LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003309.D
Acq On : 16 Sep 2020 19:17
Operator : CG/JU
Sample : L4020-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETGI-370

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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003309.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.758	311	318	327	rVB	30865	45121	1.02%	0.116%
2	5.228	392	398	413	rBV	1399081	2119228	48.00%	5.439%
3	6.811	658	667	685	rBV	1272387	2163438	49.00%	5.552%
4	7.616	796	804	813	rBV	518170	808467	18.31%	2.075%
5	8.763	988	999	1014	rBV	909900	1571202	35.59%	4.032%
6	10.393	1268	1276	1295	rBV	610036	1153766	26.13%	2.961%
7	12.881	1691	1699	1717	rBV	2539840	3841892	87.02%	9.860%
8	13.722	1834	1842	1855	rBV	272800	448419	10.16%	1.151%
9	13.981	1880	1886	1897	rBV	140114	230190	5.21%	0.591%
10	14.263	1927	1934	1942	rBV	928309	1447178	32.78%	3.714%
11	15.316	2109	2113	2126	rVB3	21373	52934	1.20%	0.136%
12	15.757	2181	2188	2202	rBV	1488099	2373162	53.75%	6.090%
13	17.016	2396	2402	2406	rBV	1027469	1517608	34.38%	3.895%
14	17.057	2406	2409	2418	rVV	213216	307283	6.96%	0.789%
15	17.151	2420	2425	2431	rVB	120517	186224	4.22%	0.478%
16	17.892	2546	2551	2555	rBV	53125	80444	1.82%	0.206%
17	17.934	2555	2558	2565	rVV2	105272	158432	3.59%	0.407%
18	18.016	2568	2572	2577	rVV	52766	82862	1.88%	0.213%
19	18.075	2577	2582	2587	rVV2	101627	201809	4.57%	0.518%
20	18.116	2587	2589	2597	rVB	51625	67251	1.52%	0.173%
21	18.381	2630	2634	2637	rVB	38968	47447	1.07%	0.122%
22	18.781	2698	2702	2707	rBV2	72771	115907	2.63%	0.297%
23	18.839	2709	2712	2716	rVV3	27470	46616	1.06%	0.120%
24	18.922	2721	2726	2733	rBV	68093	120784	2.74%	0.310%
25	19.033	2740	2745	2752	rBV	793834	1074782	24.34%	2.758%
26	19.181	2766	2770	2775	rBV	92054	125622	2.85%	0.322%
27	19.386	2796	2805	2814	rBV	818207	1314591	29.78%	3.374%
28	19.469	2815	2819	2825	rVB3	50906	90750	2.06%	0.233%
29	19.592	2832	2840	2844	rBV	3565601	4414813	100.00%	11.330%
30	19.716	2855	2861	2866	rBV3	79876	177047	4.01%	0.454%
31	19.839	2878	2882	2884	rBV3	79935	122154	2.77%	0.313%
32	19.875	2884	2888	2892	rVB2	148582	213521	4.84%	0.548%
33	19.969	2901	2904	2908	rBV	89614	97195	2.20%	0.249%
34	20.028	2909	2914	2918	rVV2	121972	177263	4.02%	0.455%
35	20.163	2934	2937	2940	rBV	88505	97961	2.22%	0.251%
36	20.210	2942	2945	2949	rVB	66631	90695	2.05%	0.233%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003309.D
Acq On : 16 Sep 2020 19:17
Operator : CG/JU
Sample : L4020-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETGI-370

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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.604	3009	3012	3019	rVB	117886	164260	3.72%	0.422%
38	20.798	3043	3045	3048	rVB	75223	70643	1.60%	0.181%
39	20.833	3048	3051	3058	rBV2	456709	636034	14.41%	1.632%
40	21.033	3082	3085	3088	rBV	138847	128613	2.91%	0.330%
41	21.104	3091	3097	3101	rVV2	1494994	2642727	59.86%	6.782%
42	21.145	3101	3104	3114	rVB	558546	755956	17.12%	1.940%
43	21.263	3121	3124	3129	rBV3	94958	162593	3.68%	0.417%
44	21.704	3195	3199	3206	rVB2	123835	218254	4.94%	0.560%
45	22.657	3356	3361	3366	rBV	704838	1530110	34.66%	3.927%
46	22.827	3387	3390	3397	rVB	171657	263223	5.96%	0.676%
47	23.127	3437	3441	3449	rVB	439839	792630	17.95%	2.034%
48	23.227	3452	3458	3466	rBV	638078	1131720	25.63%	2.904%
49	23.321	3468	3474	3479	rBV2	869365	1636748	37.07%	4.201%
50	25.574	3851	3857	3866	rVB	349683	901372	20.42%	2.313%
51	26.262	3969	3974	3985	rVB	285038	746393	16.91%	1.916%

Sum of corrected areas: 38965334

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Data File : BP003309.D
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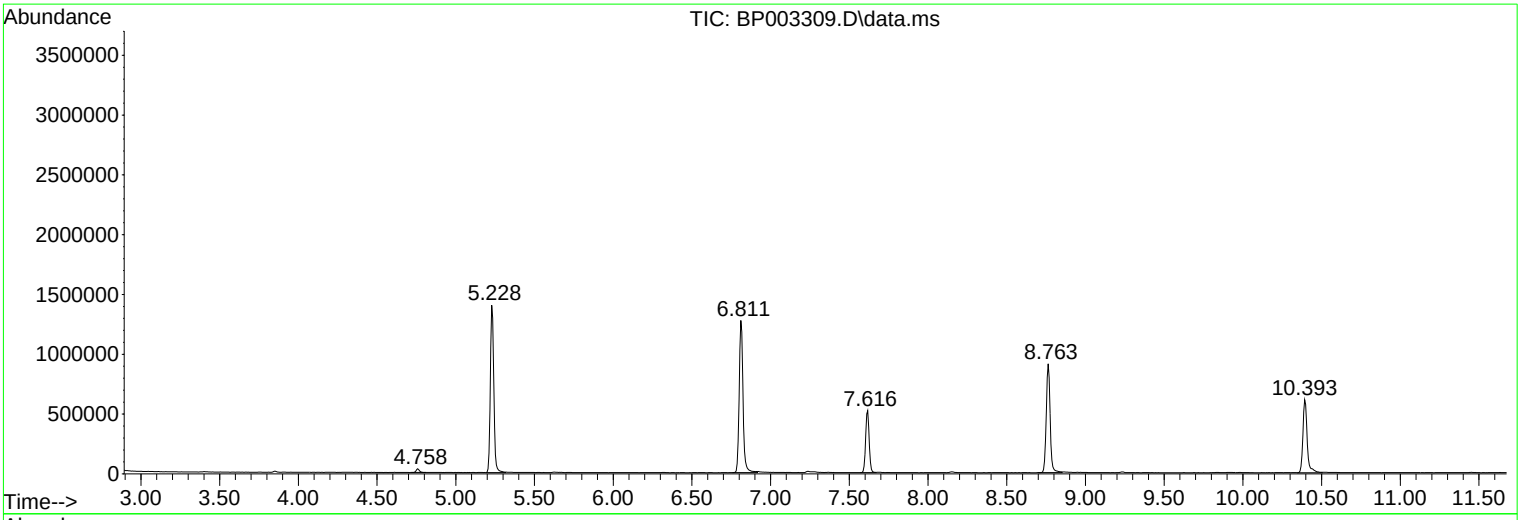
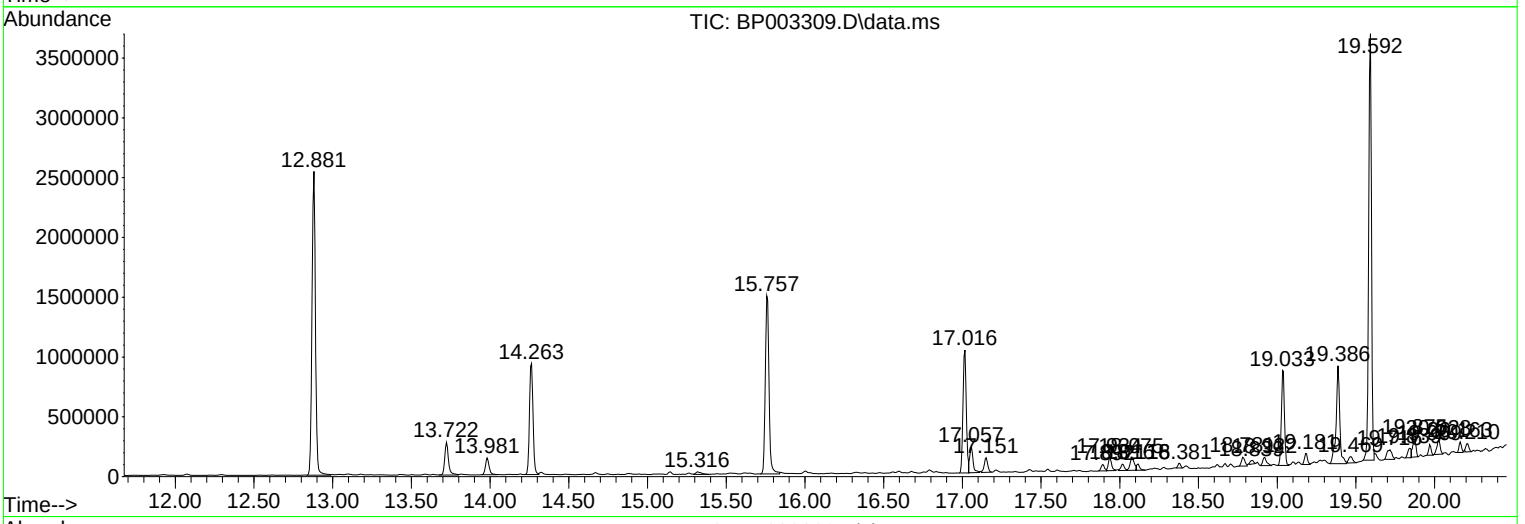
Sample : L4020-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

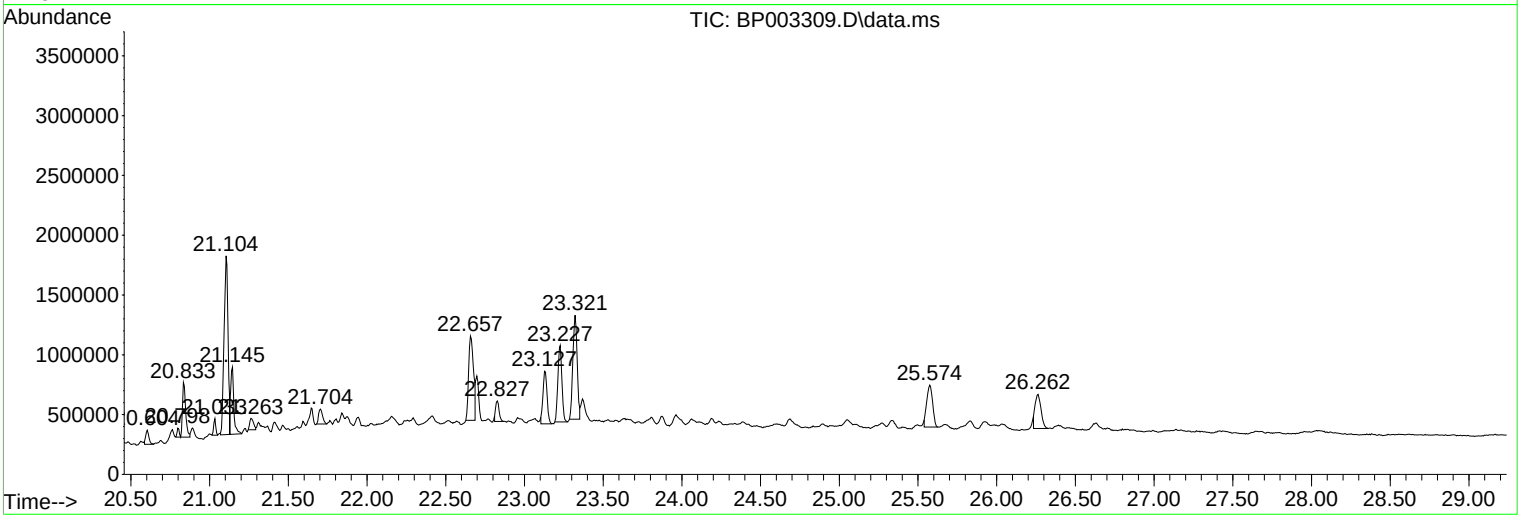
Instrument :
BNA_P
ClientSampleId :
ETGI-370

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003309.D
Acq On : 16 Sep 2020 19:17
Operator : CG/JU
Sample : L4020-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-370

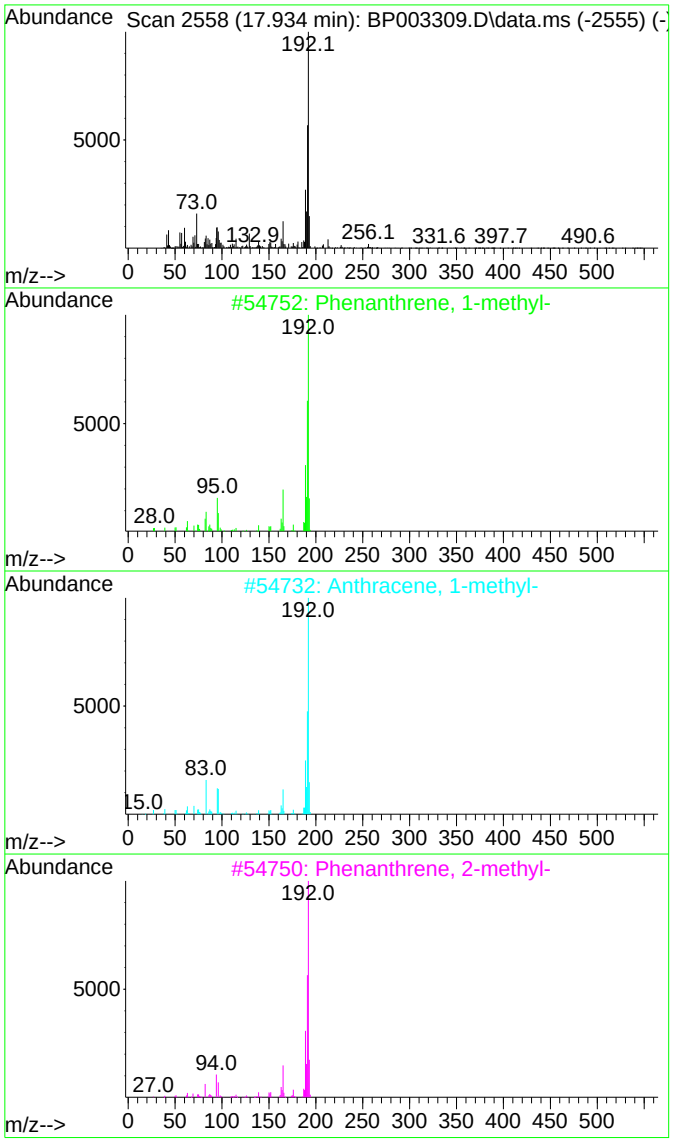
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

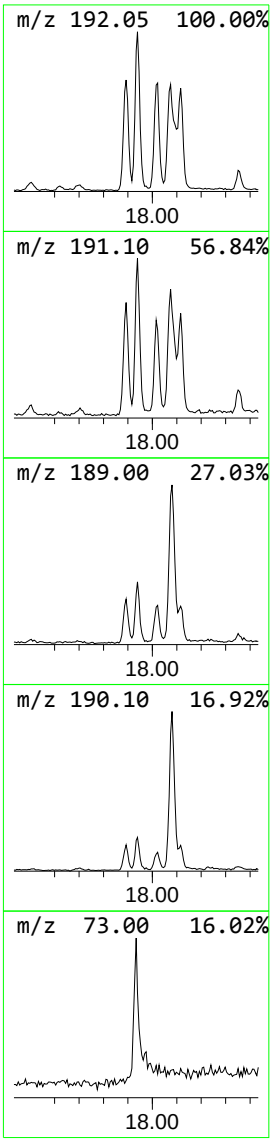
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	2.09 ng	158432	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003309.D
Acq On : 16 Sep 2020 19:17
Operator : CG/JU
Sample : L4020-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETGI-370

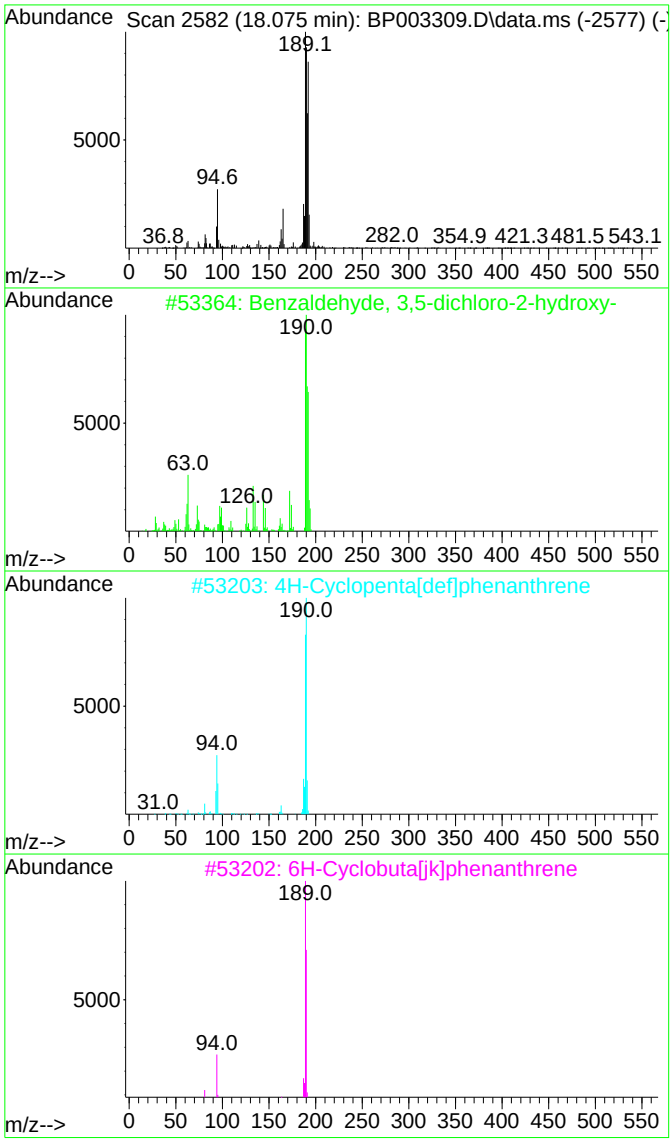
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

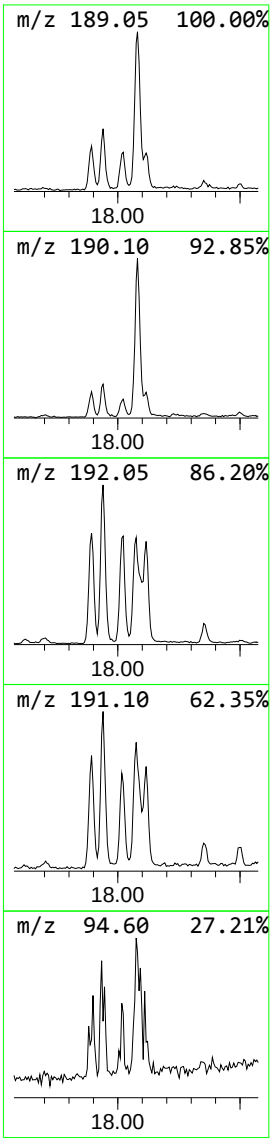
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	2.66 ng	201809	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003309.D
Acq On : 16 Sep 2020 19:17
Operator : CG/JU
Sample : L4020-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETGI-370

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

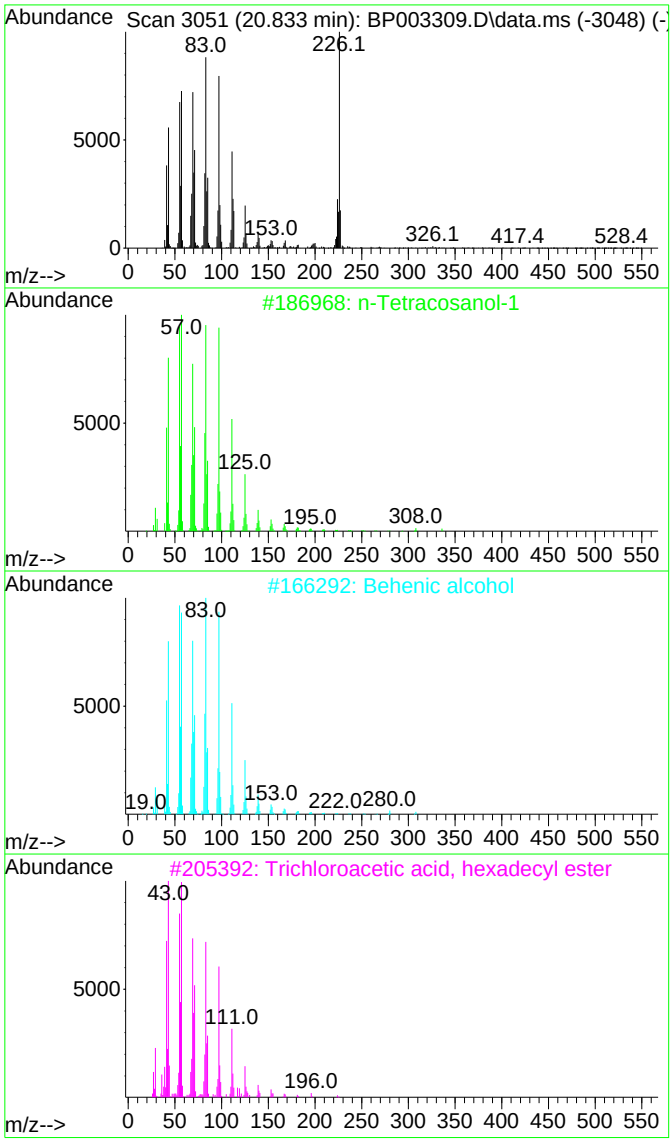
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

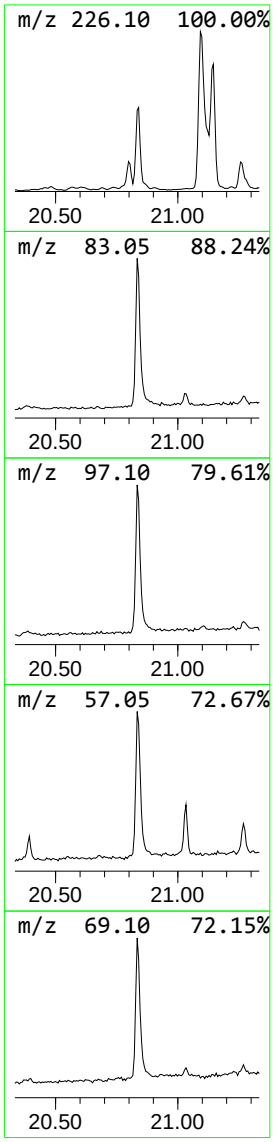
****

Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.833	4.81 ng	636034	Chrysene-d12	21.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	86
2	Behenic alcohol	326	C22H46O	000661-19-8	86
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70
4	Cyclotetracosane	336	C24H48	000297-03-0	70
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003309.D
Acq On : 16 Sep 2020 19:17
Operator : CG/JU
Sample : L4020-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETGI-370

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

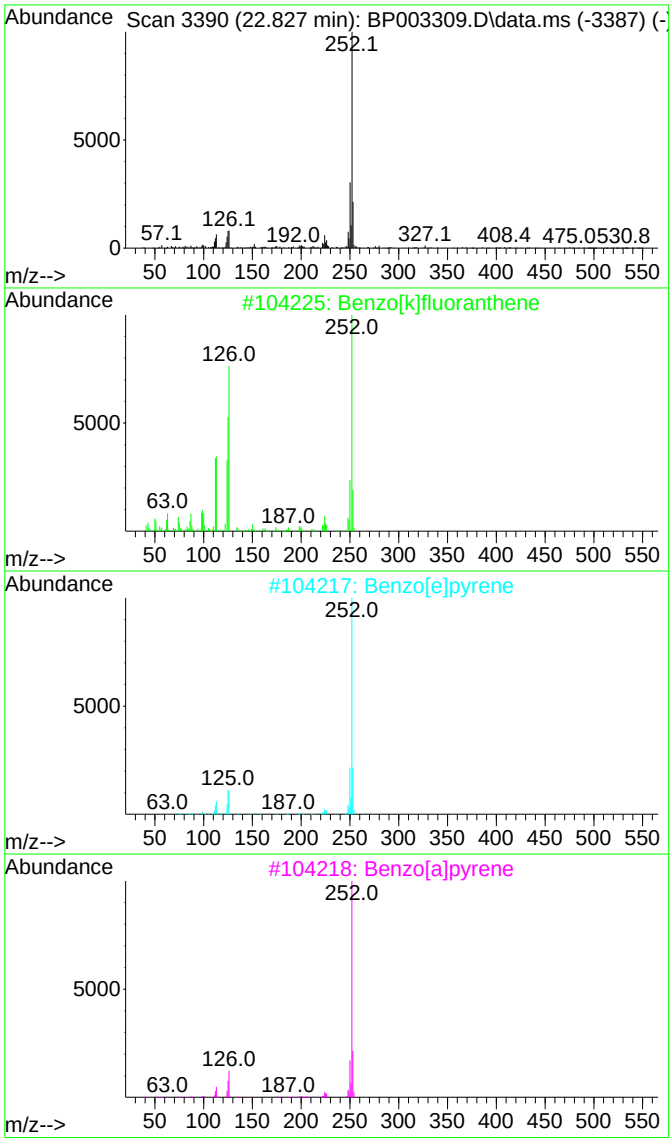
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

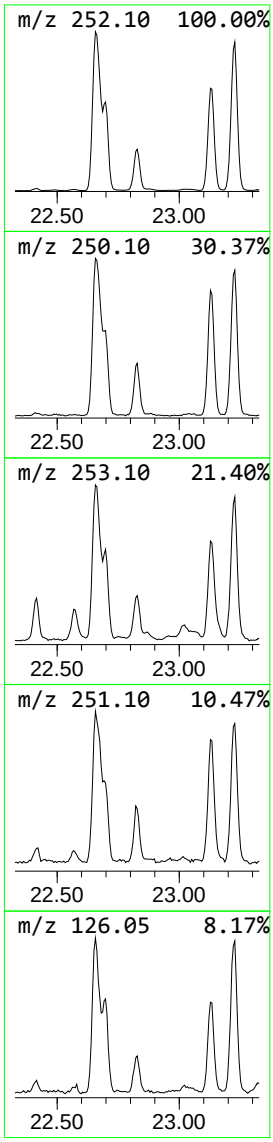
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.827	3.22 ng	263223	Perylene-d12	23.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
5	Perylene	252	C20H12	000198-55-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003309.D
Acq On : 16 Sep 2020 19:17
Operator : CG/JU
Sample : L4020-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETGI-370

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

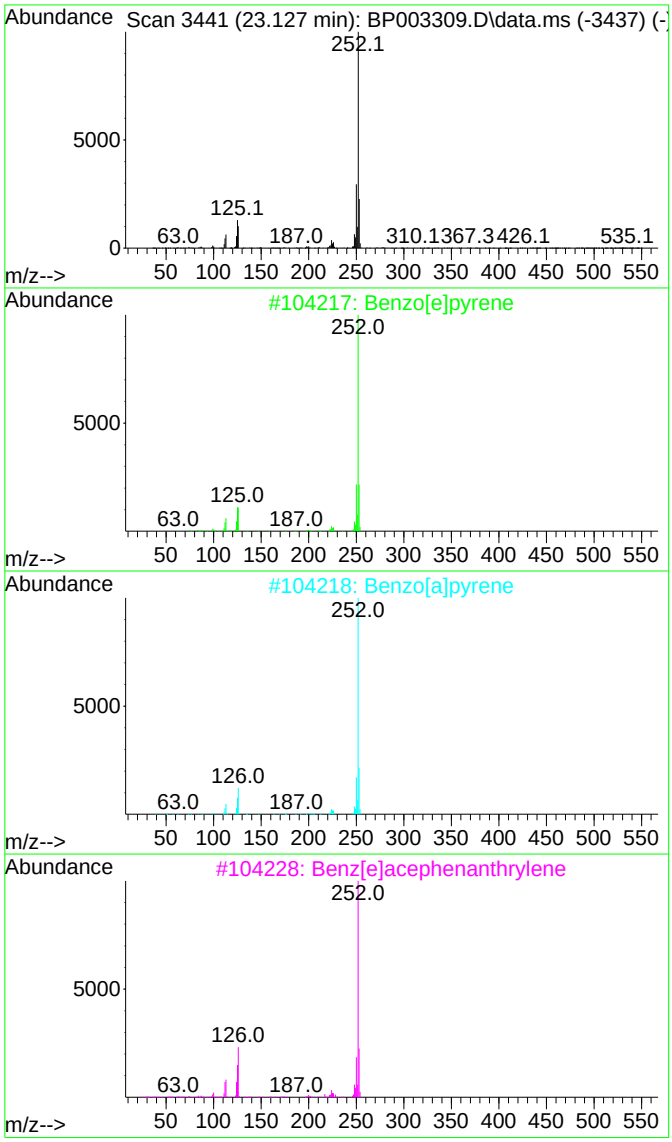
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

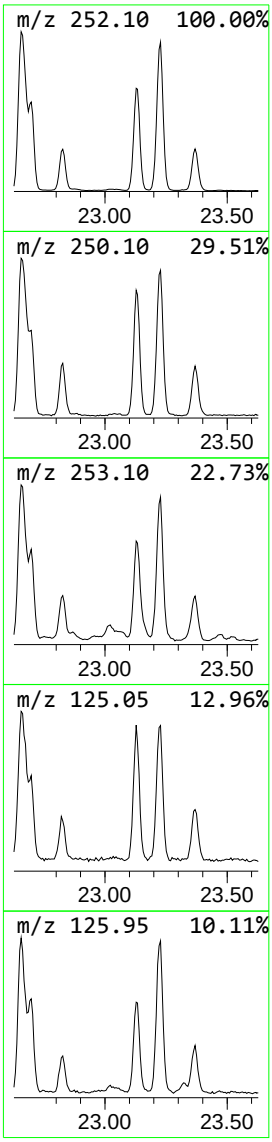
****

Peak Number 5 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.127	9.69 ng	792630	Perylene-d12	23.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003309.D
Acq On : 16 Sep 2020 19:17
Operator : CG/JU
Sample : L4020-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ETGI-370

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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
Phenanthrene, 1...	17.933	2.1	ng	158432	4	17.016	1517610	20.0
Benzaldehyde, 3...	18.075	2.7	ng	201809	4	17.016	1517610	20.0
n-Tetracosanol-1	20.833	4.8	ng	636034	5	21.110	2642730	20.0
Benzo[e]pyrene	22.827	3.2	ng	263223	6	23.322	1636750	20.0
Perylene	23.127	9.7	ng	792630	6	23.322	1636750	20.0