LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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: BP009412.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	9	12	26	rVB	175563	325691	3.40%	0.305%
2	5.422	406	414	431	rBV	1585302	2712800	28.31%	2.539%
3	7.005	672	683	695	rBV	1399986	2740778	28.60%	2.565%
4	7.810	813	820	831	rBV	1035719	1778248	18.56%	1.664%
5	8.963	1009	1016	1030	rBV	950843	1795240	18.73%	1.680%
6	10.604	1288	1295	1310	rBV	1340512	2535585	26.46%	2.373%
7	11.434	1431	1436	1447	rBV3	37441	101738	1.06%	0.095%
8	12.393	1592	1599	1606	rBV	57850	156293	1.63%	0.146%
9	13.075	1708	1715	1726	rBV	2939955	4657089	48.59%	4.359%
10	14.175	1896	1902	1917	rVB	563543	1007350	10.51%	0.943%
11	14.451	1942	1949	1956	rBV	2145684	3533595	36.87%	3.307%
12	14.516	1956	1960	1969	rVB	105755	203732	2.13%	0.191%
13	15.504	2124	2128	2139	rVB	119229	229205	2.39%	0.215%
14	15.804	2175	2179	2191	rVB4	51133	145721	1.52%	0.136%
15	15.951	2198	2204	2213	rBV	2526955	3964771	41.37%	3.711%
16	16.186	2240	2244	2253	rVB2	101523	182661	1.91%	0.171%
17	16.628	2315	2319	2324	rBV4	120856	206993	2.16%	0.194%
18	16.869	2356	2360	2368	rVB	138729	234718	2.45%	0.220%
19	17.033	2385	2388	2396	rVB	111771	198653	2.07%	0.186%
20	17.216	2413	2419	2423	rBV	2749238	4361624	45.51%	4.082%
21	17.257	2423	2426	2433	rVV	2113735	3066562	32.00%	2.870%
22	17.351	2437	2442	2447	rVV	763341	1195756	12.48%	1.119%
23	17.404	2448	2451	2461	rVB3	93477	183827	1.92%	0.172%
24	17.628	2485	2489	2493	rVB	321800	440013	4.59%	0.412%
25	17.798	2515	2518	2526	rBV4	116283	195387	2.04%	0.183%
26	18.092	2564	2568	2570	rBV	332675	431425	4.50%	0.404%
27	18.128	2570	2574	2581	rVB2	2080840	3060357	31.93%	2.864%
28	18.216	2586	2589	2593	rVB	189773	260368	2.72%	0.244%
29	18.275	2594	2599	2604	rBV2	571571	1167809	12.19%	1.093%
30	18.575	2647	2650	2653	rBV	267366	327363	3.42%	0.306%
31	18.610	2653	2656	2661	rVB	335157	455178	4.75%	0.426%
32	18.986	2716	2720	2724	rBV2	256786	423331	4.42%	0.396%
33	19.116	2738	2742	2749	rBV	450067	682751	7.12%	0.639%
34	19.239	2757	2763	2770	rBV	5570793	8134654	84.88%	7.614%
35	19.363	2780	2784	2792	rBV2	971685	1800397	18.79%	1.685%
36	19.592	2814	2823	2831	rBV	4636161	7658838	79.92%	7.169%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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

37	19.792	2852	2857	2861	rBV	5022440	6477587	67.59%	6.063%
38	20.198	2924	2926	2929	rBV	306594	341037	3.56%	0.319%
39	20.810	3027	3030	3034	rBV	715795	898018	9.37%	0.841%
40	21.051	3069	3071	3076	rVB2	672034	893756	9.33%	0.837%
41	21.104	3077	3080	3084	rBV	778917	1082306	11.29%	1.013%
42	21.245	3101	3104	3108	rVB	756553	809359	8.45%	0.758%
43	21.321	3111	3117	3121	rVV3	4718319	9583497	100.00%	8.970%
44	21.363	3121	3124	3132	rVB	2699868	3925351	40.96%	3.674%
45	21.451	3134	3139	3143	rBV	2377146	3550930	37.05%	3.324%
46	23.010	3398	3404	3410	rBV2	2536488	6770484	70.65%	6.337%
47	23.527	3488	3492	3502	rVB	1548202	3397008	35.45%	3.180%
48	23.633	3505	3510	3519	rVB	2054051	4463581	46.58%	4.178%
49	23.745	3523	3529	3534	rBV2	2040858	4090285	42.68%	3.828%

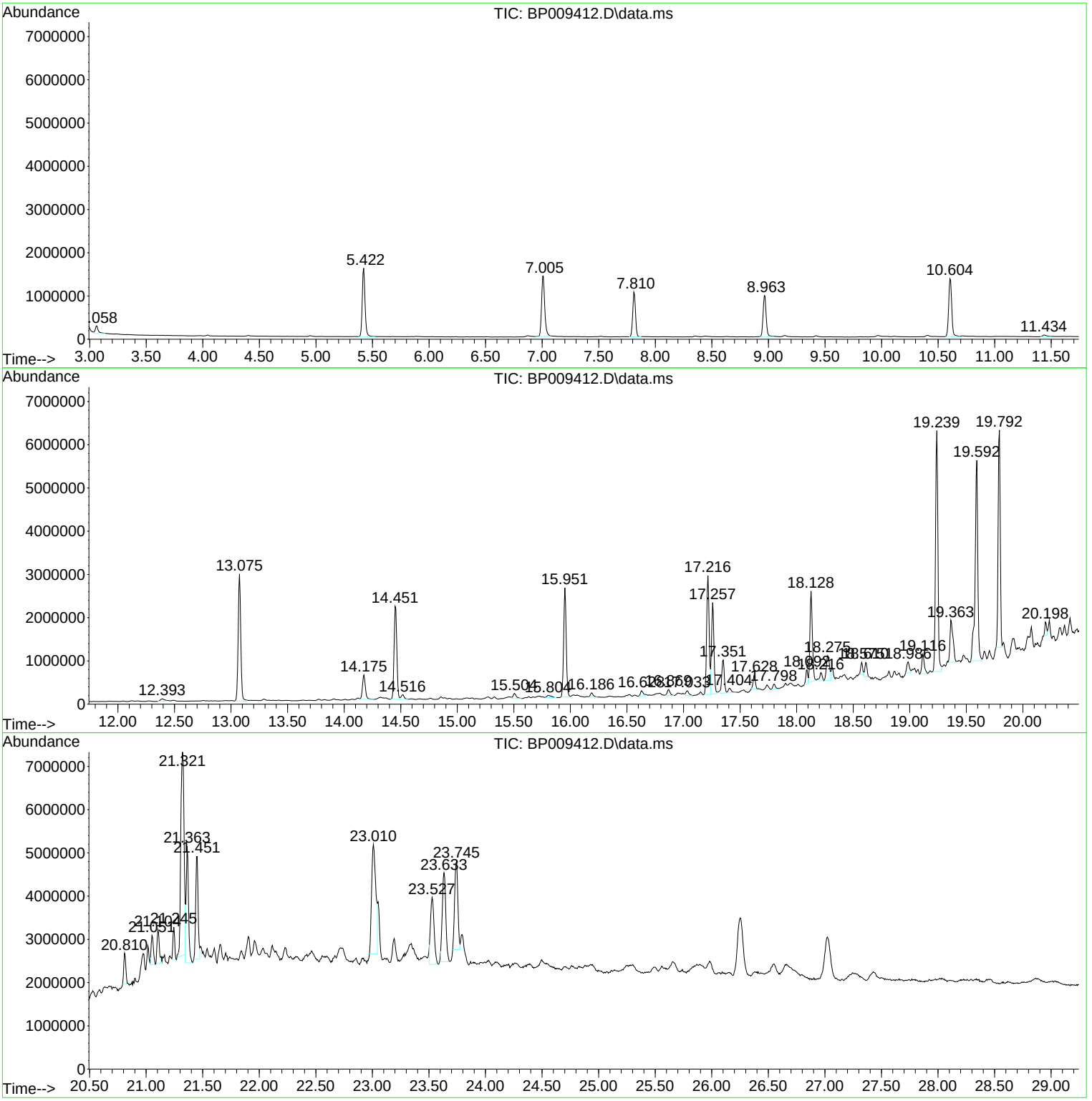
Sum of corrected areas: 106839700

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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

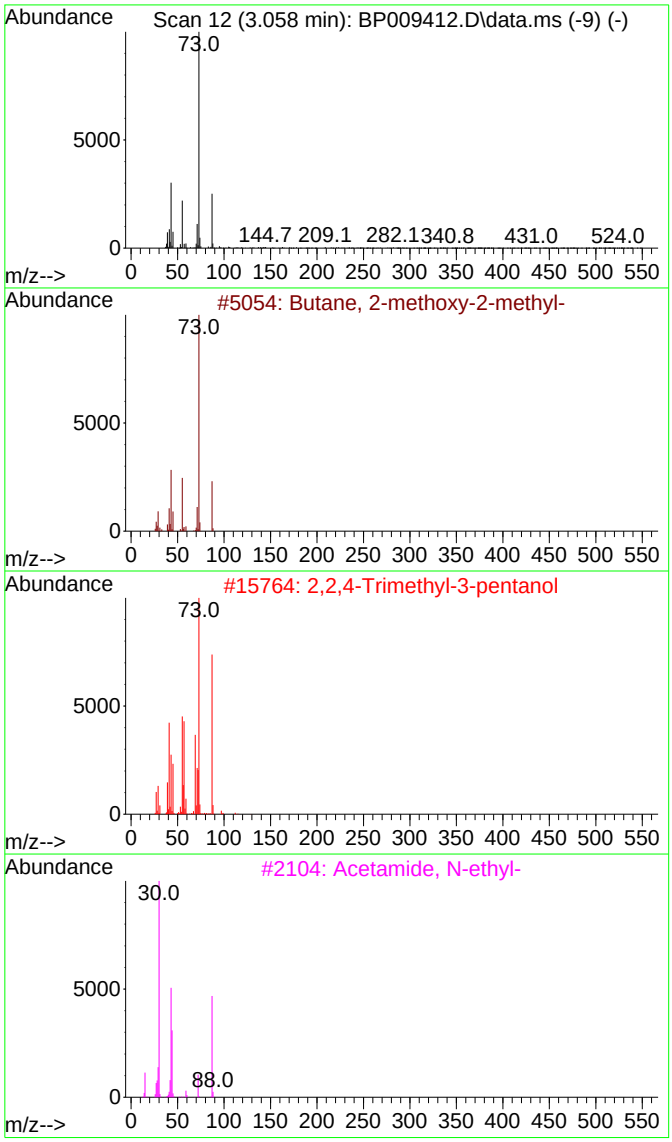
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

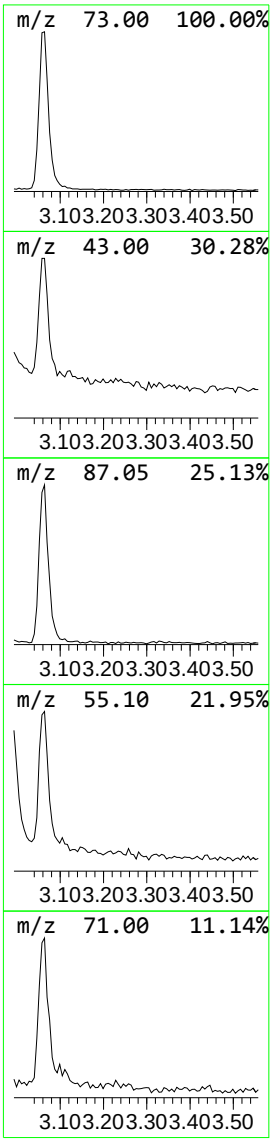
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.058	3.66 ng	325691	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	80
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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

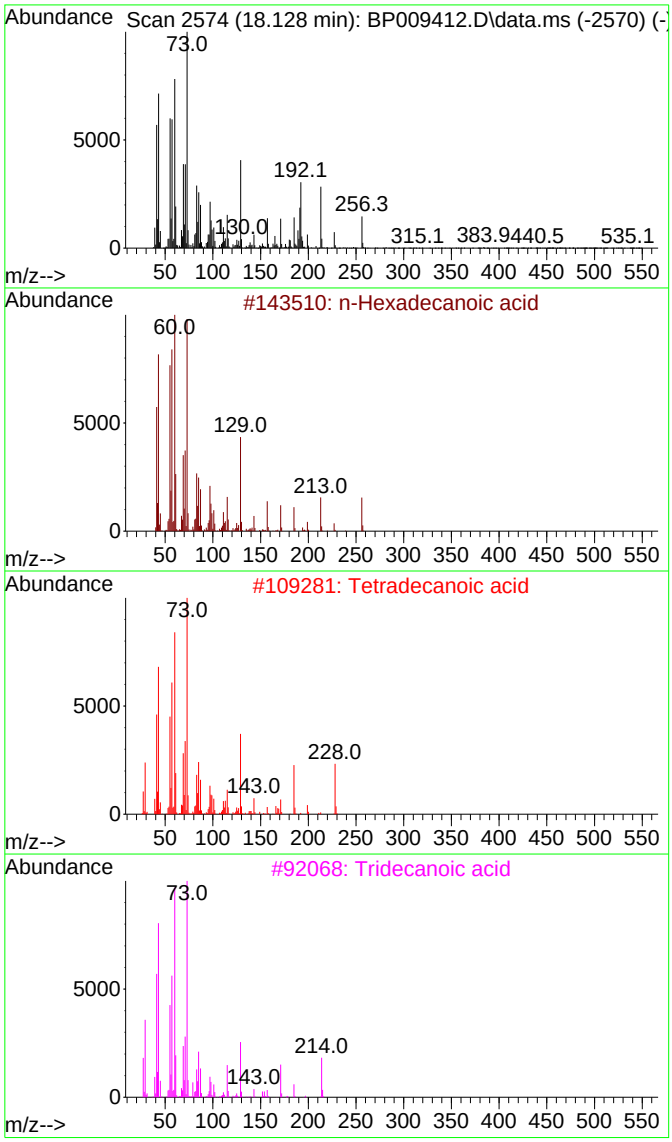
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

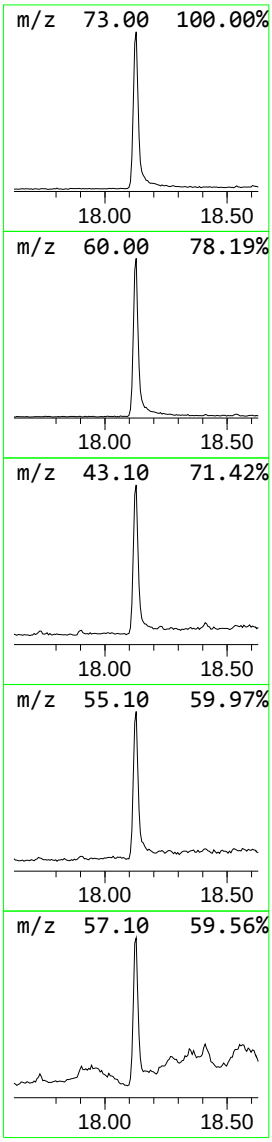
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	14.03 ng	3060360	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

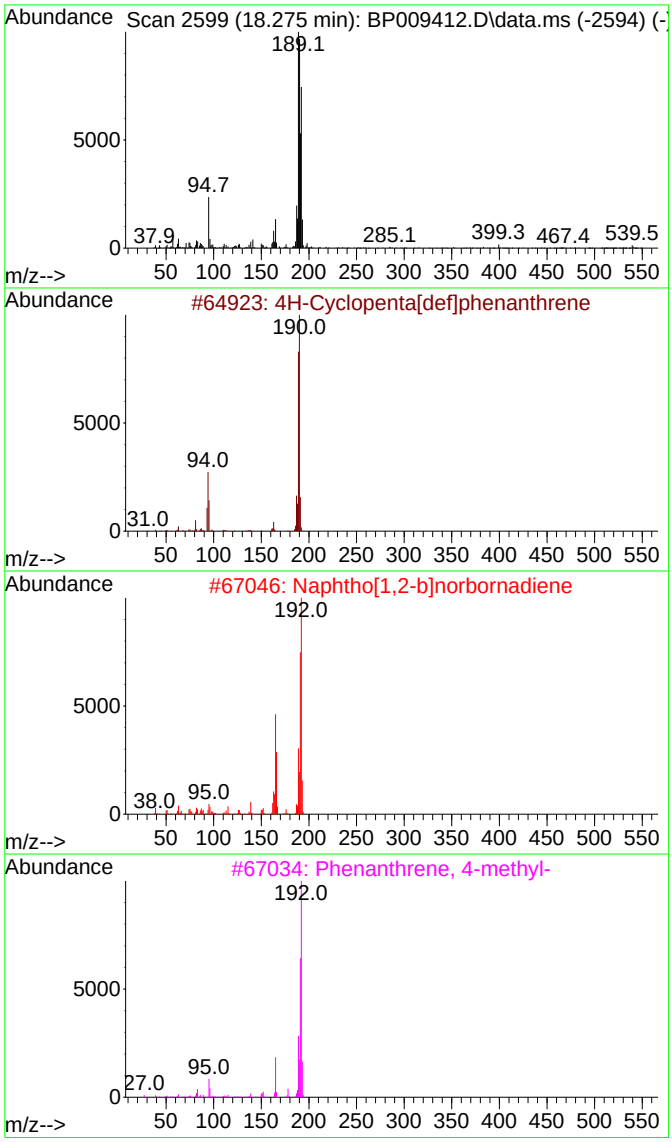
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

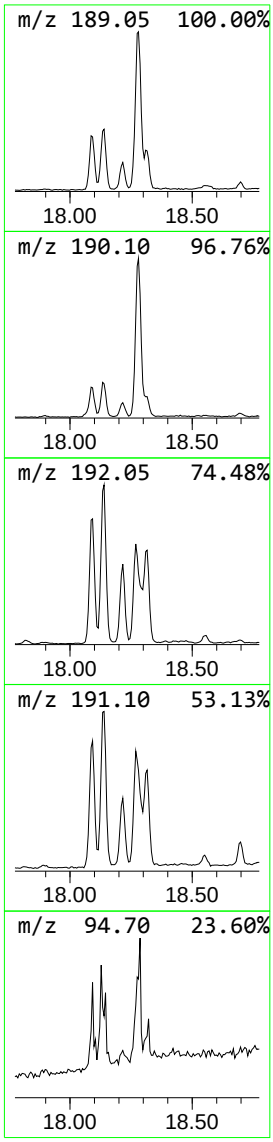
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	5.35 ng	1167810	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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

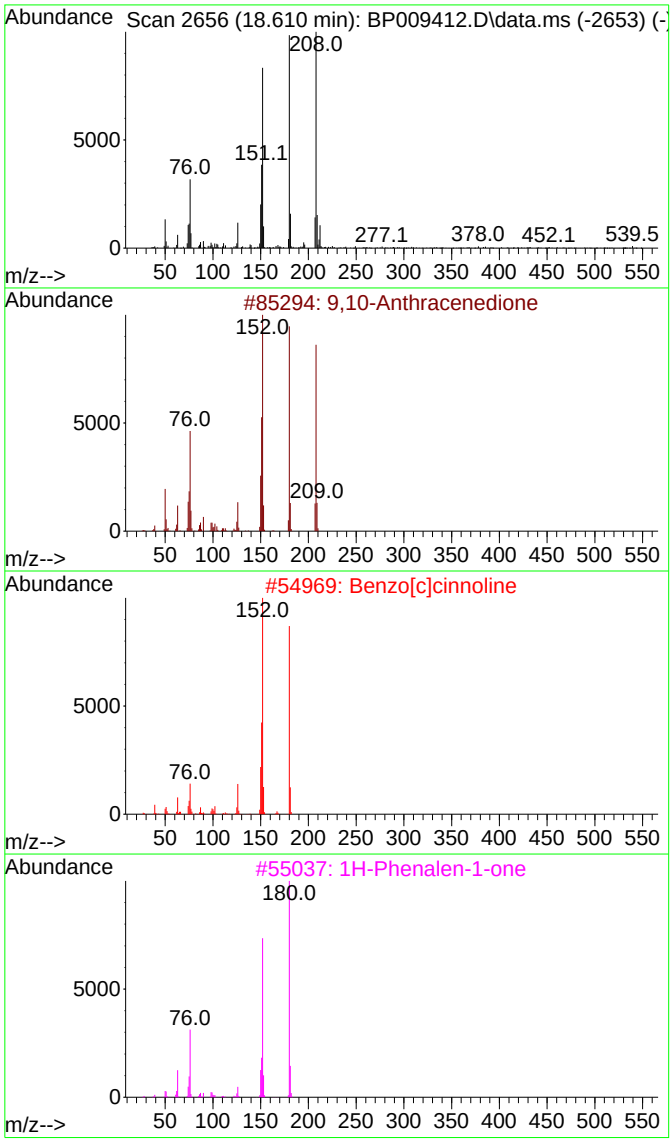
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

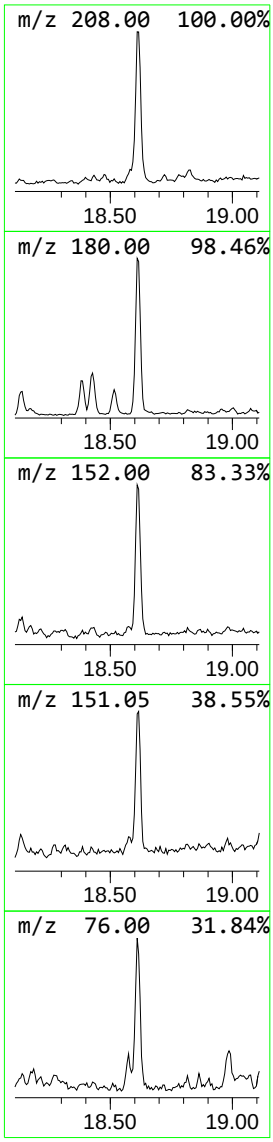
****

Peak Number 4 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	2.09 ng	455178	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	52
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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

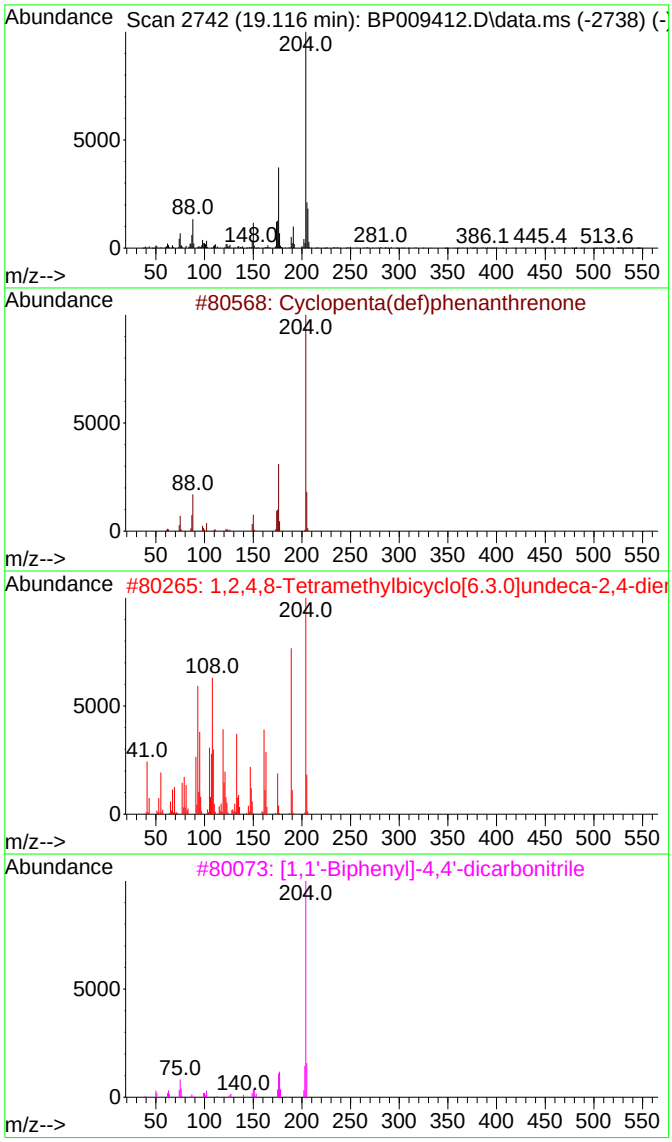
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

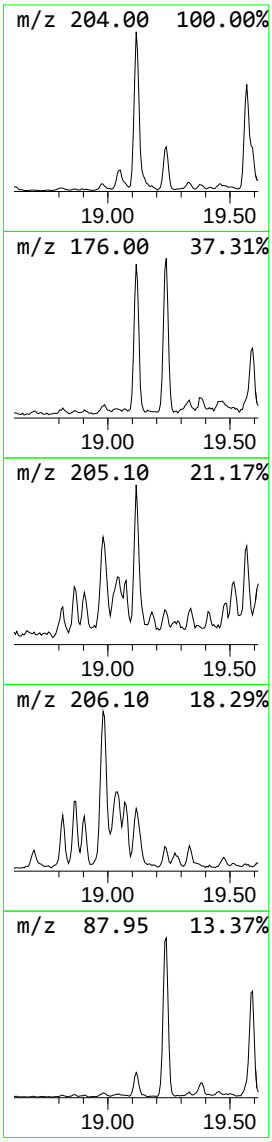
****

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	3.13 ng	682751	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	Sedoheptulose anhydride, tetraki...	480	C19H44O6Si4	122844-57-9	50
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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

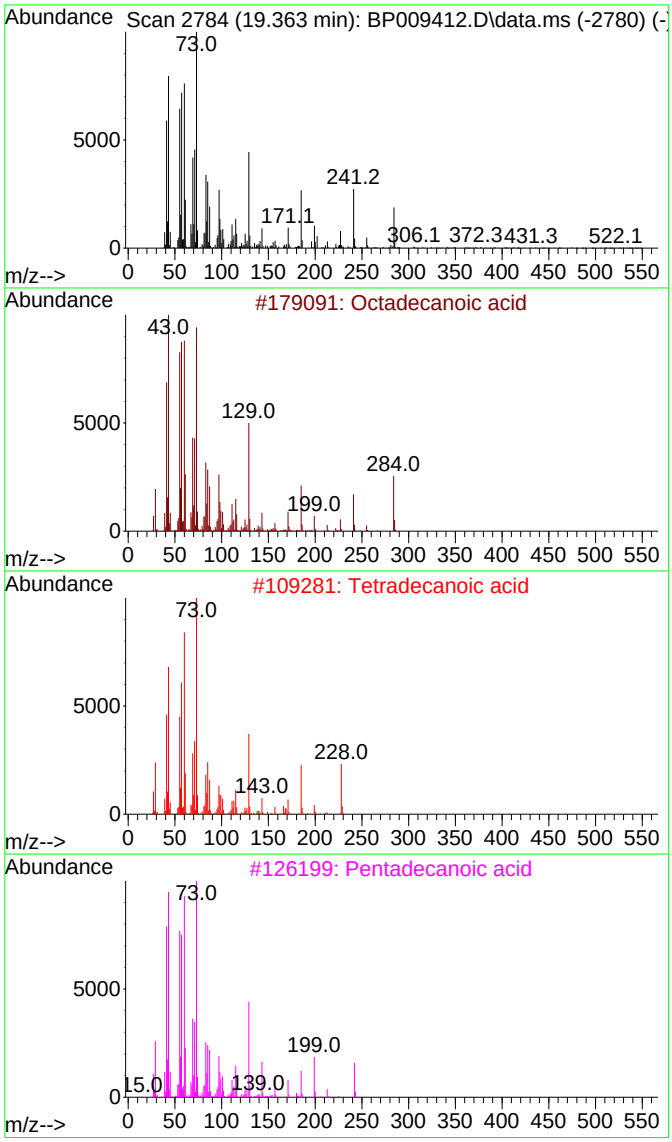
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

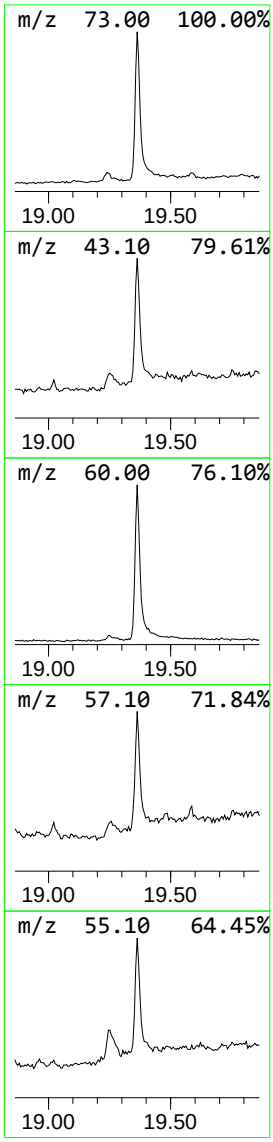
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	3.76 ng	1800400	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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

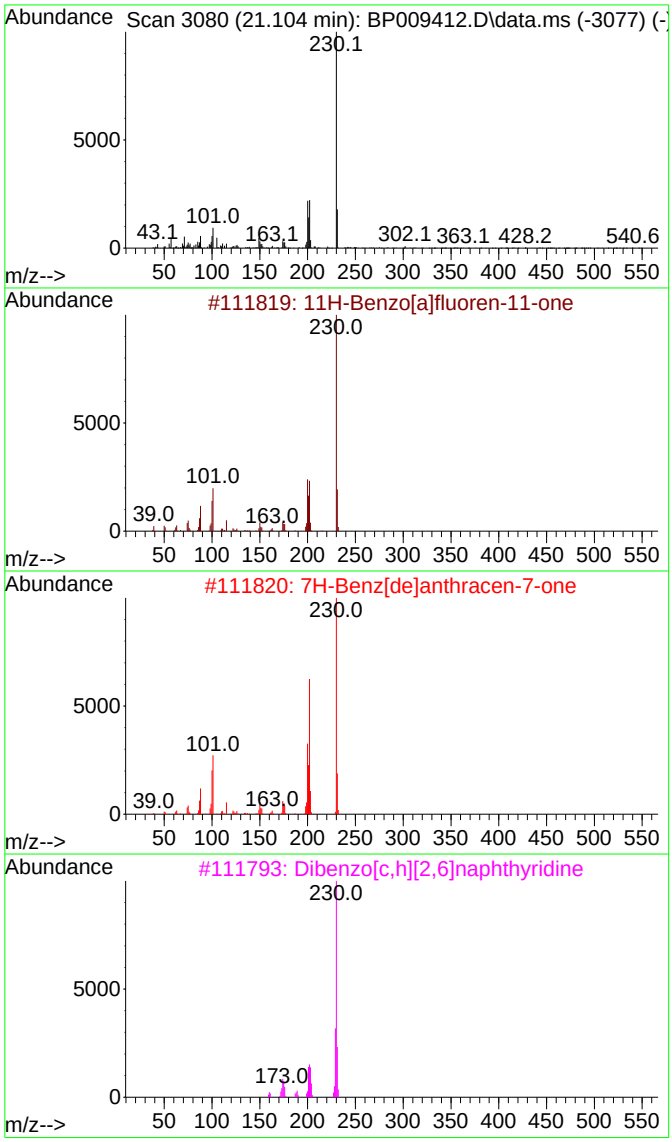
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

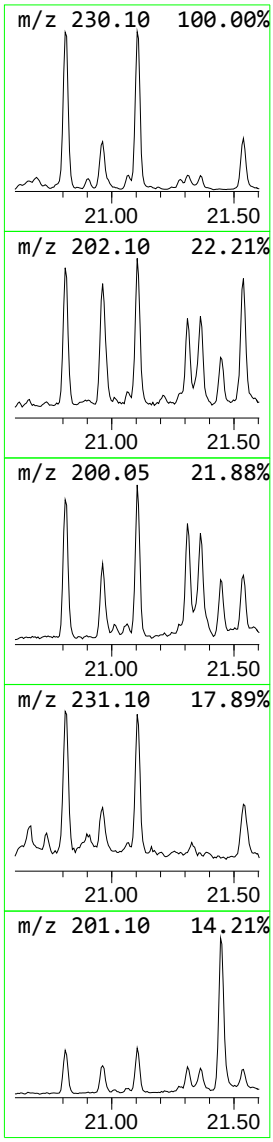
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	2.26 ng	1082310	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	53
4	5,6-Dihydrochrysene	230	C18H14	002091-92-1	53
5	Benzo(b)phenazine	230	C16H10N2	000257-97-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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

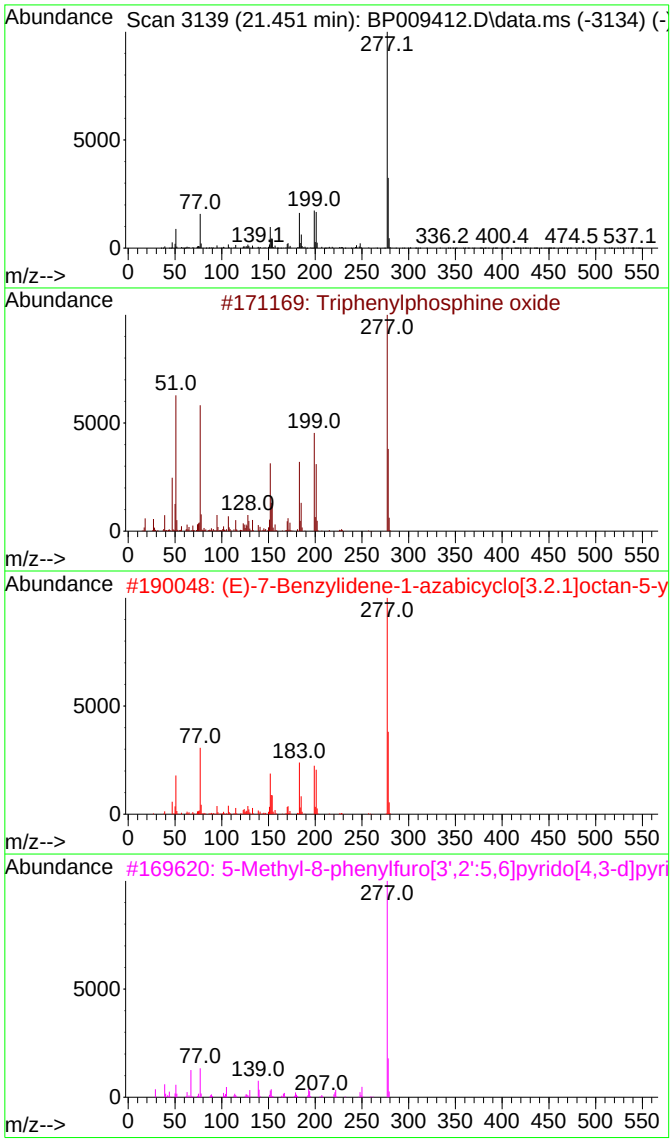
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

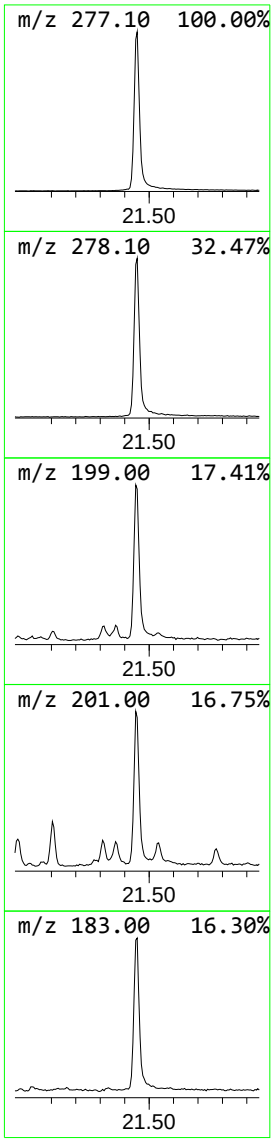
****

Peak Number 8 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.451	7.41 ng	3550930	Chrysene-d12	21.327

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	53
3	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	50
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	50
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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

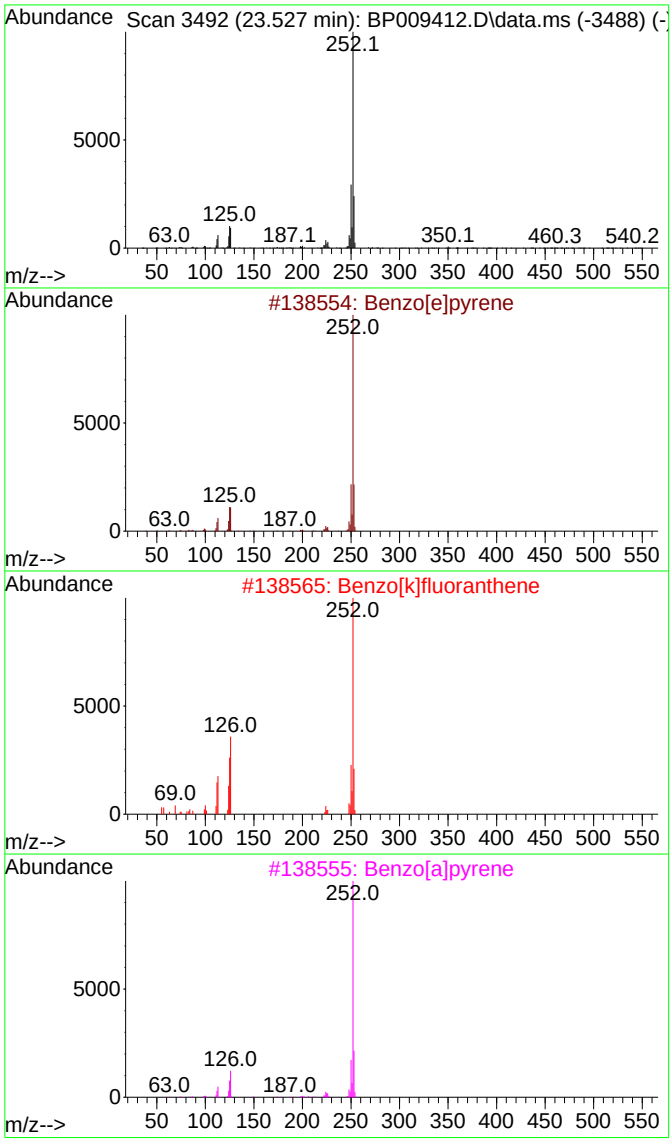
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

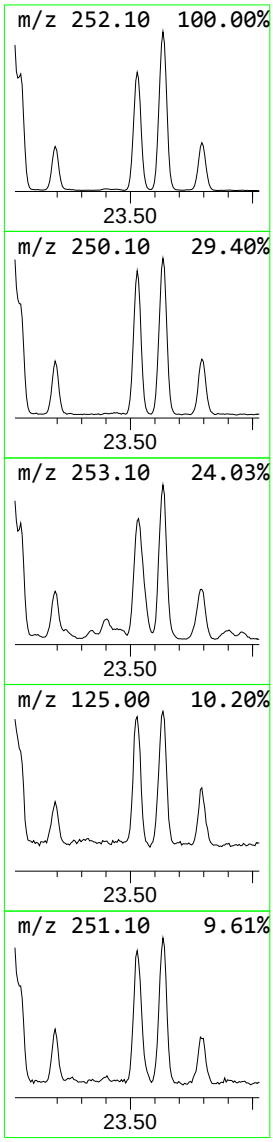
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.527	16.61 ng	3397010	Perylene-d12	23.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009412.D
Acq On : 15 Mar 2022 23:01
Operator : CG/JU
Sample : N1894-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2(0-5)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.058	3.7	ng	325691	1	7.810	1778250	20.0
n-Hexadecanoic ...	18.128	14.0	ng	3060360	4	17.216	4361620	20.0
4H-Cyclopenta[d...	18.275	5.3	ng	1167810	4	17.216	4361620	20.0
9,10-Anthracene...	18.610	2.1	ng	455178	4	17.216	4361620	20.0
Cyclopenta(def)...	19.116	3.1	ng	682751	4	17.216	4361620	20.0
Octadecanoic acid	19.363	3.8	ng	1800400	5	21.327	9583500	20.0
11H-Benzo[a]flu...	21.104	2.3	ng	1082310	5	21.327	9583500	20.0
Triphenylphosph...	21.451	7.4	ng	3550930	5	21.327	9583500	20.0
Benzo[e]pyrene	23.527	16.6	ng	3397010	6	23.745	4090290	20.0