LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010600.D
Acq On : 28 May 2022 15:09
Operator : CG/JU
Sample : N3087-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

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-BP052822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP010600.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.446	394	401	413	rBV	1105738	1700396	12.62%	3.071%
2	7.034	663	671	688	rBV	607641	1054400	7.82%	1.904%
3	7.863	805	812	820	rBV	521006	878560	6.52%	1.587%
4	9.028	1001	1010	1028	rBV	1876278	3249097	24.11%	5.867%
5	10.663	1280	1288	1297	rBV	680279	1208210	8.97%	2.182%
6	13.122	1699	1706	1723	rBV	4550366	6783437	50.34%	12.250%
7	14.498	1933	1940	1958	rBV	1090228	1676321	12.44%	3.027%
8	15.357	2074	2086	2091	rBV	102322	157545	1.17%	0.285%
9	15.992	2187	2194	2210	rBV	3840595	5527439	41.02%	9.982%
10	16.222	2229	2233	2236	rBV	158233	215711	1.60%	0.390%
11	17.016	2364	2368	2374	rBV	153308	210809	1.56%	0.381%
12	17.251	2403	2408	2416	rBV	1338977	1977101	14.67%	3.570%
13	17.757	2491	2494	2501	rBV	151070	183158	1.36%	0.331%
14	18.145	2556	2560	2566	rBV2	129068	218532	1.62%	0.395%
15	18.428	2605	2608	2612	rBV	142444	161144	1.20%	0.291%
16	19.039	2708	2712	2716	rBV	131273	150446	1.12%	0.272%
17	19.375	2766	2769	2779	rVB3	82397	142618	1.06%	0.258%
18	19.816	2838	2844	2853	rVB	8754468	10774352	79.95%	19.457%
19	21.339	3097	3103	3107	rBV	1900517	2455288	18.22%	4.434%
20	21.457	3117	3123	3146	rBV	9155495	13476271	100.00%	24.336%
21	23.016	3383	3388	3393	rBV2	186570	341819	2.54%	0.617%
22	23.645	3491	3495	3503	rVB2	163843	297392	2.21%	0.537%
23	23.751	3506	3513	3522	rVB2	1219065	2534922	18.81%	4.578%

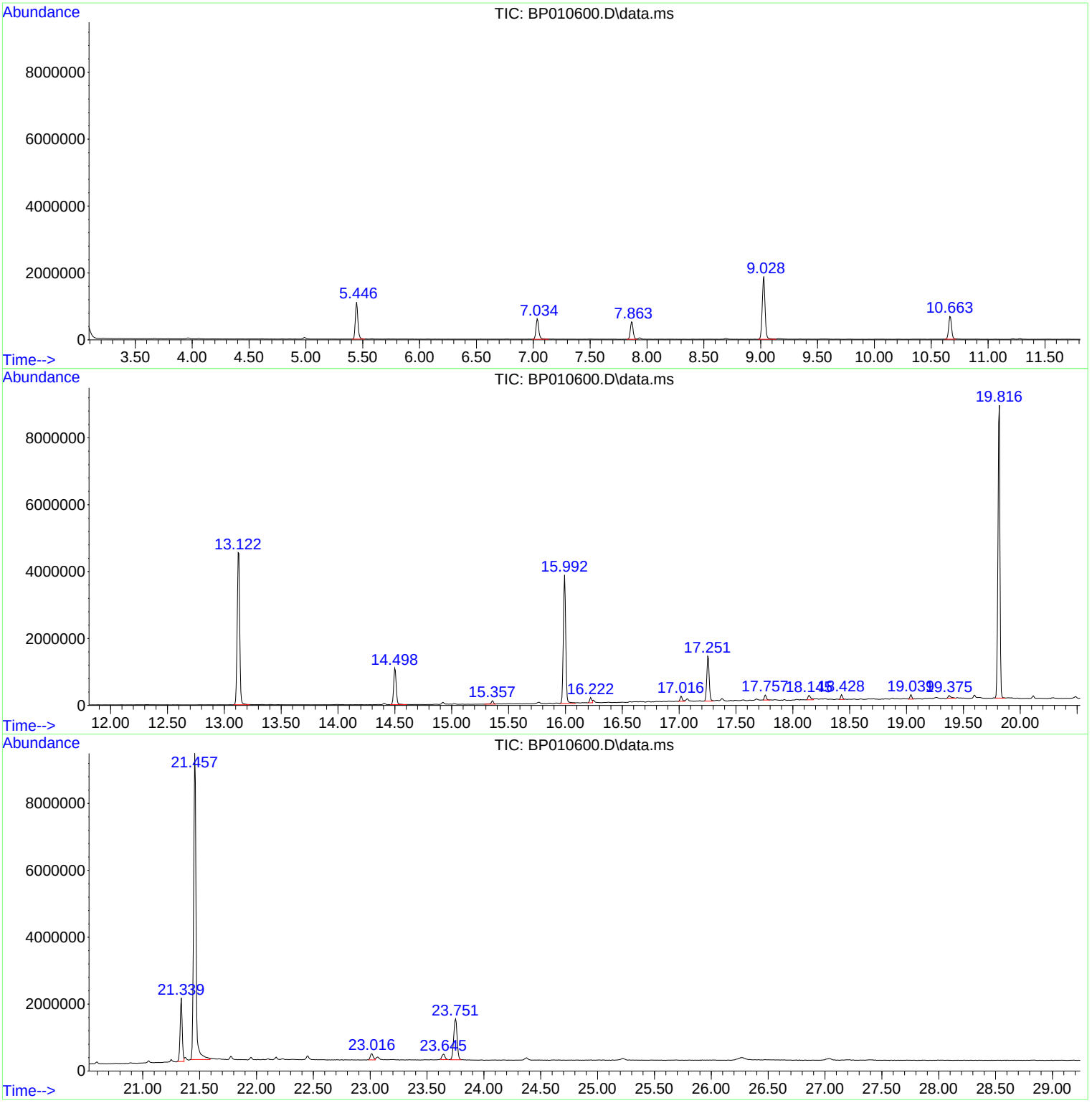
Sum of corrected areas: 55374968

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010600.D
Acq On : 28 May 2022 15:09
Operator : CG/JU
Sample : N3087-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010600.D
Acq On : 28 May 2022 15:09
Operator : CG/JU
Sample : N3087-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

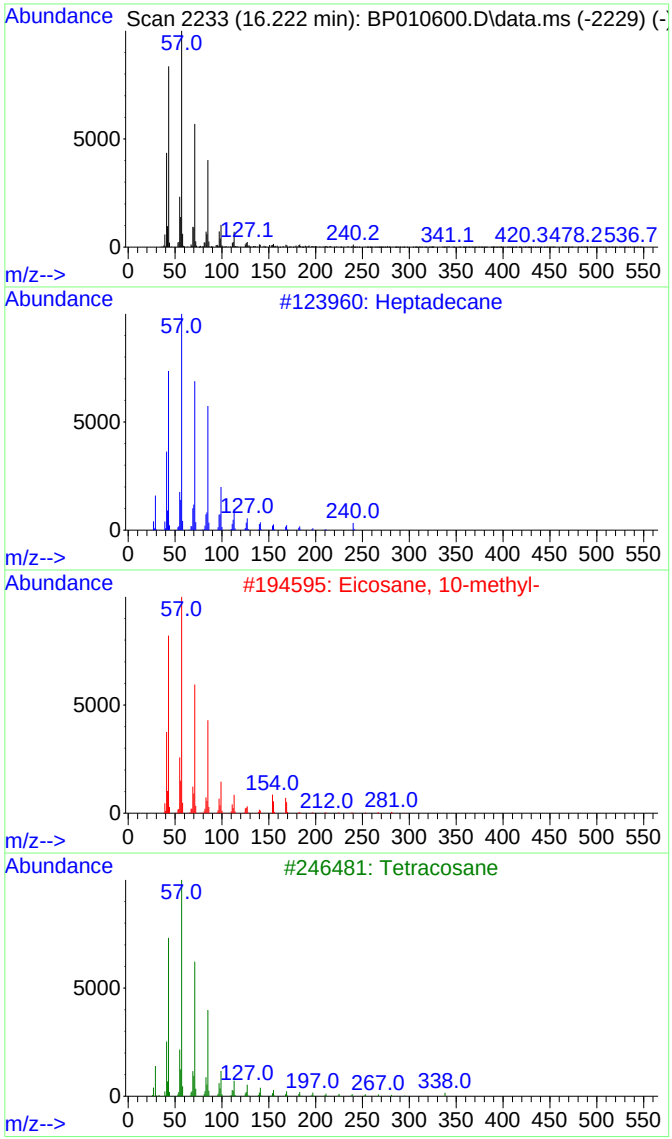
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

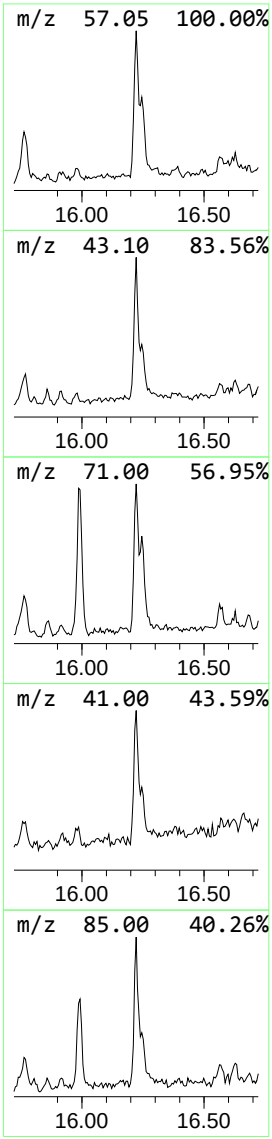
****

Peak Number 1 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.222	2.18 ng	215711	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Eicosane	282	C20H42	000112-95-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010600.D
Acq On : 28 May 2022 15:09
Operator : CG/JU
Sample : N3087-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

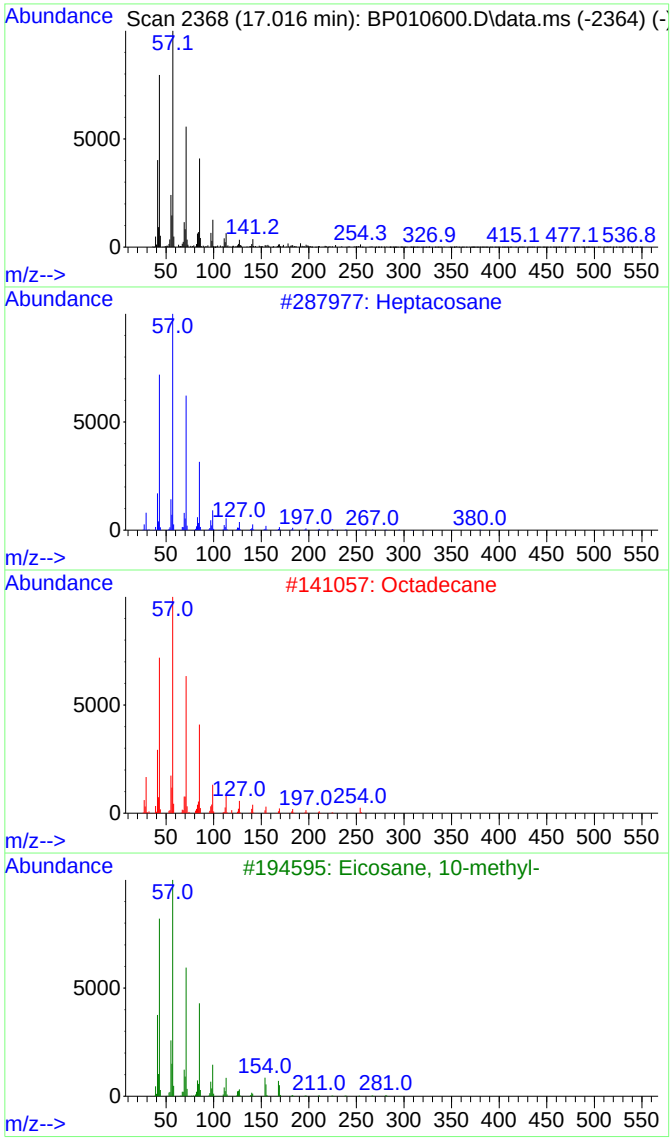
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

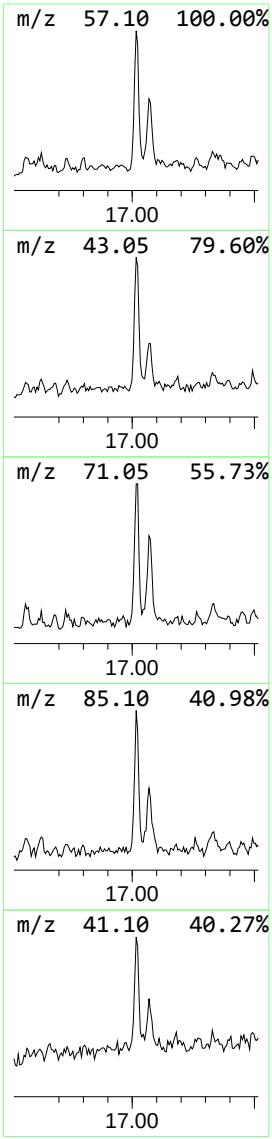
****

Peak Number 2 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.016	2.13 ng	210809	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010600.D
Acq On : 28 May 2022 15:09
Operator : CG/JU
Sample : N3087-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

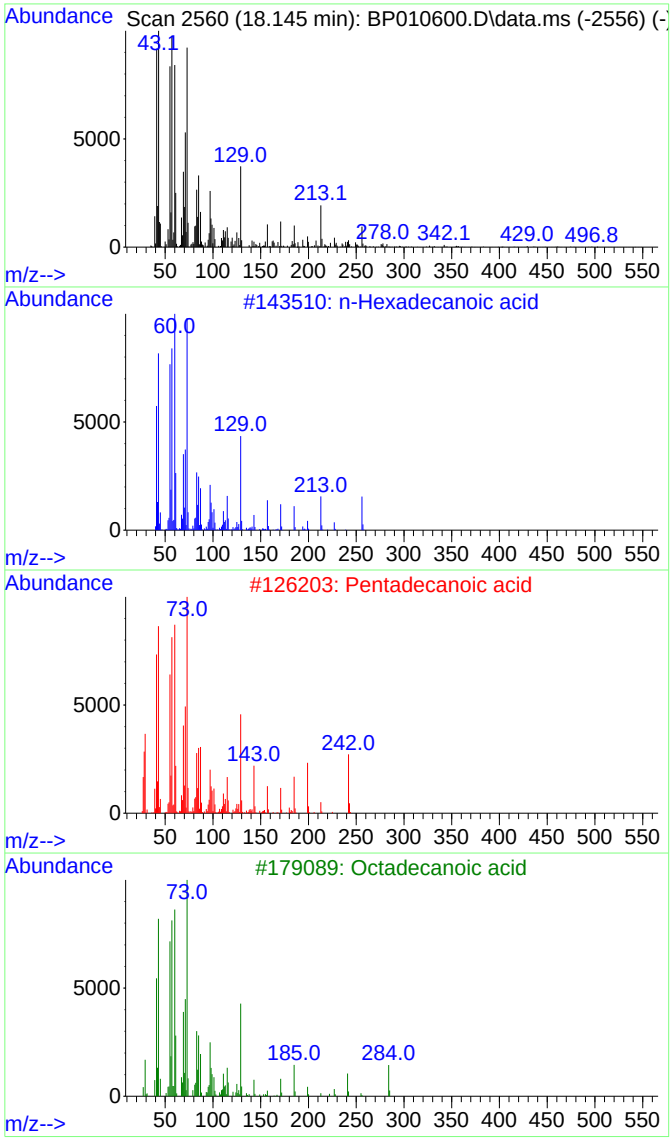
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

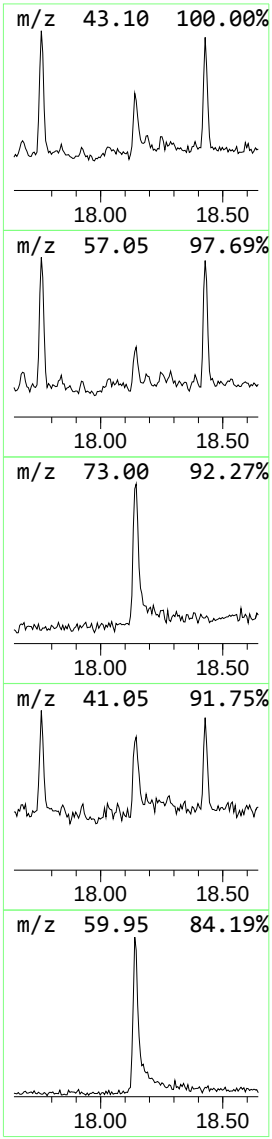
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	2.21 ng	218532	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010600.D
Acq On : 28 May 2022 15:09
Operator : CG/JU
Sample : N3087-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

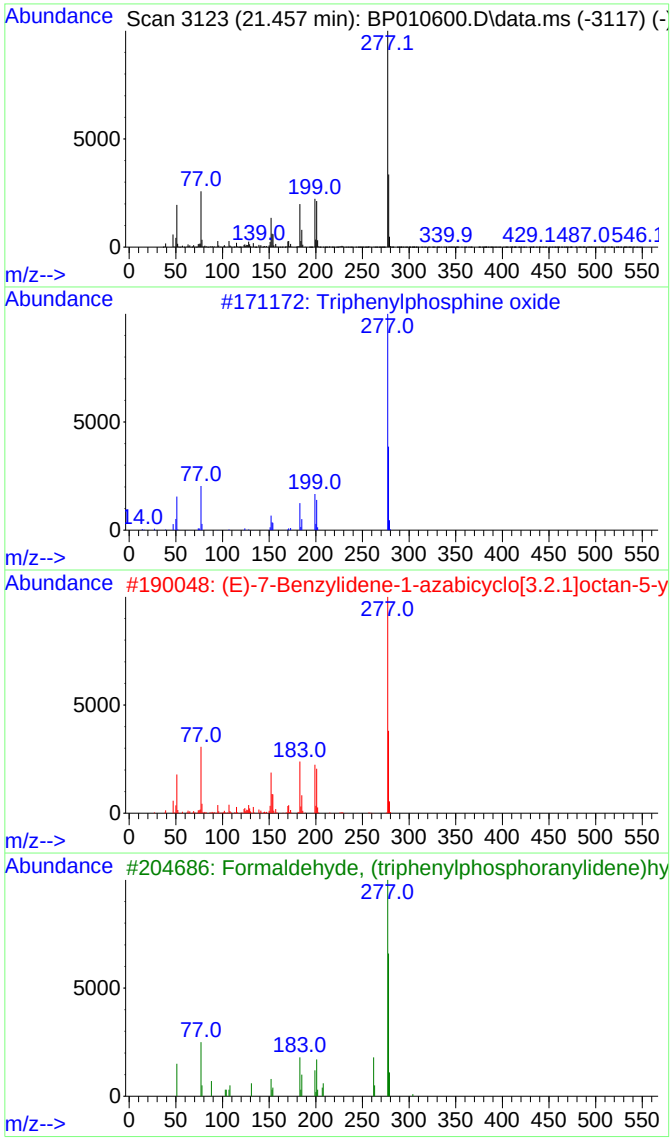
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

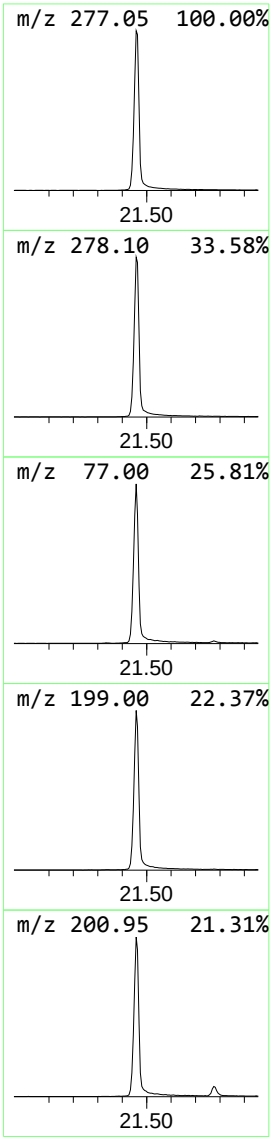
****

Peak Number 4 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.457	109.77 ng	13476300	Chrysene-d12	21.339

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	90
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	23
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010600.D
Acq On : 28 May 2022 15:09
Operator : CG/JU
Sample : N3087-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

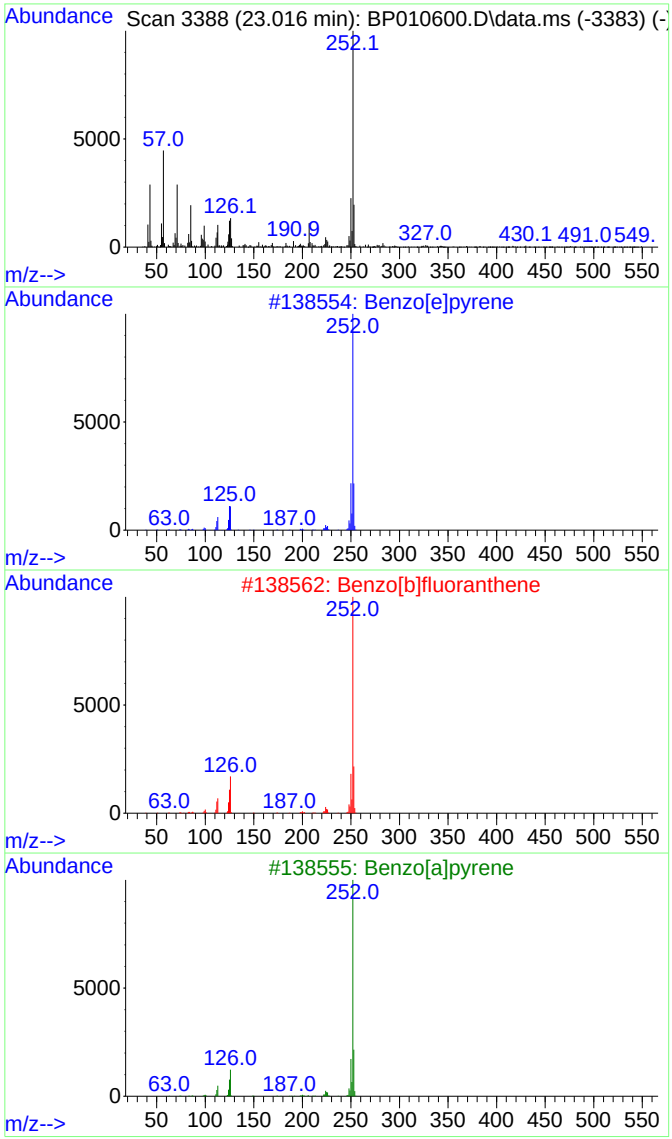
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

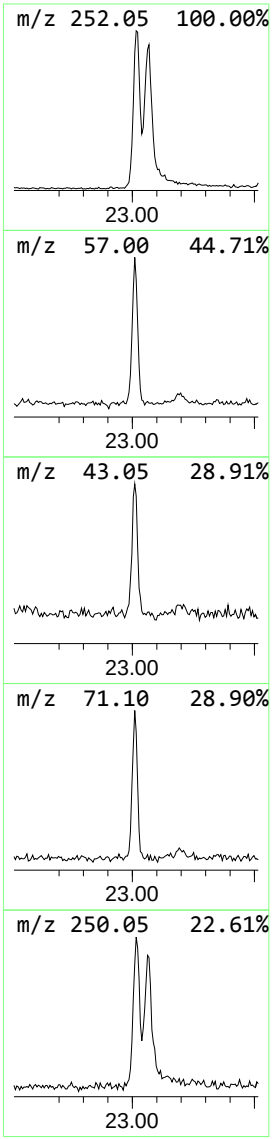
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.015	2.70 ng	341819	Perylene-d12	23.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	83
5	Perylene	252	C20H12	000198-55-0	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010600.D
Acq On : 28 May 2022 15:09
Operator : CG/JU
Sample : N3087-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.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
Heptadecane	16.222	2.2	ng	215711	4	17.251	1977100	20.0
Heptacosane	17.016	2.1	ng	210809	4	17.251	1977100	20.0
n-Hexadecanoic ...	18.145	2.2	ng	218532	4	17.251	1977100	20.0
Triphenylphosph...	21.457	109.8	ng	13476300	5	21.339	2455290	20.0
Benzo[e]pyrene	23.015	2.7	ng	341819	6	23.751	2534920	20.0