LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005243.D
Acq On : 08 Apr 2021 19:15
Operator : CG/JU
Sample : M1972-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETGI-371

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-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005243.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.287	369	374	382	rVB	541564	791066	49.24%	7.368%
2	6.875	637	644	653	rBV	494409	765512	47.65%	7.130%
3	7.687	776	782	788	rVB	108884	165465	10.30%	1.541%
4	8.845	972	979	987	rBV	281258	471384	29.34%	4.391%
5	10.475	1249	1256	1263	rBV	125624	211762	13.18%	1.972%
6	12.963	1670	1679	1688	rBV	682731	979750	60.99%	9.126%
7	13.810	1817	1823	1831	rBV	19388	31125	1.94%	0.290%
8	14.069	1861	1867	1873	rBV2	18947	28982	1.80%	0.270%
9	14.345	1906	1914	1921	rBV	187435	284008	17.68%	2.645%
10	15.851	2163	2170	2179	rBV	577837	849485	52.88%	7.912%
11	17.110	2378	2384	2388	rBV	256015	342355	21.31%	3.189%
12	17.151	2388	2391	2400	rVV	48263	70371	4.38%	0.655%
13	17.245	2402	2407	2412	rVB	21492	32668	2.03%	0.304%
14	18.015	2534	2538	2545	rVB2	79925	126640	7.88%	1.180%
15	18.168	2559	2564	2569	rBV4	26192	48024	2.99%	0.447%
16	18.474	2612	2616	2618	rBV3	12832	17051	1.06%	0.159%
17	18.739	2658	2661	2667	rVB3	16755	29032	1.81%	0.270%
18	18.874	2680	2684	2689	rBV2	21611	38138	2.37%	0.355%
19	19.015	2704	2708	2715	rBV2	18308	26910	1.68%	0.251%
20	19.133	2721	2728	2734	rBV	262944	345554	21.51%	3.219%
21	19.251	2745	2748	2751	rBV2	24180	29176	1.82%	0.272%
22	19.457	2779	2783	2784	rBV	36439	39877	2.48%	0.371%
23	19.486	2784	2788	2796	rVV	232645	325635	20.27%	3.033%
24	19.562	2797	2801	2808	rVB4	19408	31300	1.95%	0.292%
25	19.686	2817	2822	2827	rBV	1333674	1606412	100.00%	14.963%
26	19.809	2837	2843	2849	rBV3	27059	70294	4.38%	0.655%
27	19.933	2861	2864	2865	rBV2	18603	19270	1.20%	0.179%
28	19.968	2868	2870	2878	rVB2	40065	56165	3.50%	0.523%
29	20.127	2894	2897	2901	rVB2	31367	36969	2.30%	0.344%
30	20.262	2917	2920	2923	rBV	22798	26518	1.65%	0.247%
31	20.304	2925	2927	2932	rVB2	20656	27303	1.70%	0.254%
32	20.704	2992	2995	3000	rVB	34582	41706	2.60%	0.388%
33	20.927	3030	3033	3040	rVB4	118990	208681	12.99%	1.944%
34	20.992	3041	3044	3050	rVB	126268	160983	10.02%	1.499%
35	21.121	3063	3066	3071	rVB	133072	135535	8.44%	1.262%
36	21.209	3075	3081	3085	rVV2	446693	775875	48.30%	7.227%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005243.D
Acq On : 08 Apr 2021 19:15
Operator : CG/JU
Sample : M1972-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETGI-371

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-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.245	3085	3087	3095	rVB	171263	215532	13.42%	2.008%
38	22.798	3346	3351	3356	rBV	168728	382189	23.79%	3.560%
39	23.292	3431	3435	3440	rVB	85705	148092	9.22%	1.379%
40	23.386	3446	3451	3459	rVB	152229	291932	18.17%	2.719%
41	23.492	3463	3469	3474	rBV2	242107	451389	28.10%	4.204%

Sum of corrected areas: 10736115

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Acq On : 08 Apr 2021 19:15
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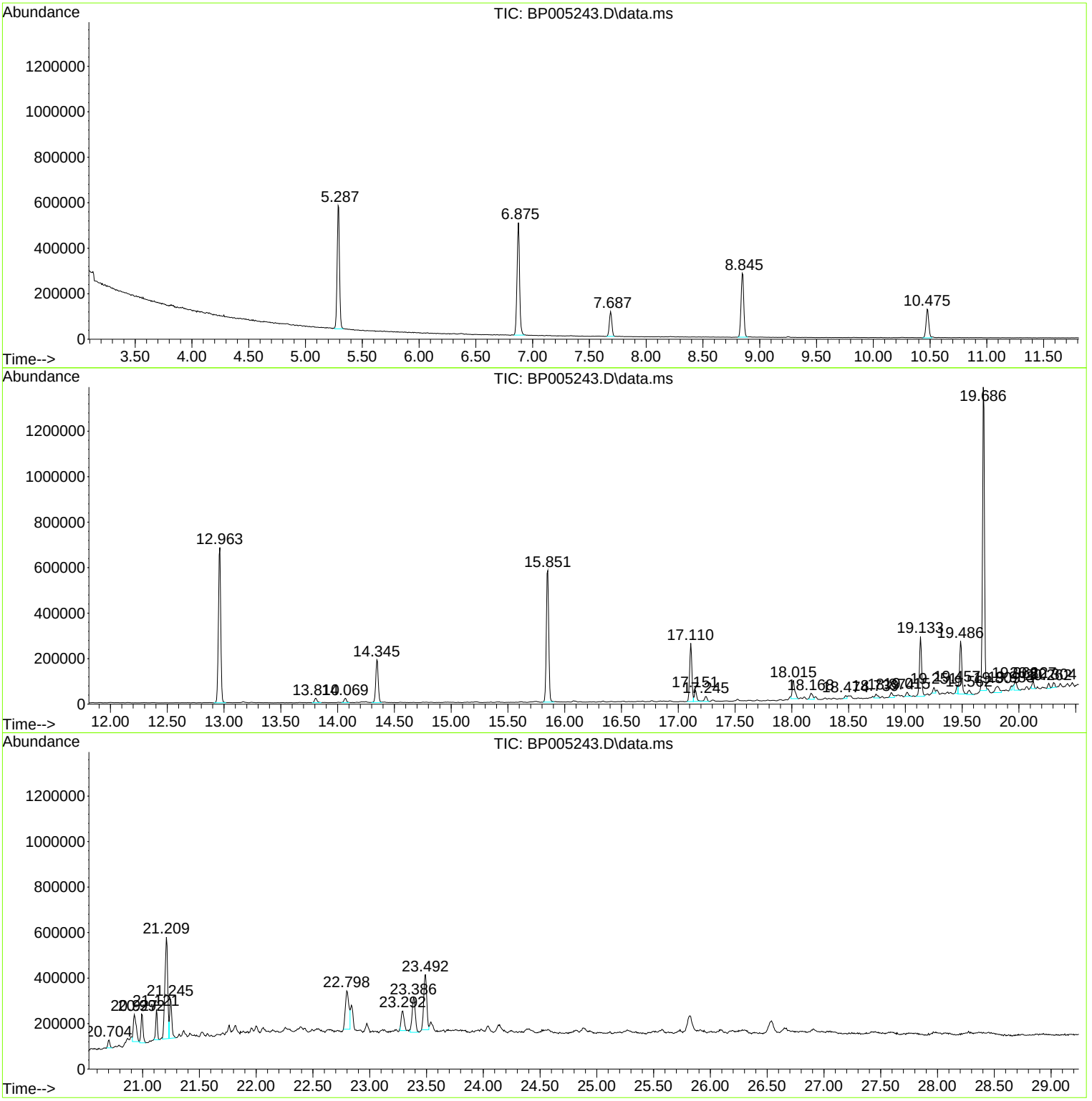
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BP005243.D
Acq On : 08 Apr 2021 19:15
Operator : CG/JU
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Instrument :
BNA_P
ClientSampleId :
ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

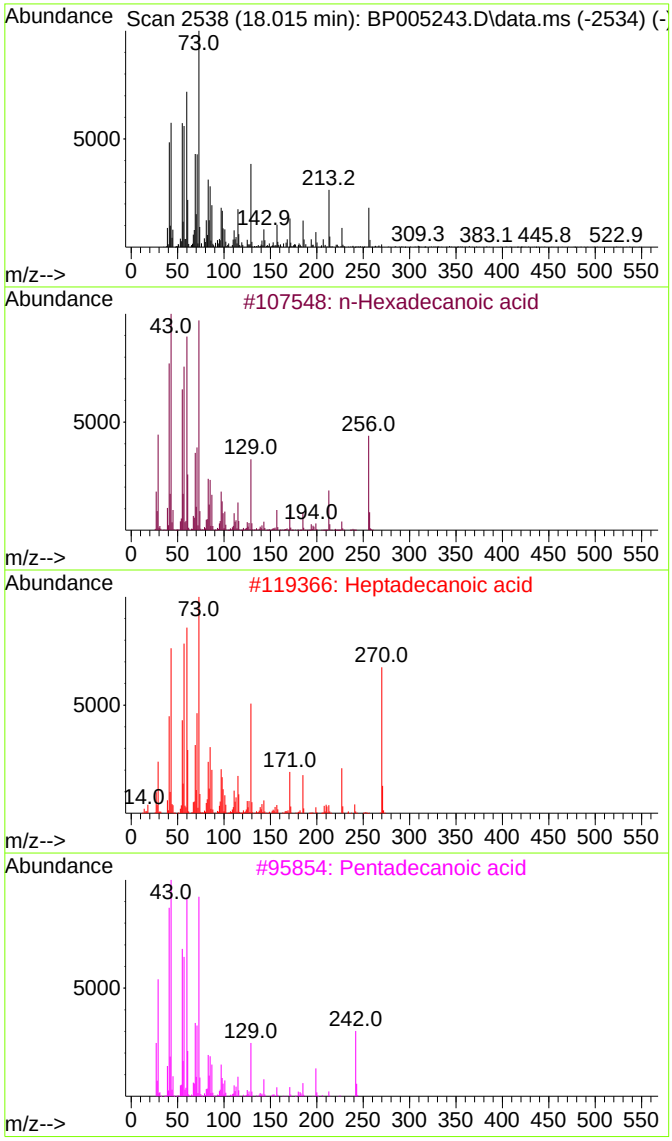
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

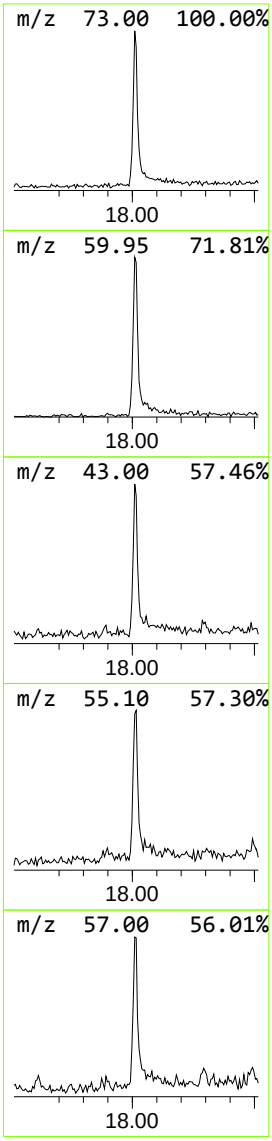
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.015	7.40 ng	126640	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005243.D
Acq On : 08 Apr 2021 19:15
Operator : CG/JU
Sample : M1972-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-371

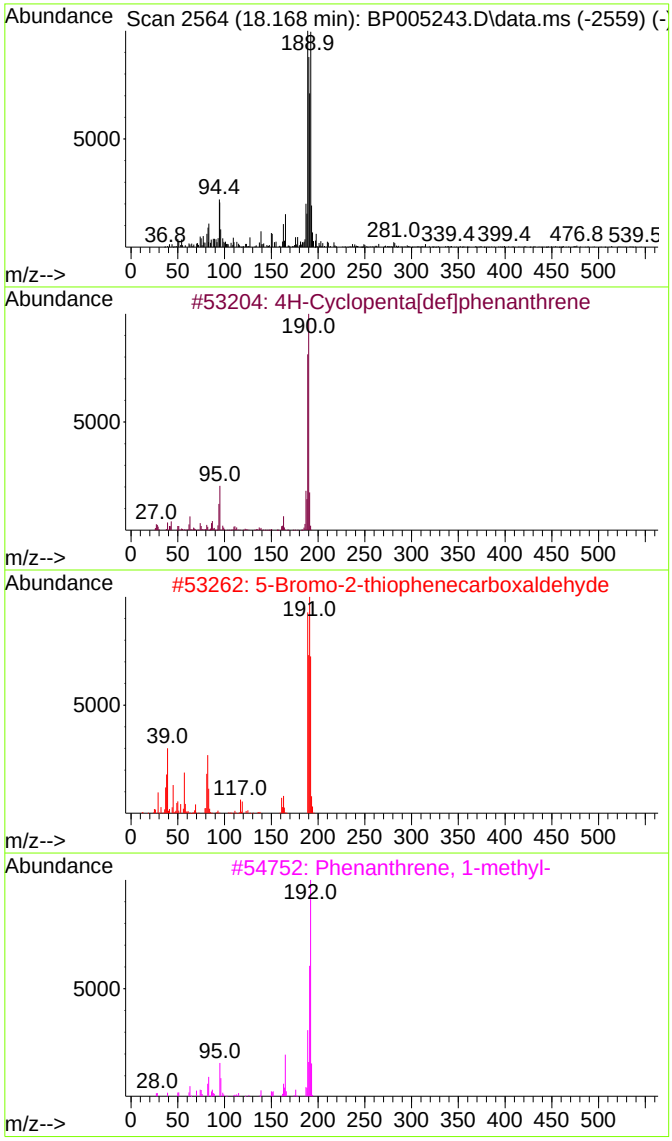
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

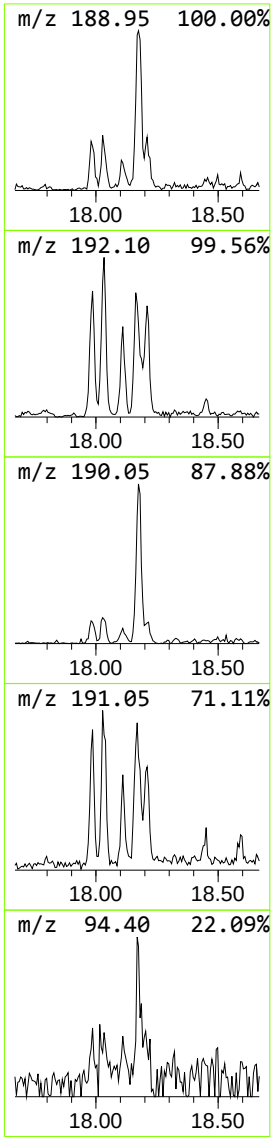
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	2.81 ng	48024	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





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Operator : CG/JU
Sample : M1972-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-371

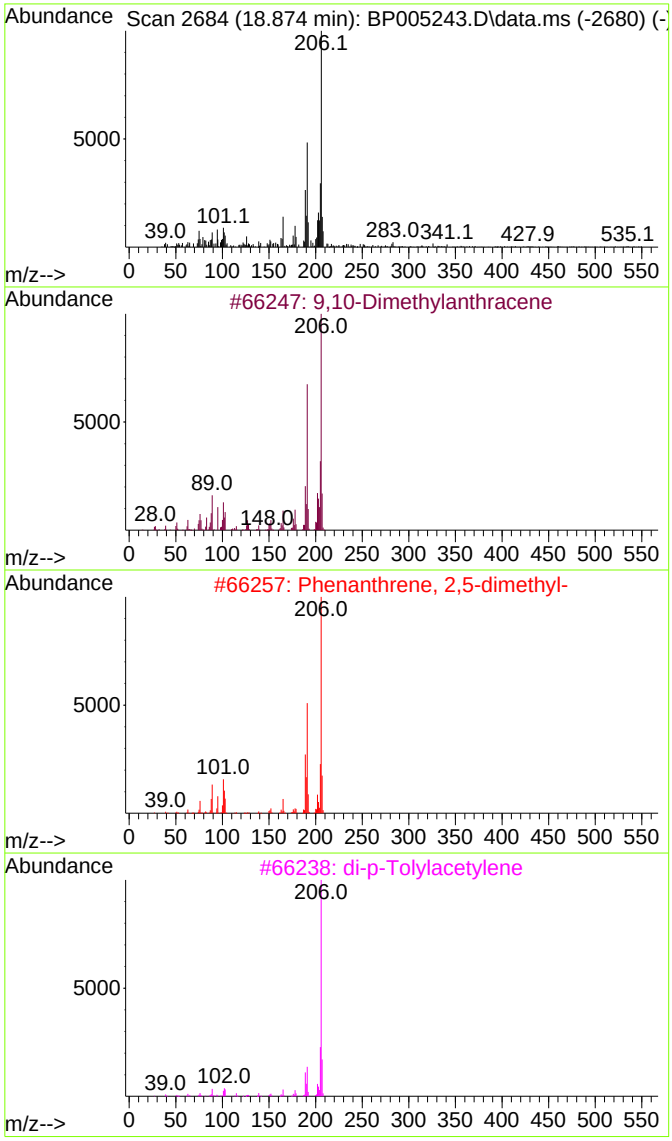
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

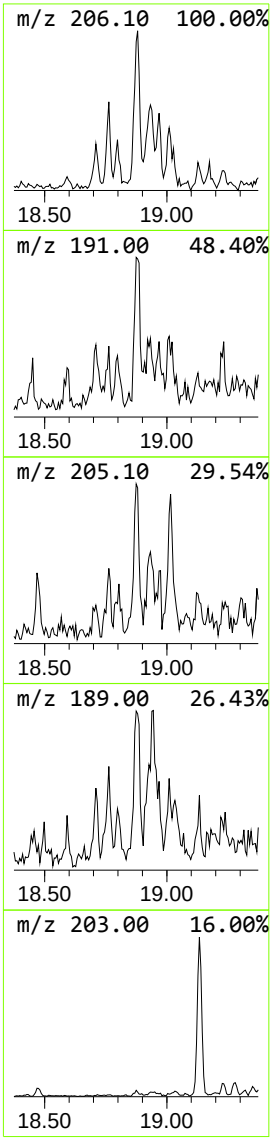
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.874	2.23 ng	38138	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
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Sample : M1972-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-371

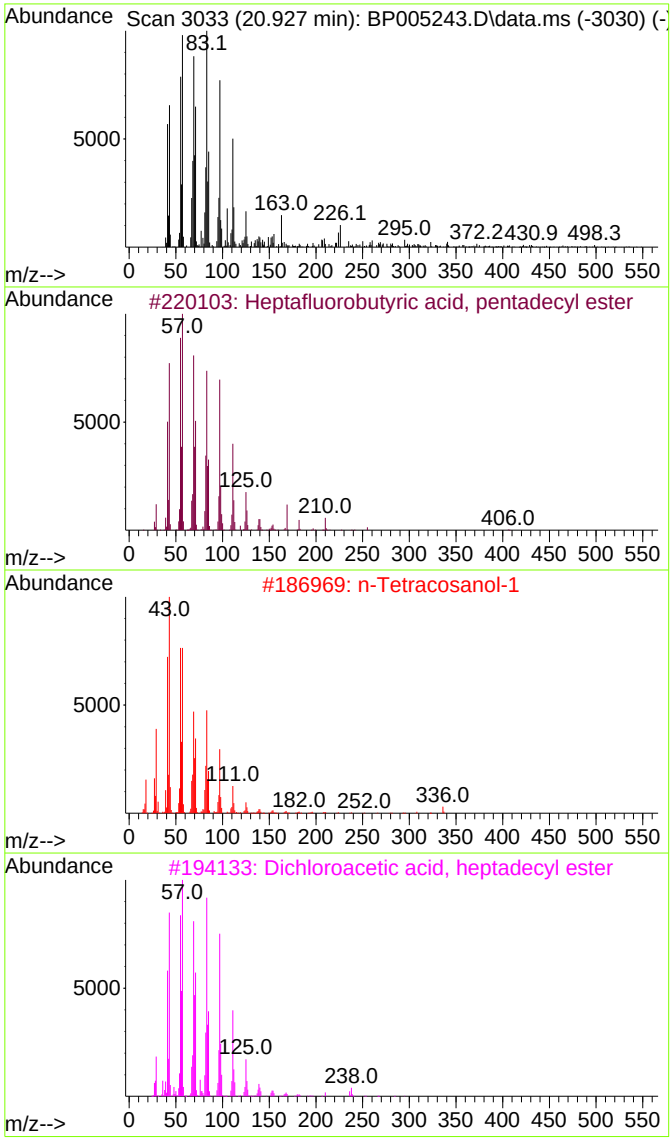
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

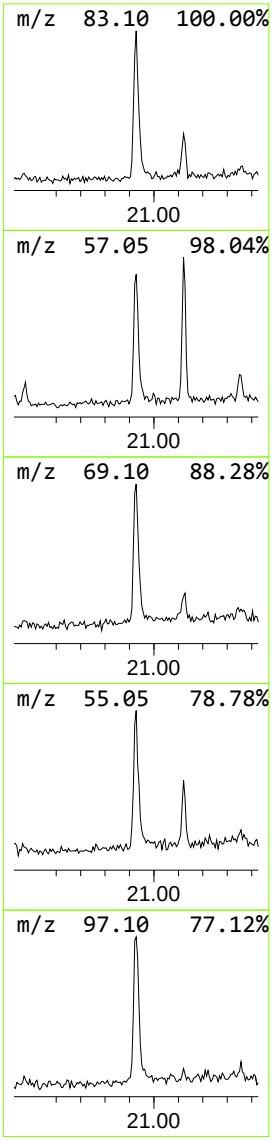
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.927	5.38 ng	208681	Chrysene-d12	21.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	86
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	83
4	Cyclohexadecane	224	C16H32	000295-65-8	81
5	1-Triacontanol	438	C30H62O	000593-50-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005243.D
Acq On : 08 Apr 2021 19:15
Operator : CG/JU
Sample : M1972-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

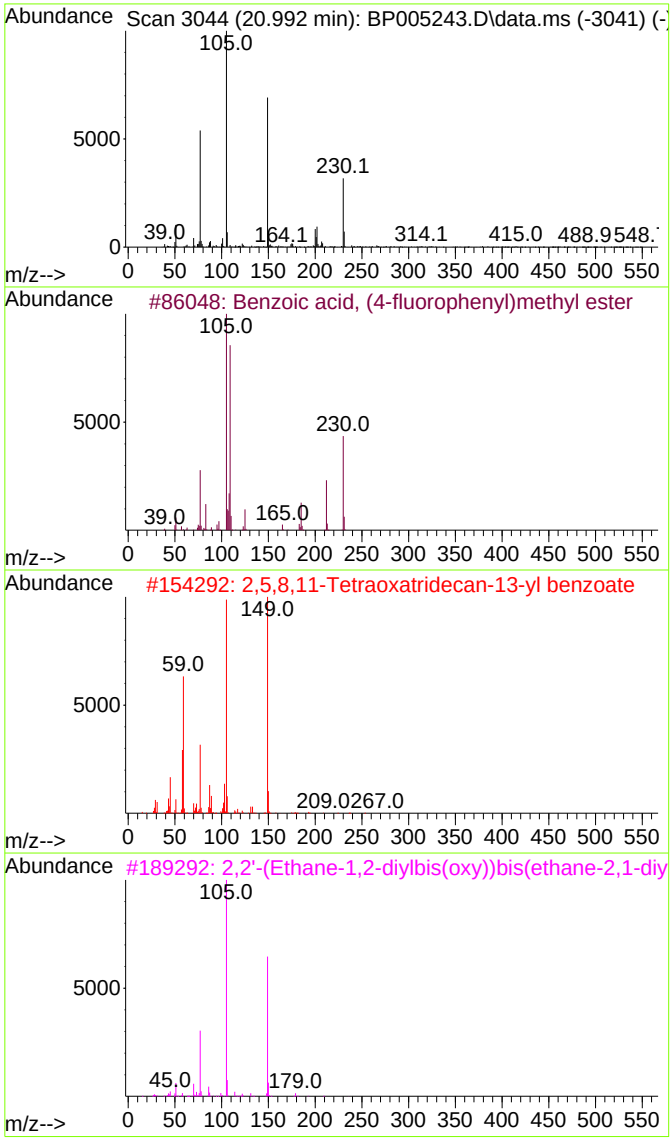
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

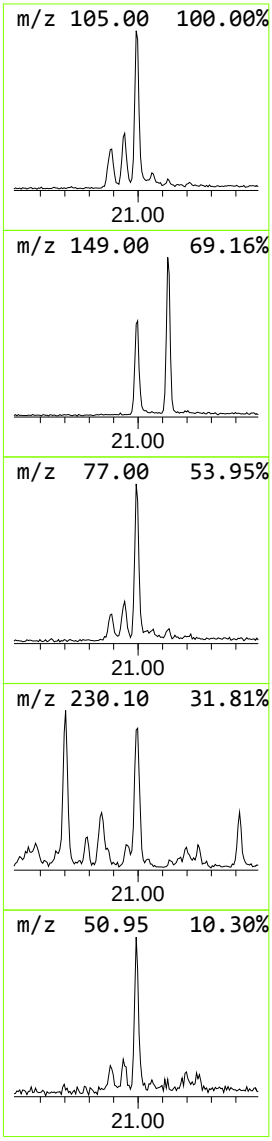
****

Peak Number 5 unknown20.992 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	4.15 ng	160983	Chrysene-d12	21.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, (4-fluorophenyl)me...	230	C14H11FO2	1000368-73-1	43
2	2,5,8,11-Tetraoxatridecan-13-yl ...	312	C16H24O6	1000366-96-7	43
3	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	43
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	43
5	Benzoic acid, 2-(2-chlorophenoxy...	276	C15H13ClO3	1000368-25-9	40





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

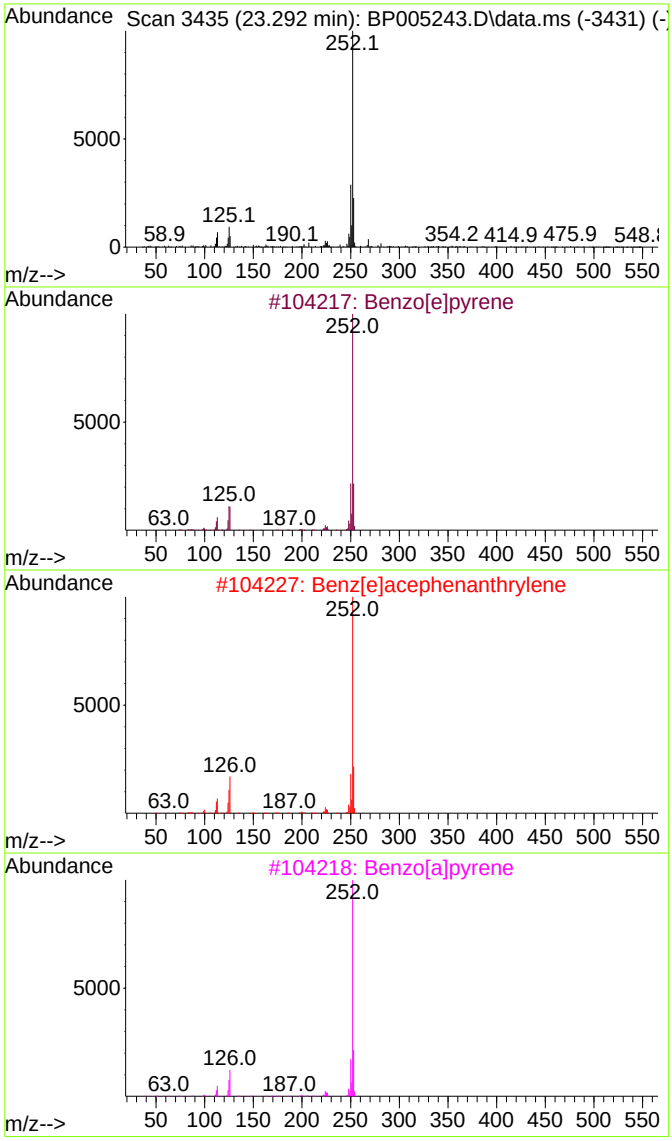
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

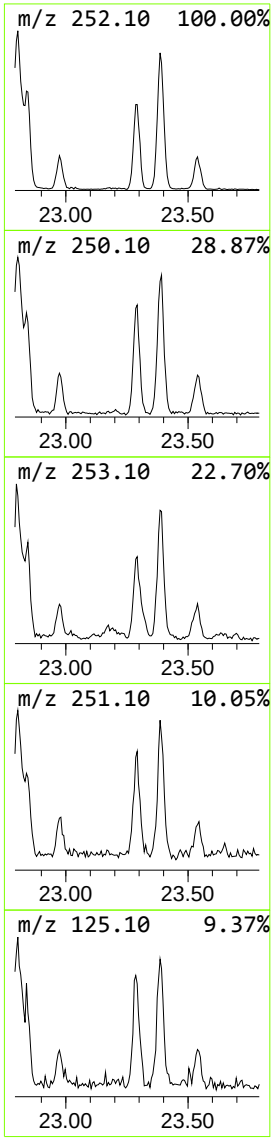
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.292	6.56 ng	148092	Perylene-d12	23.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Tentatively Identified Compound (LSC) summary

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Data File : BP005243.D
Acq On : 08 Apr 2021 19:15
Operator : CG/JU
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Instrument : BNA_P
ClientSampleId : ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.015	7.4	ng	126640	4	17.110	342355	20.0
4H-Cyclopenta[d...	18.168	2.8	ng	48024	4	17.110	342355	20.0
9,10-Dimethylan...	18.874	2.2	ng	38138	4	17.110	342355	20.0
Heptafluorobuty...	20.927	5.4	ng	208681	5	21.209	775875	20.0
unknown20.992	20.992	4.2	ng	160983	5	21.209	775875	20.0
Benzo[e]pyrene	23.292	6.6	ng	148092	6	23.492	451389	20.0