LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036066.D
Acq On : 02 Aug 2022 23:56
Operator : CG/JU
Sample : N3995-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

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_M\Methods\8270-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036066.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	313	320	332	rBV	132058	216513	1.95%	0.273%
2	5.434	392	399	410	rBV	3914952	5717244	51.62%	7.221%
3	7.039	660	672	690	rBV	4050666	6266356	56.58%	7.914%
4	7.869	806	813	820	rBV	1096041	1682189	15.19%	2.125%
5	9.039	1002	1012	1020	rBV	2483472	4115318	37.16%	5.198%
6	10.675	1280	1290	1297	rBV	1500621	2492202	22.50%	3.148%
7	13.133	1700	1708	1724	rBV	5628009	8129696	73.40%	10.268%
8	14.504	1933	1941	1948	rBV	2167144	3158612	28.52%	3.989%
9	15.992	2185	2194	2202	rBV	4595405	6387161	57.67%	8.067%
10	16.215	2228	2232	2239	rBV3	57702	114350	1.03%	0.144%
11	17.245	2401	2407	2411	rBV	2683607	3736226	33.73%	4.719%
12	17.286	2411	2414	2421	rVV	425715	597940	5.40%	0.755%
13	17.374	2425	2429	2434	rVB	117788	175643	1.59%	0.222%
14	18.121	2552	2556	2557	rBV	194439	222122	2.01%	0.281%
15	18.168	2562	2564	2570	rVV	271302	332931	3.01%	0.420%
16	18.251	2574	2578	2583	rVV	90882	146364	1.32%	0.185%
17	18.309	2583	2588	2592	rVV2	283017	521311	4.71%	0.658%
18	18.351	2592	2595	2600	rVB	197129	273688	2.47%	0.346%
19	18.439	2606	2610	2613	rBV	97561	118869	1.07%	0.150%
20	18.621	2637	2641	2645	rBV	105443	138175	1.25%	0.175%
21	18.868	2680	2683	2687	rVB	96092	112447	1.02%	0.142%
22	19.039	2707	2712	2715	rBV	305099	445952	4.03%	0.563%
23	19.180	2731	2736	2742	rBV4	152841	308327	2.78%	0.389%
24	19.298	2751	2756	2763	rBV	1276719	1708190	15.42%	2.157%
25	19.421	2775	2777	2784	rVB4	111257	133515	1.21%	0.169%
26	19.662	2809	2818	2827	rVV	1475669	2572031	23.22%	3.249%
27	19.739	2827	2831	2837	rVB3	160421	269146	2.43%	0.340%
28	19.868	2848	2853	2864	rVB	9085572	11075977	100.00%	13.989%
29	19.986	2868	2873	2885	rBV4	190178	546878	4.94%	0.691%
30	20.121	2892	2896	2898	rBV3	150800	223112	2.01%	0.282%
31	20.315	2924	2929	2933	rBV2	271543	362869	3.28%	0.458%
32	20.456	2949	2953	2956	rBV	237957	321626	2.90%	0.406%
33	20.497	2957	2960	2964	rVB	229291	281072	2.54%	0.355%
34	20.903	3026	3029	3034	rVB	204125	286967	2.59%	0.362%
35	21.109	3061	3064	3066	rBV	139857	160327	1.45%	0.202%
36	21.139	3066	3069	3075	rVV2	755695	1025732	9.26%	1.296%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036066.D
Acq On : 02 Aug 2022 23:56
Operator : CG/JU
Sample : N3995-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

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_M\Methods\8270-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.421	3110	3117	3121	rBV2	4103370	6330378	57.15%	7.995%
38	21.456	3121	3123	3130	rVB	950797	1127353	10.18%	1.424%
39	23.062	3392	3396	3402	rBV	572554	1241178	11.21%	1.568%
40	23.574	3480	3483	3493	rVB	413781	738220	6.67%	0.932%
41	23.680	3496	3501	3510	rVB	532145	1013321	9.15%	1.280%
42	23.785	3512	3519	3525	rBV2	2203437	4348410	39.26%	5.492%

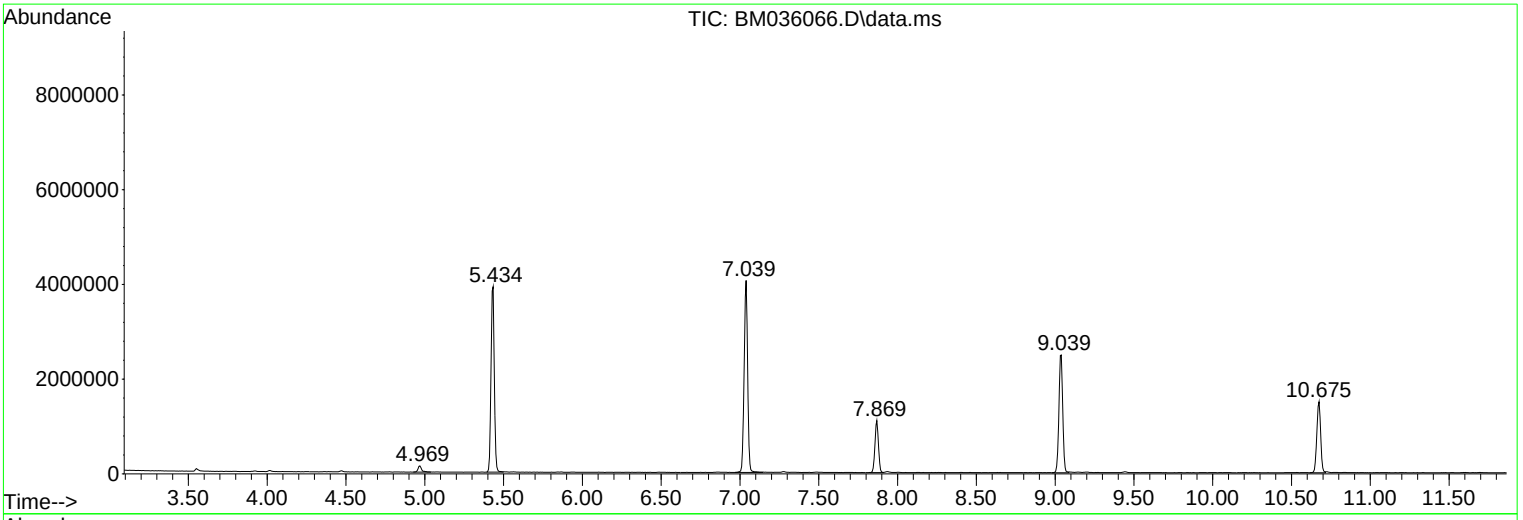
Sum of corrected areas: 79175938

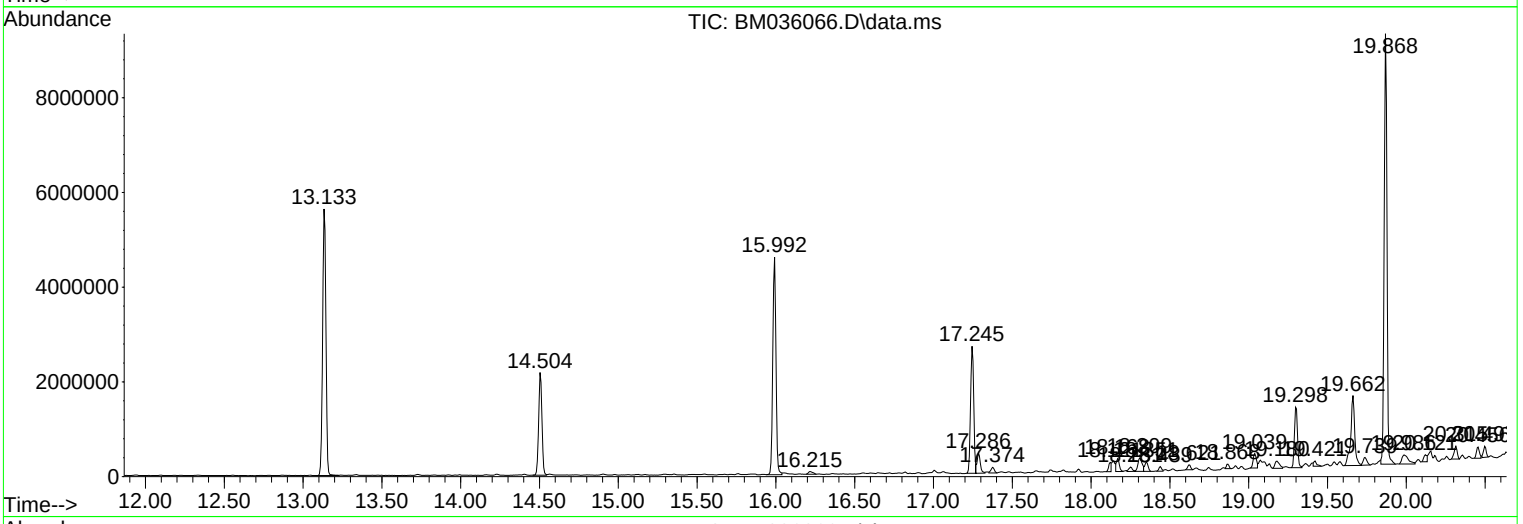
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036066.D
Acq On : 02 Aug 2022 23:56
Operator : CG/JU
Sample : N3995-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

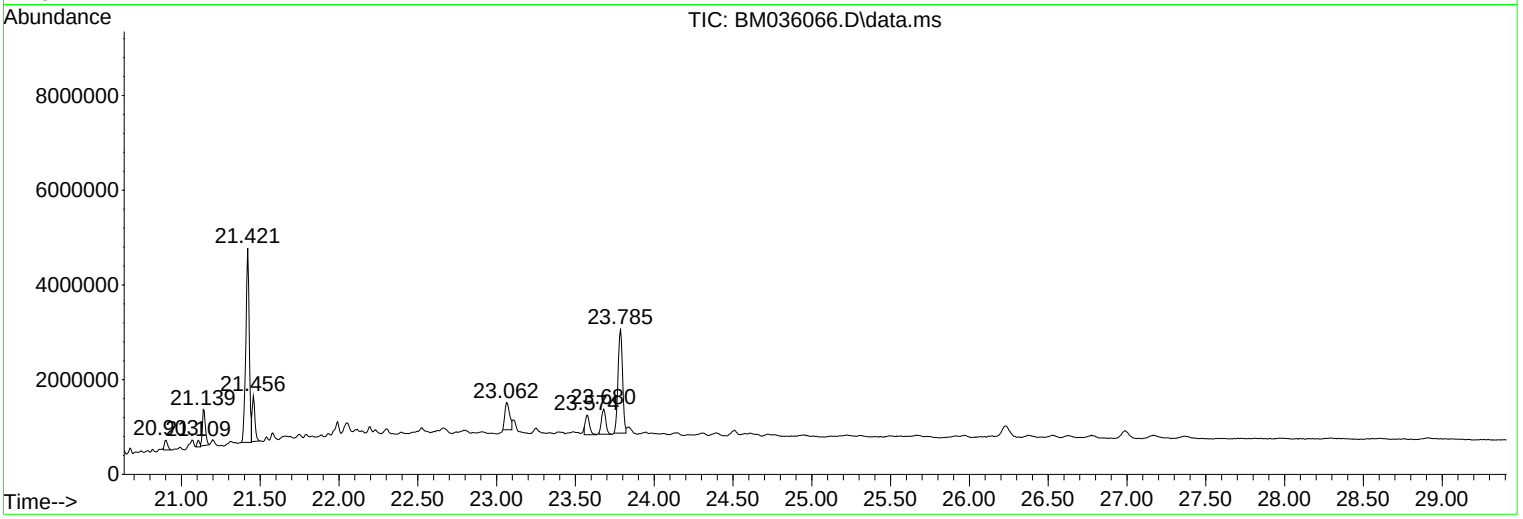
Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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_M\Data\BM080222\
Data File : BM036066.D
Acq On : 02 Aug 2022 23:56
Operator : CG/JU
Sample : N3995-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

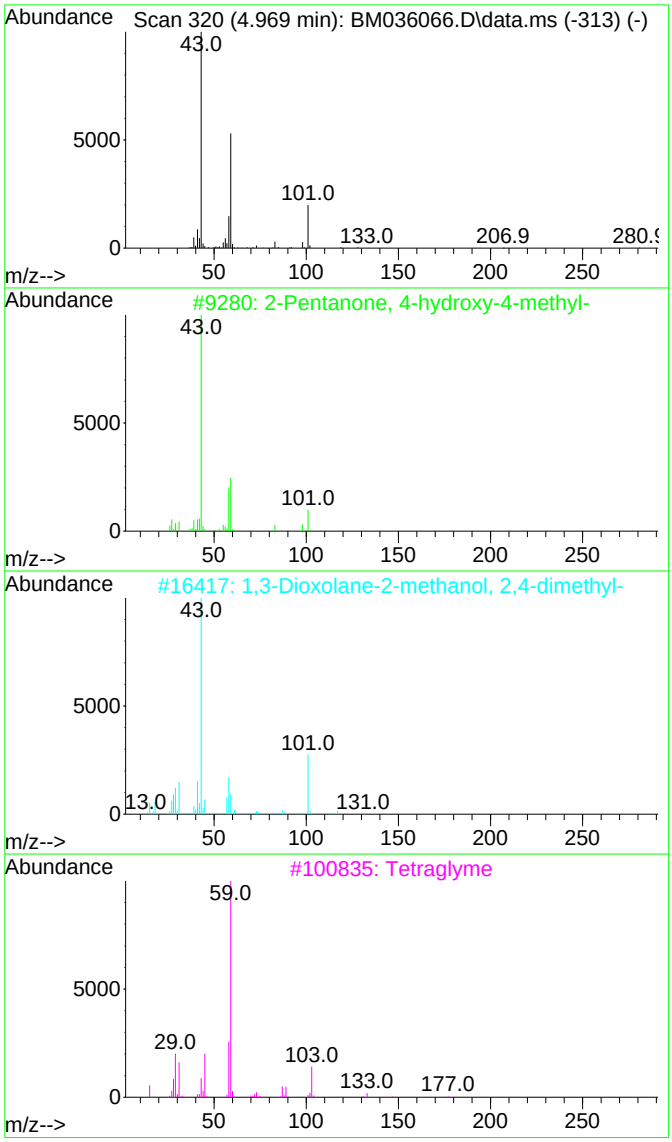
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

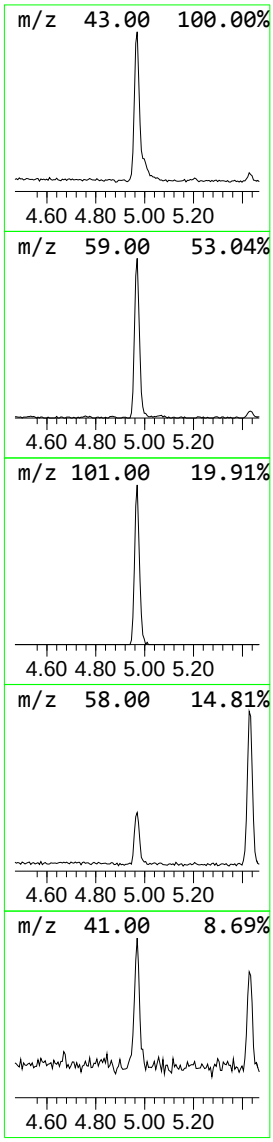
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	2.57 ng	216513	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	Tetraglyme	222	C10H22O5	000143-24-8	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036066.D
Acq On : 02 Aug 2022 23:56
Operator : CG/JU
Sample : N3995-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

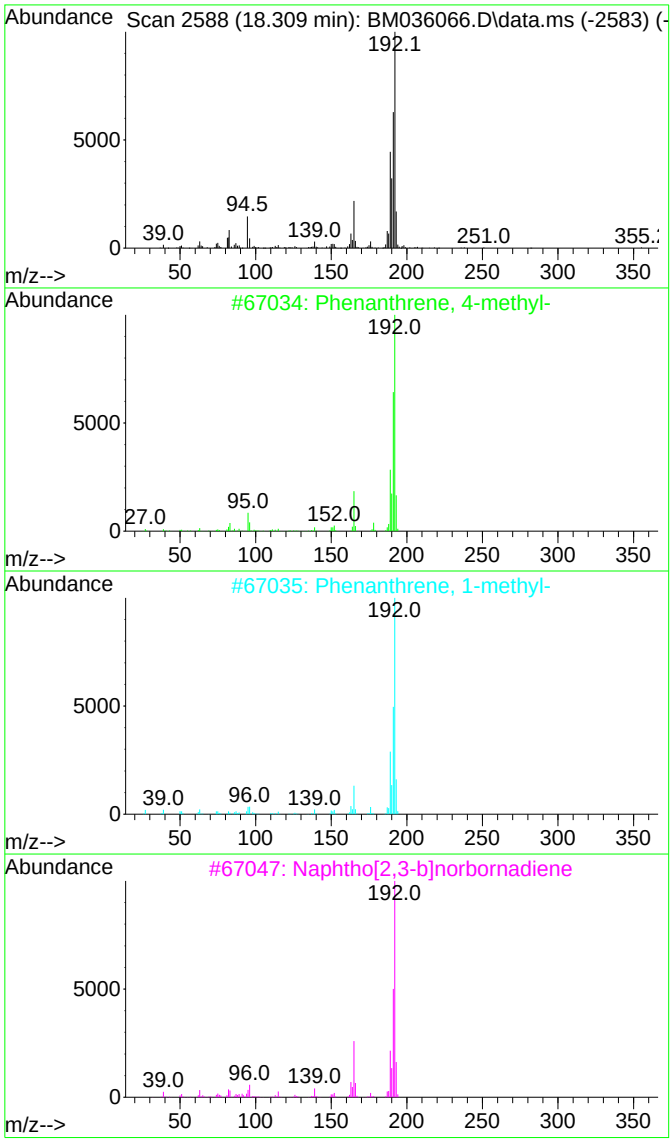
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

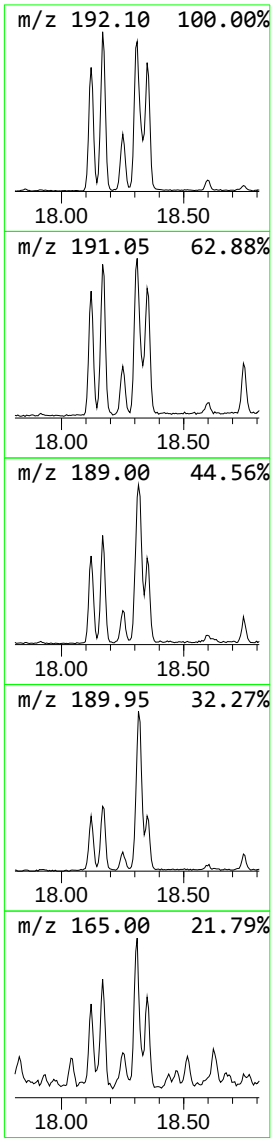
****

Peak Number 2 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.309	2.79 ng	521311	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036066.D
Acq On : 02 Aug 2022 23:56
Operator : CG/JU
Sample : N3995-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

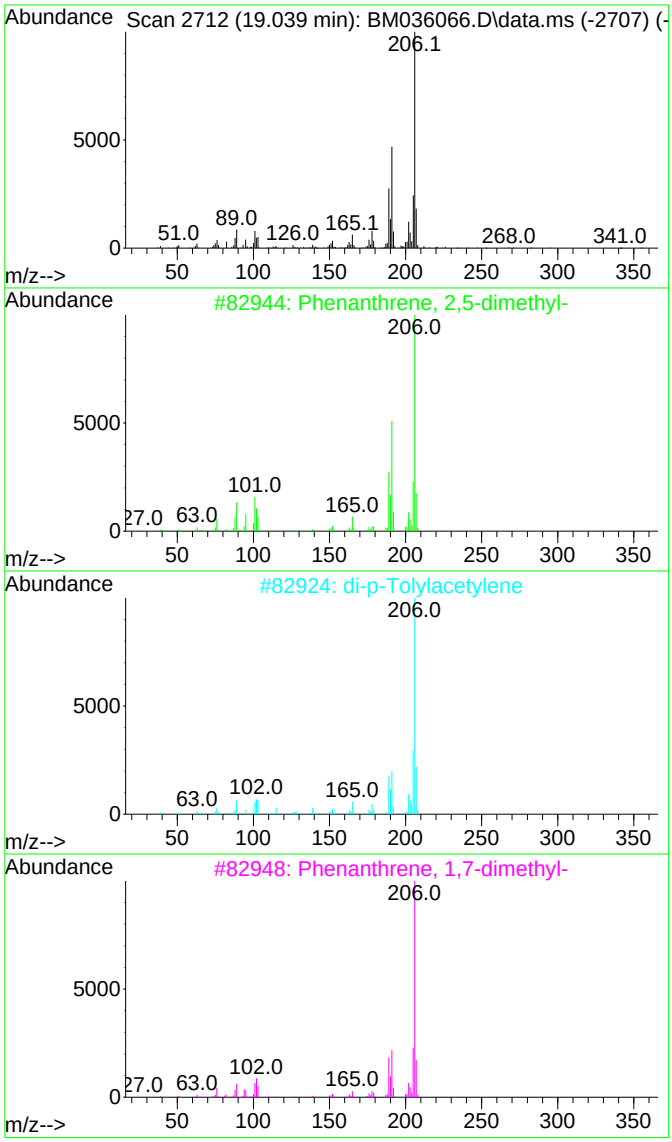
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

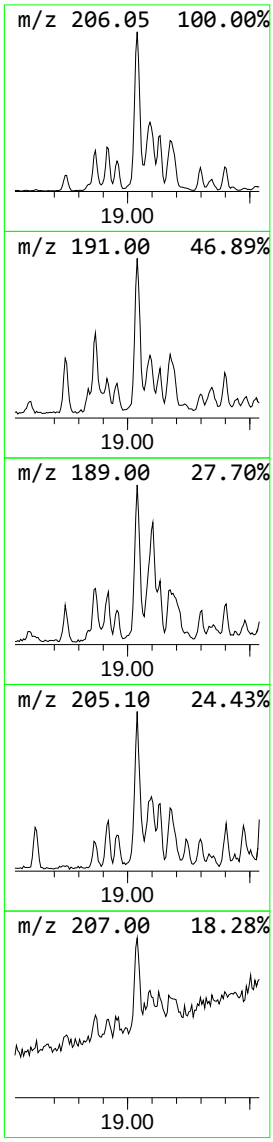
****

Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	2.39 ng	445952	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036066.D
Acq On : 02 Aug 2022 23:56
Operator : CG/JU
Sample : N3995-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

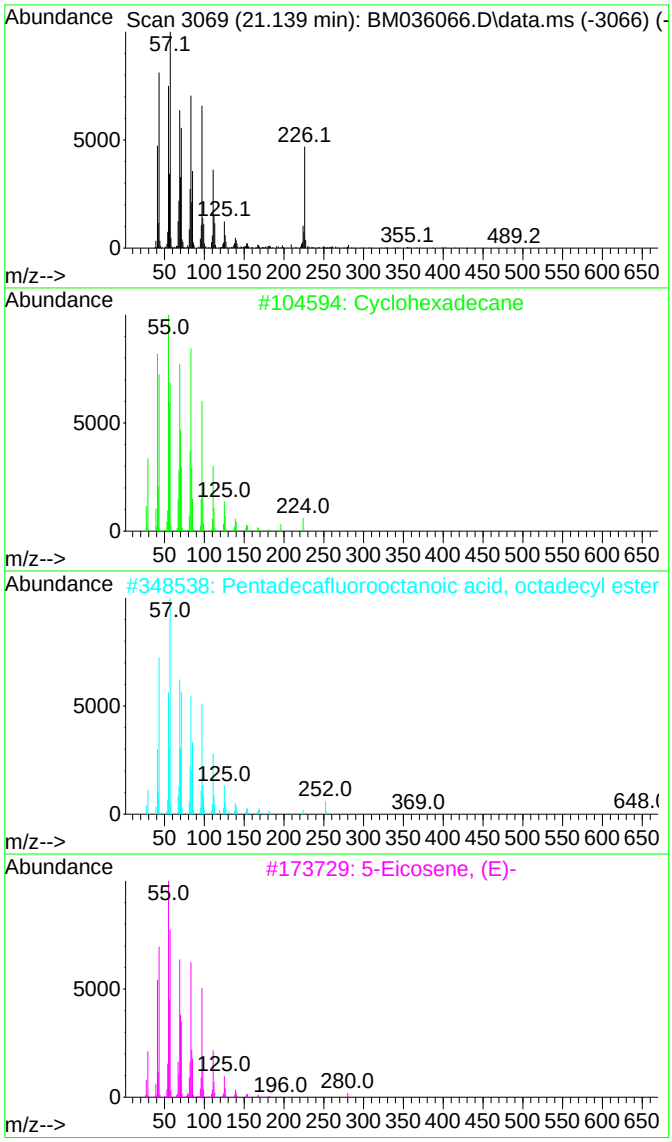
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

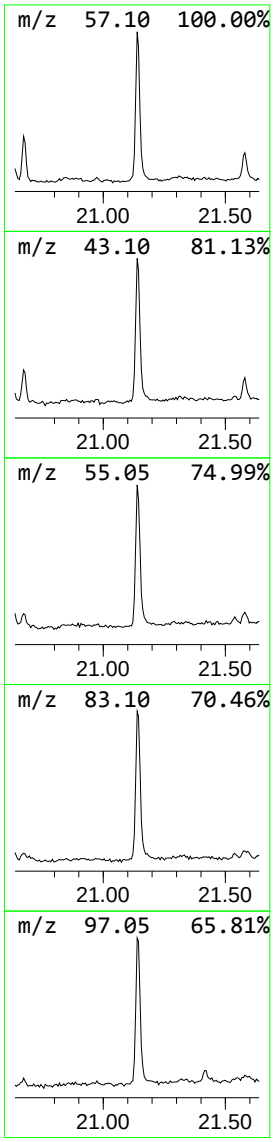
****

Peak Number 4 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	3.24 ng	1025730	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
4	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	81
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036066.D
Acq On : 02 Aug 2022 23:56
Operator : CG/JU
Sample : N3995-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

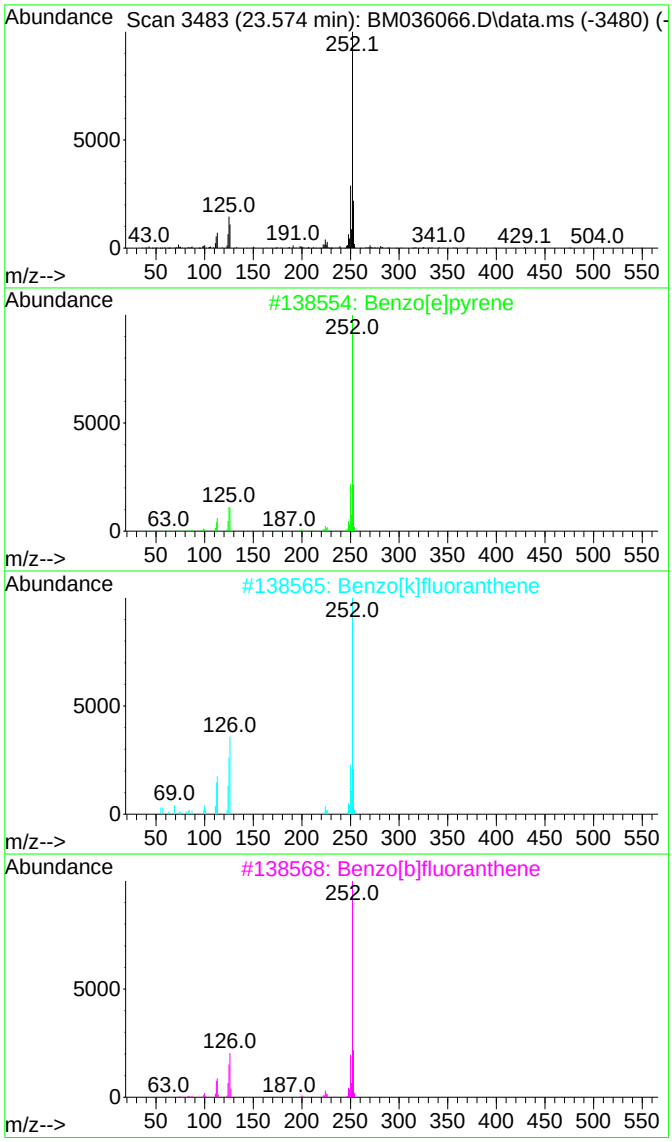
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

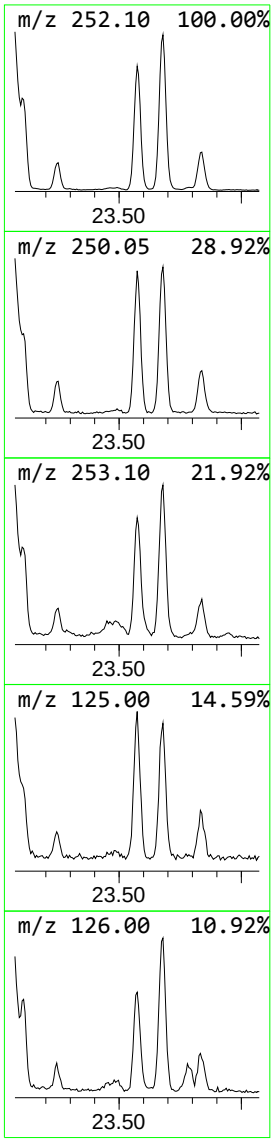
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.574	3.40 ng	738220	Perylene-d12	23.785

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036066.D
Acq On : 02 Aug 2022 23:56
Operator : CG/JU
Sample : N3995-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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
2-Pentanone, 4-...	4.969	2.6	ng	216513	1	7.869	1682190	20.0
Phenanthrene, 4...	18.309	2.8	ng	521311	4	17.245	3736230	20.0
Phenanthrene, 2...	19.039	2.4	ng	445952	4	17.245	3736230	20.0
Cyclohexadecane	21.139	3.2	ng	1025730	5	21.421	6330380	20.0
Benzo[e]pyrene	23.574	3.4	ng	738220	6	23.785	4348410	20.0