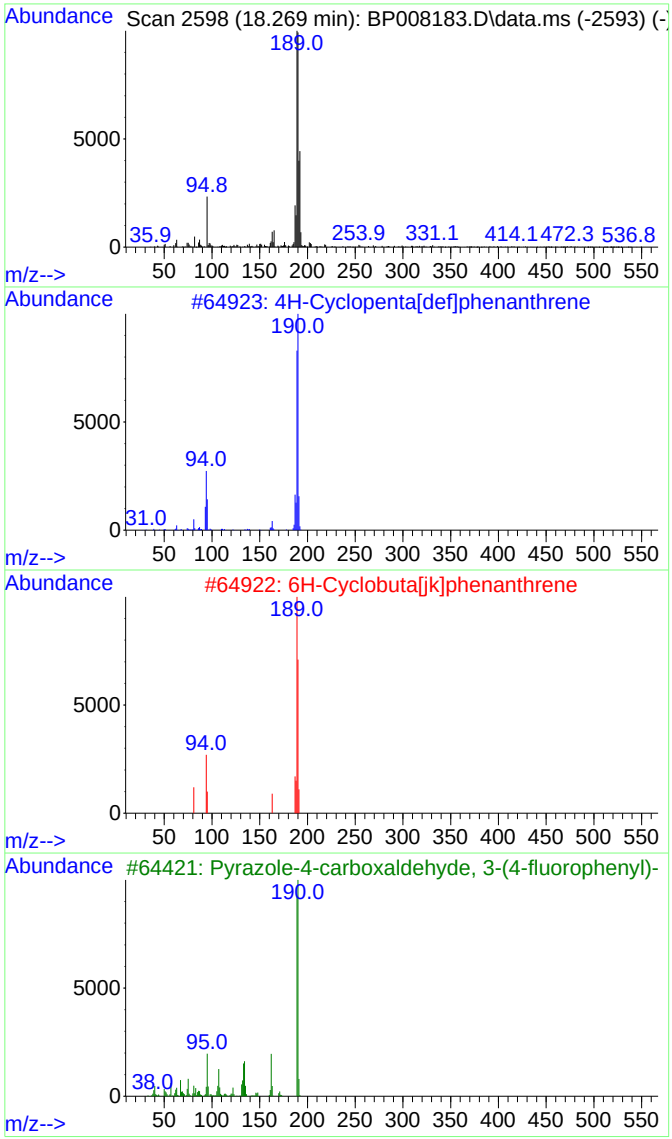
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

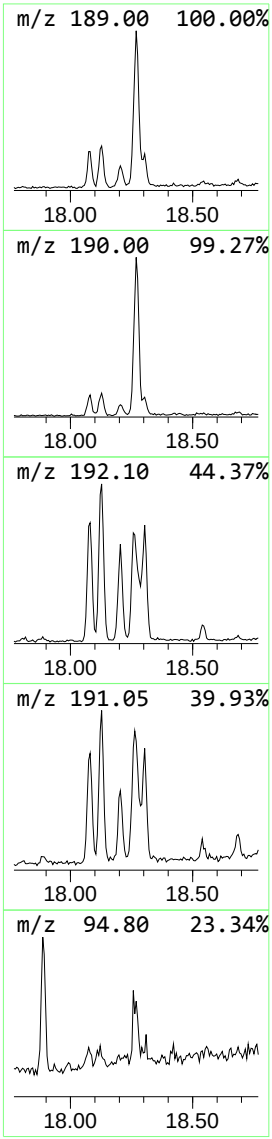
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	4.47 ng	236314	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40





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TIC Library : C:\Database\NIST20.L
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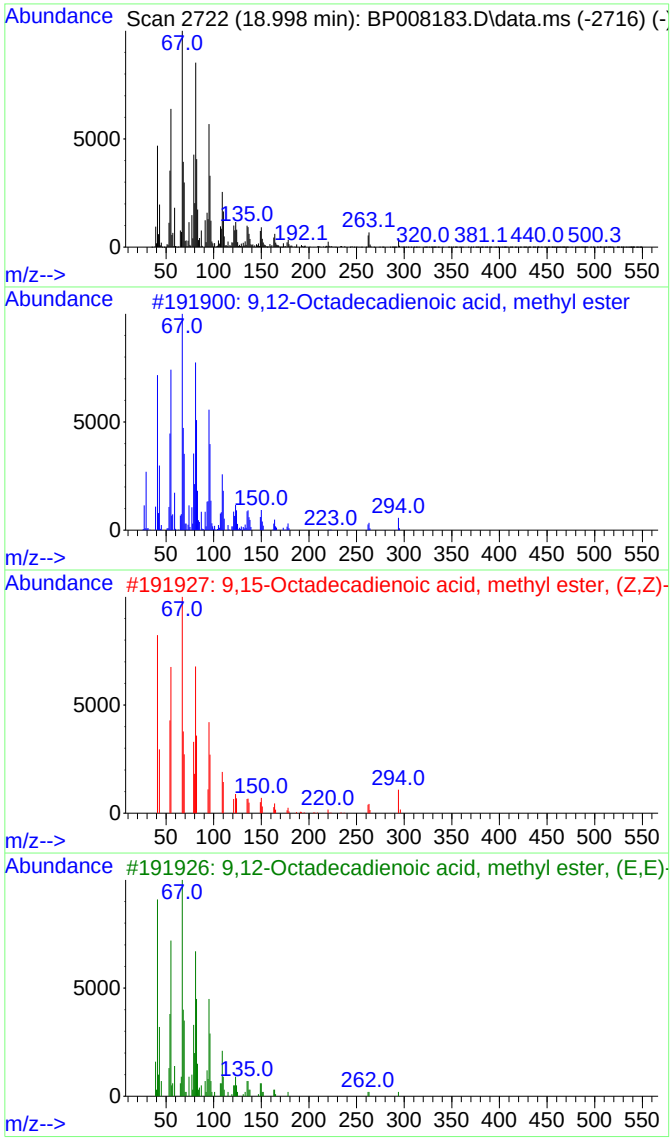
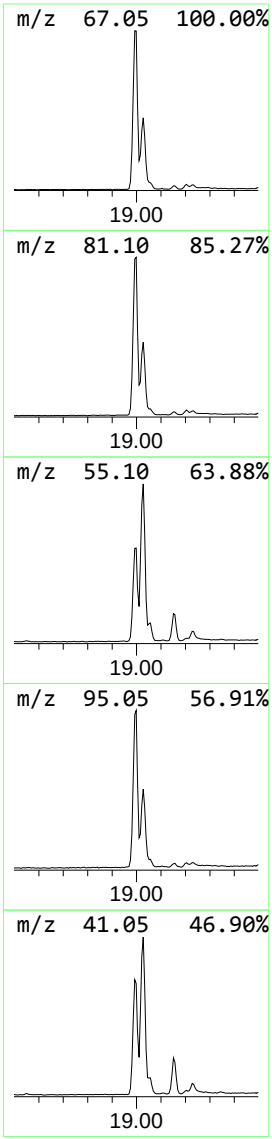
****
Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	101.69 ng	5373100	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	96





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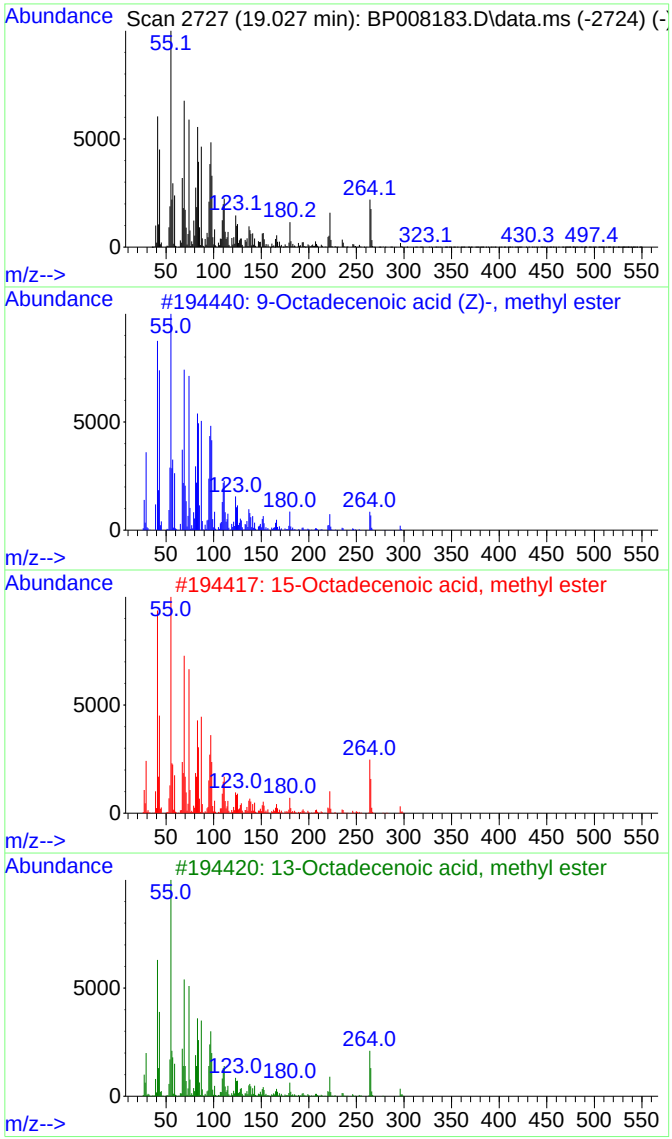
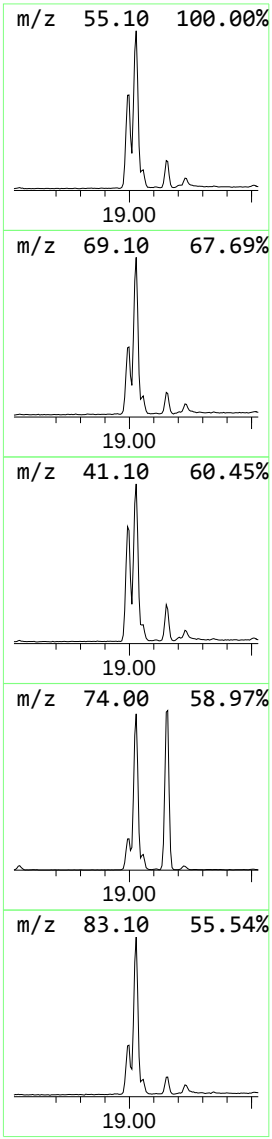
****
Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.028	123.85 ng	6543910	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





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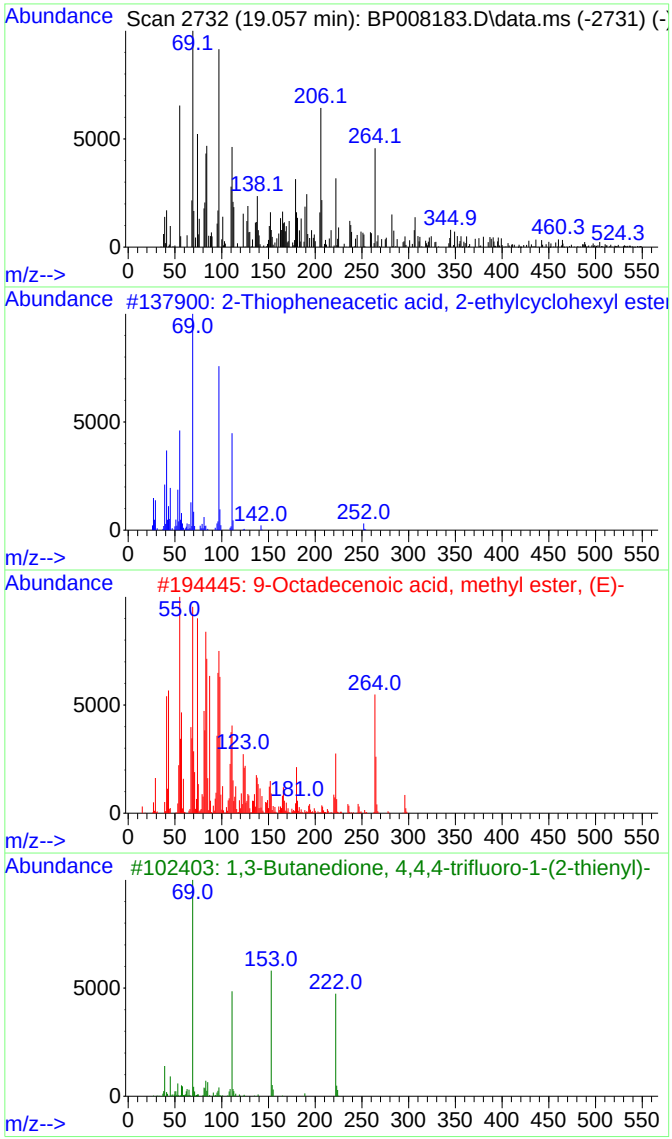
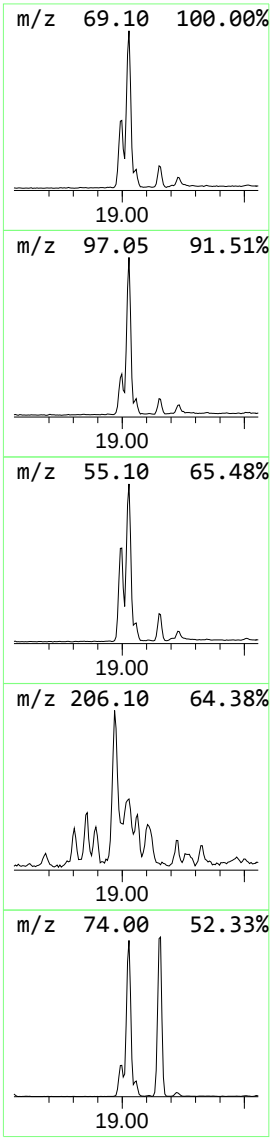
****

Peak Number 6 unknown19.057 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	5.92 ng	312785	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	43
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	38
3	1,3-Butanedione, 4,4,4-trifluoro...	222	C8H5F3O2S	000326-91-0	30
4	3-Propylglutaric acid, monomethy...	188	C9H16O4	1000254-25-9	25
5	Pentadecanenitrile, 15-bromo-	301	C15H28BrN	1000163-84-3	25





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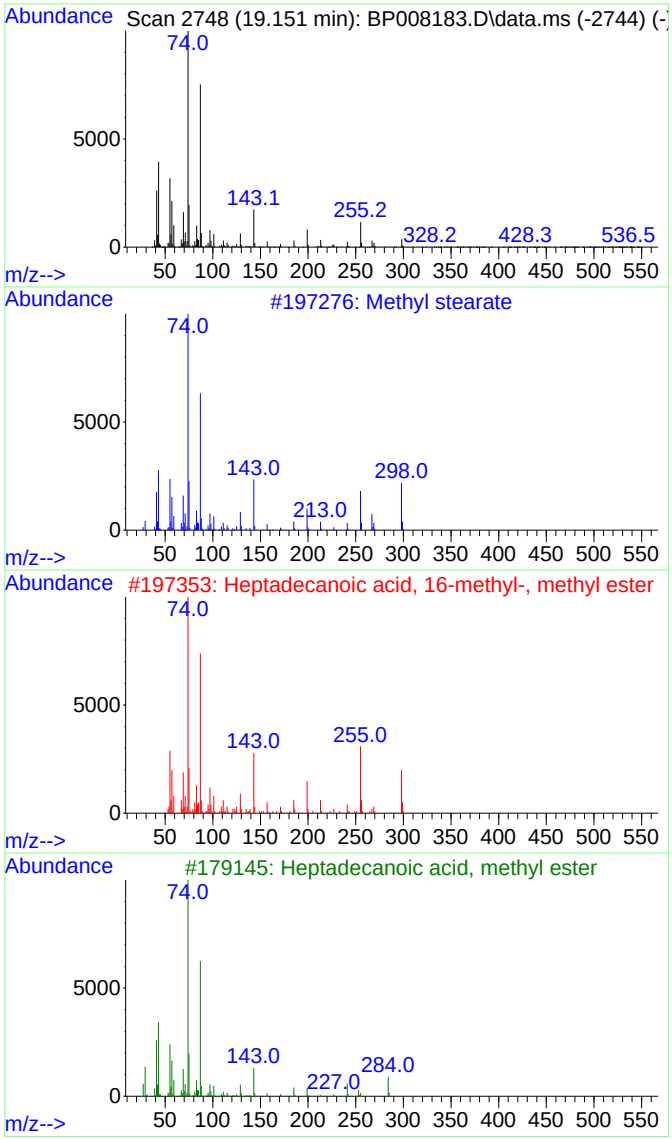
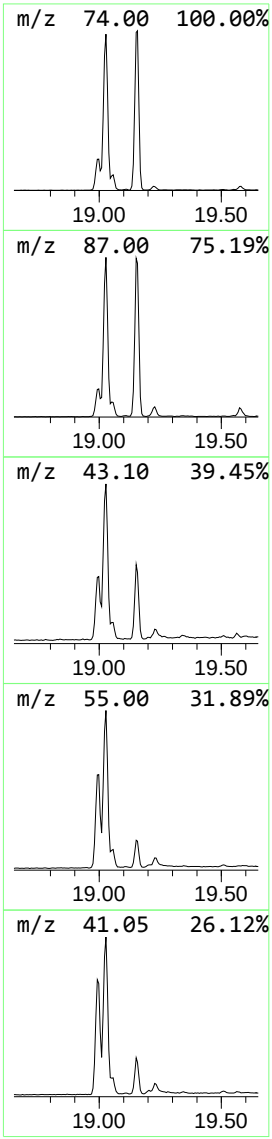
****

Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	26.63 ng	1406810	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





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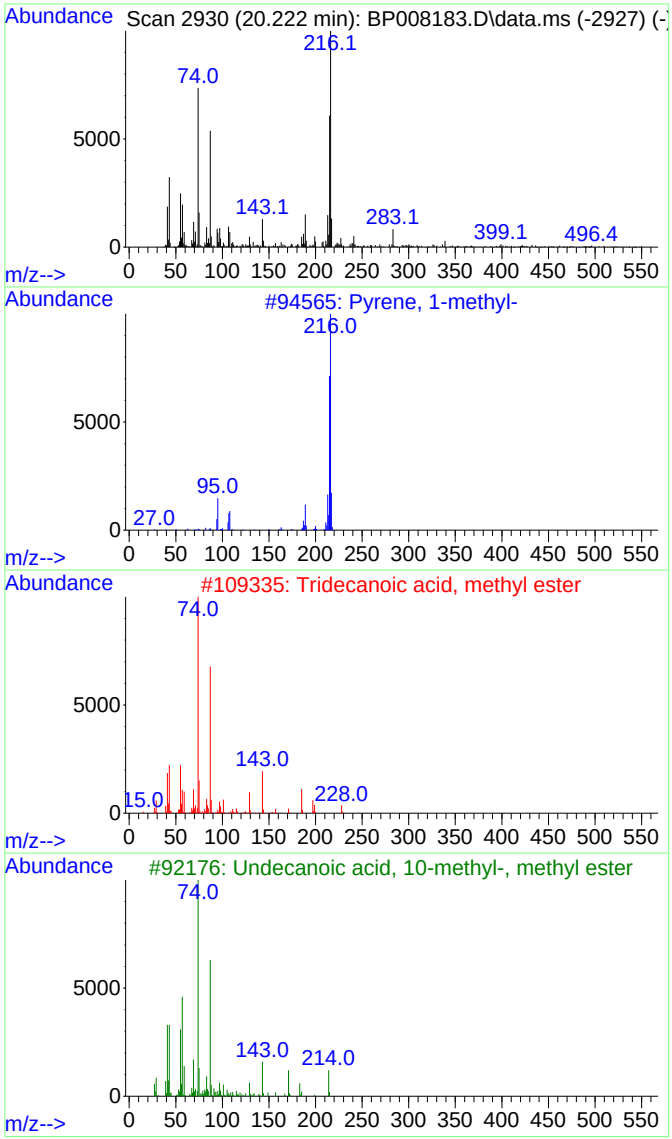
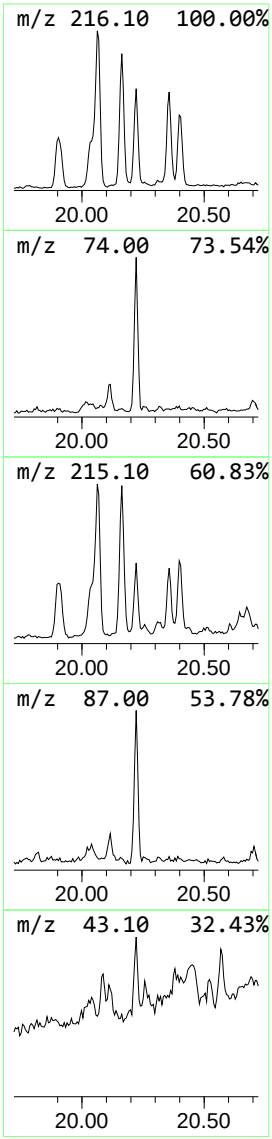
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.221	2.27 ng	221165	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	66
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	46
3	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	46
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	46
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120121\
Data File : BP008183.D
Acq On : 01 Dec 2021 21:00
Operator : CG/JU
Sample : M4865-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-113021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

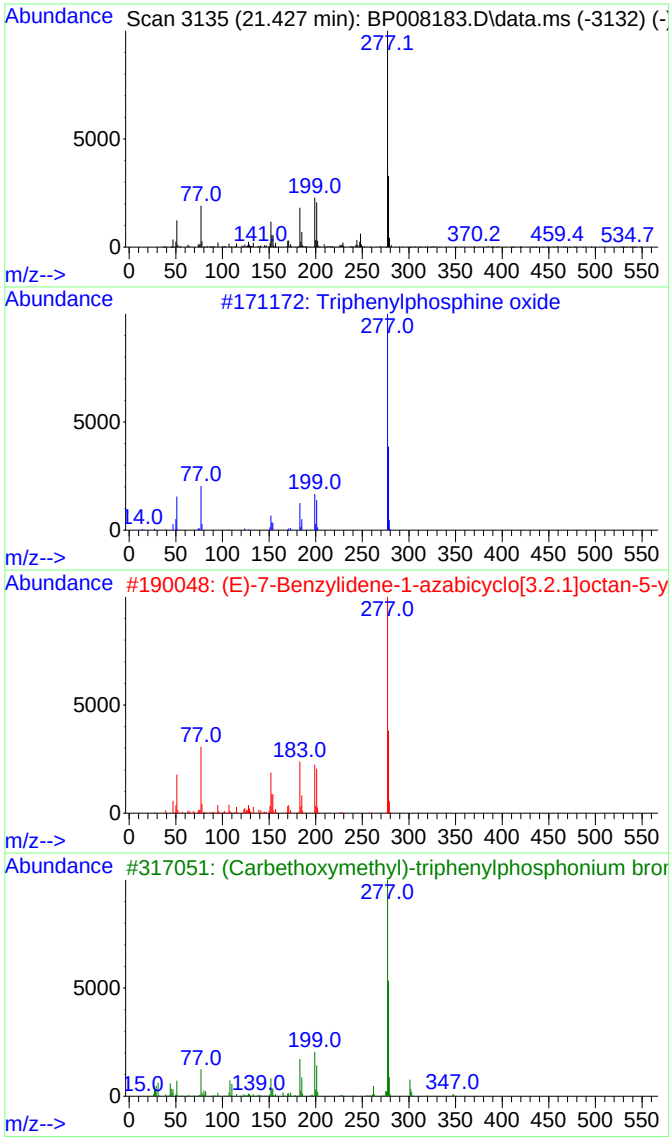
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

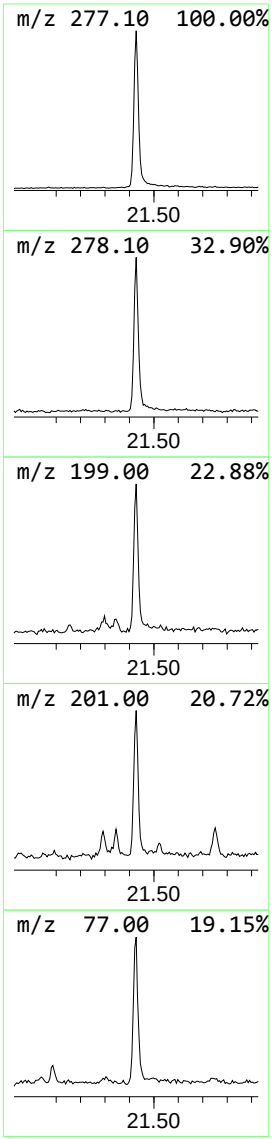
****

Peak Number 9 Triphenylphosphine oxide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.427	3.92 ng	382525	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	43
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	42
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	40
5	1-Methyl-8-piperidinophenazine	277	C18H19N3	021942-85-8	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120121\
Data File : BP008183.D
Acq On : 01 Dec 2021 21:00
Operator : CG/JU
Sample : M4865-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-113021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	17.886	54.0	ng	2854460	4	17.204	1056730	20.0
Tetradecanoic acid	18.110	5.3	ng	279383	4	17.204	1056730	20.0
4H-Cyclopenta[d...	18.269	4.5	ng	236314	4	17.204	1056730	20.0
9,12-Octadecadi...	18.998	101.7	ng	5373100	4	17.204	1056730	20.0
9-Octadecenoic ...	19.028	123.8	ng	6543910	4	17.204	1056730	20.0
unknown19.057	19.057	5.9	ng	312785	4	17.204	1056730	20.0
Methyl stearate	19.151	26.6	ng	1406810	4	17.204	1056730	20.0
Pyrene, 1-methyl-	20.221	2.3	ng	221165	5	21.310	1951230	20.0
Triphenylphosph...	21.427	3.9	ng	382525	5	21.310	1951230	20.0