LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028505.D
Acq On : 22 Jan 2021 01:21
Operator : CG/JU
Sample : M1169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-D

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028505.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.540	393	400	411	rBV	650233	949204	76.42%	8.564%
2	7.181	671	679	691	rBV	631051	1055323	84.97%	9.521%
3	7.610	747	752	761	rBV	10109	16276	1.31%	0.147%
4	8.016	814	821	827	rBV	129492	197512	15.90%	1.782%
5	9.192	1013	1021	1028	rBV	416614	654280	52.68%	5.903%
6	10.834	1293	1300	1306	rBV	166500	268601	21.63%	2.423%
7	13.280	1710	1716	1725	rVB	757254	1104089	88.89%	9.961%
8	14.110	1851	1857	1862	rVB	51505	68542	5.52%	0.618%
9	14.380	1898	1903	1910	rBV	8319	12676	1.02%	0.114%
10	14.492	1912	1922	1927	rBV4	5283	12545	1.01%	0.113%
11	14.657	1944	1950	1957	rBV	233367	325319	26.19%	2.935%
12	15.057	2009	2018	2026	rBV3	10532	17881	1.44%	0.161%
13	16.139	2196	2202	2215	rVB	671052	927408	74.67%	8.367%
14	17.386	2408	2414	2418	rBV	261074	361770	29.13%	3.264%
15	17.427	2418	2421	2426	rVB	119241	148280	11.94%	1.338%
16	17.515	2431	2436	2442	rVB	29398	40850	3.29%	0.369%
17	18.262	2557	2563	2567	rBV2	196340	286806	23.09%	2.588%
18	18.298	2567	2569	2577	rVV	33828	66671	5.37%	0.602%
19	18.380	2580	2583	2588	rVV2	12678	22179	1.79%	0.200%
20	18.445	2588	2594	2598	rVV2	31026	60792	4.89%	0.548%
21	18.480	2598	2600	2606	rVB2	14623	18892	1.52%	0.170%
22	18.721	2637	2641	2643	rBV2	27496	31670	2.55%	0.286%
23	18.786	2649	2652	2658	rVB4	12670	18704	1.51%	0.169%
24	19.162	2711	2716	2721	rBV2	16799	32013	2.58%	0.289%
25	19.298	2735	2739	2746	rBV4	12771	22194	1.79%	0.200%
26	19.421	2755	2760	2765	rBV	287764	371974	29.95%	3.356%
27	19.521	2773	2777	2783	rBV	125237	164920	13.28%	1.488%
28	19.662	2798	2801	2809	rVB4	9118	18144	1.46%	0.164%
29	19.751	2811	2816	2817	rBV	49145	65173	5.25%	0.588%
30	19.780	2817	2821	2828	rVV	269077	349208	28.12%	3.151%
31	19.851	2829	2833	2840	rVB3	10918	19789	1.59%	0.179%
32	19.974	2848	2854	2859	rBV	969458	1242020	100.00%	11.206%
33	20.015	2859	2861	2866	rVB2	13173	18243	1.47%	0.165%
34	20.092	2870	2874	2876	rBV3	18387	28187	2.27%	0.254%
35	20.239	2893	2899	2900	rBV5	20922	32304	2.60%	0.291%
36	20.268	2901	2904	2910	rVB	41553	55463	4.47%	0.500%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028505.D
Acq On : 22 Jan 2021 01:21
Operator : CG/JU
Sample : M1169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-D

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.368	2917	2921	2924	rBV	25133	32873	2.65%	0.297%
38	20.427	2925	2931	2934	rVV2	25022	42652	3.43%	0.385%
39	20.562	2951	2954	2957	rBV	13781	16907	1.36%	0.153%
40	20.609	2959	2962	2965	rVV	12557	14412	1.16%	0.130%
41	21.003	3026	3029	3034	rBV	21425	26596	2.14%	0.240%
42	21.209	3060	3064	3068	rBV2	210471	258905	20.85%	2.336%
43	21.509	3109	3115	3119	rBV2	355990	641211	51.63%	5.785%
44	21.550	3119	3122	3132	rVB	145762	182061	14.66%	1.643%
45	23.109	3383	3387	3392	rVB	69622	113219	9.12%	1.021%
46	23.597	3466	3470	3476	rVB	64245	110765	8.92%	0.999%
47	23.697	3482	3487	3494	rVB	105364	191501	15.42%	1.728%
48	23.797	3498	3504	3509	rBV2	200635	366876	29.54%	3.310%

Sum of corrected areas: 11083880

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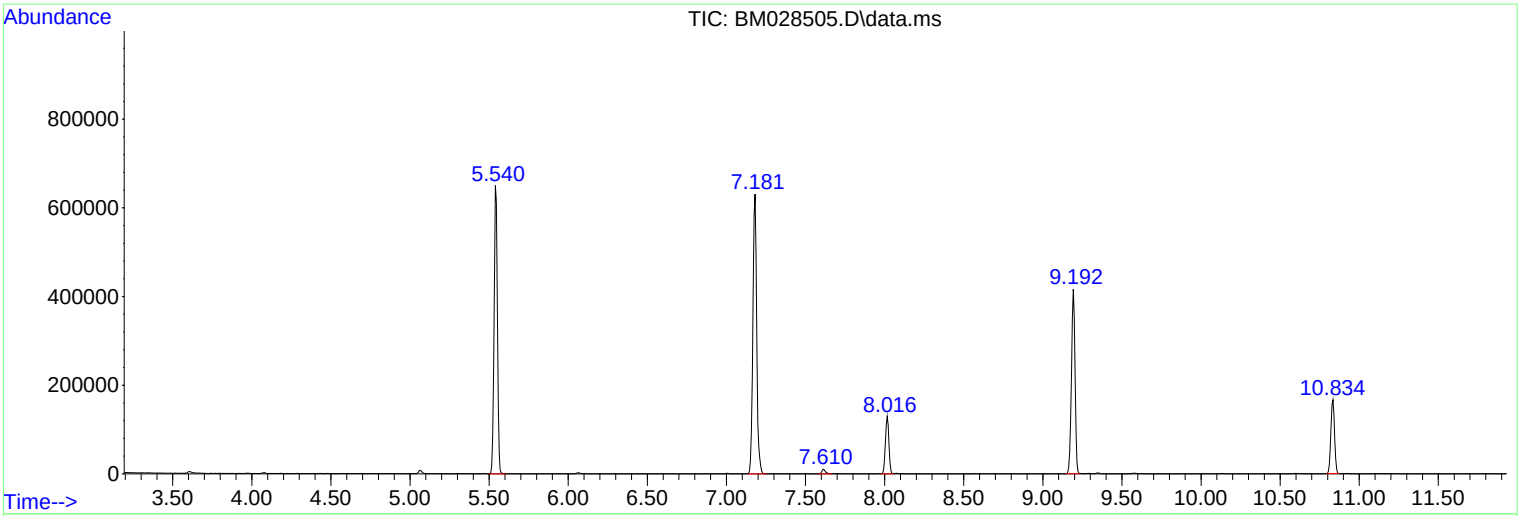
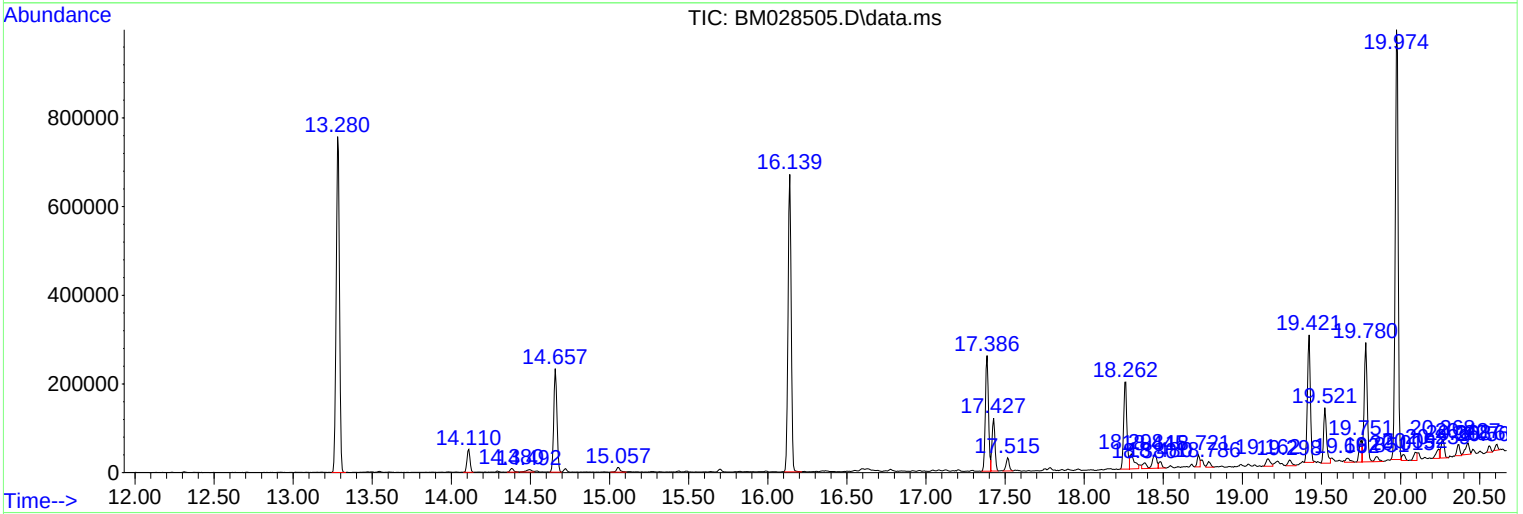
Misc :
ALS Vial : 16 Sample Multiplier: 1

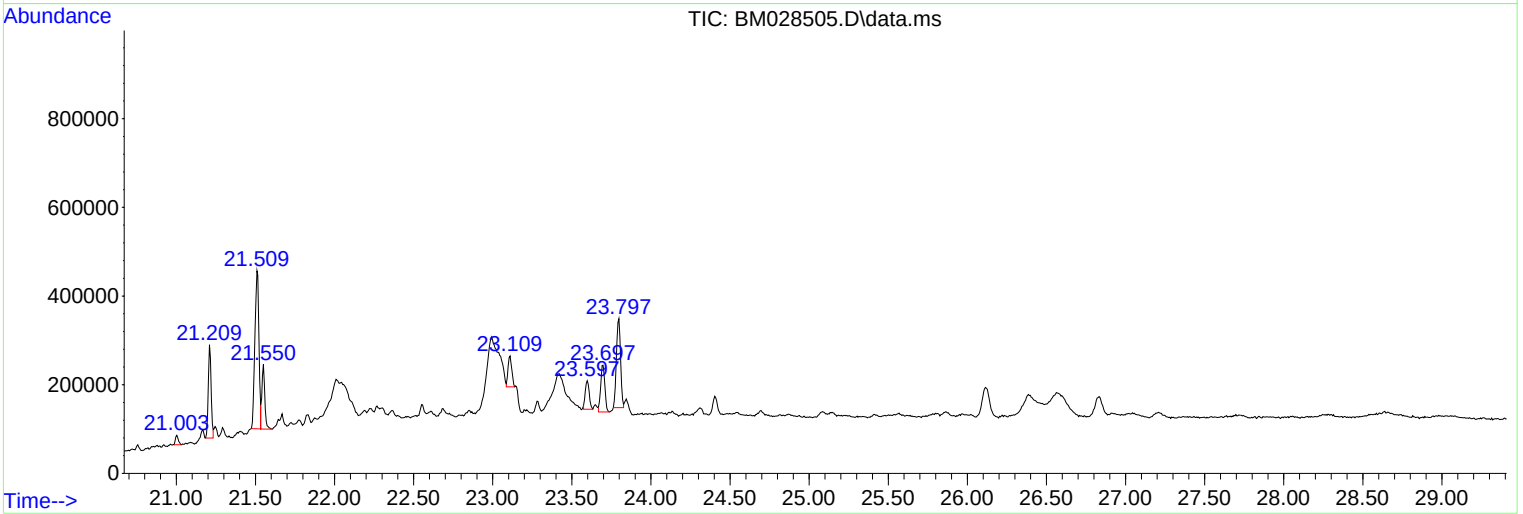
Instrument :
BNA_M
ClientSampleId :
TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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_M\Data\BM012121\
Data File : BM028505.D
Acq On : 22 Jan 2021 01:21
Operator : CG/JU
Sample : M1169-01
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Instrument : BNA_M
ClientSampleId : TP-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

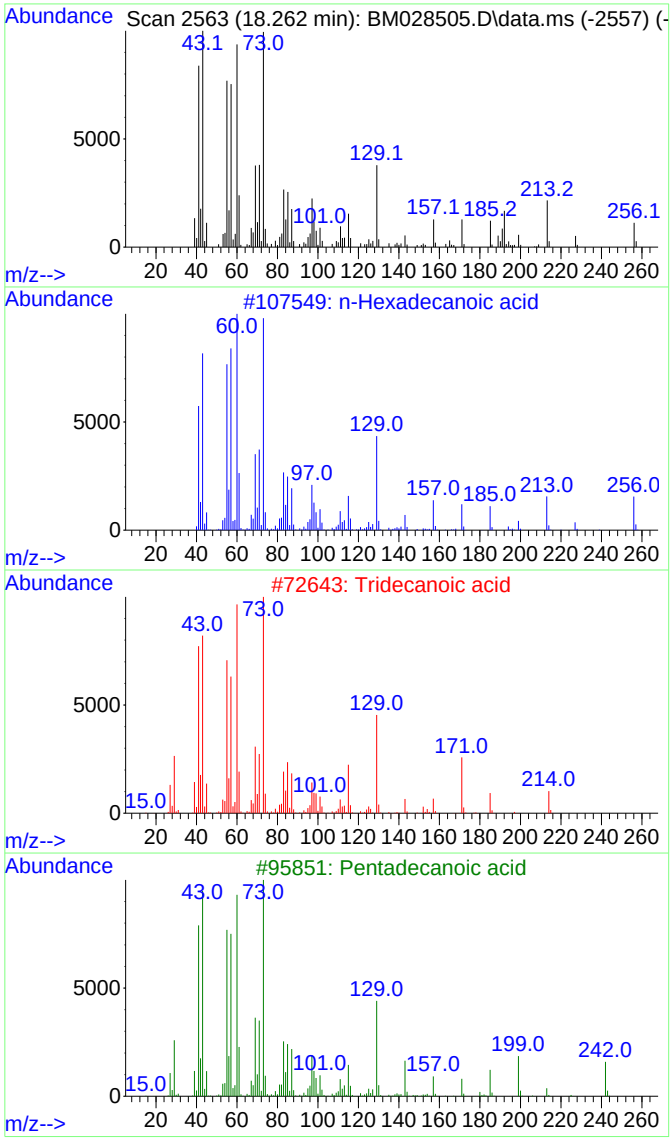
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

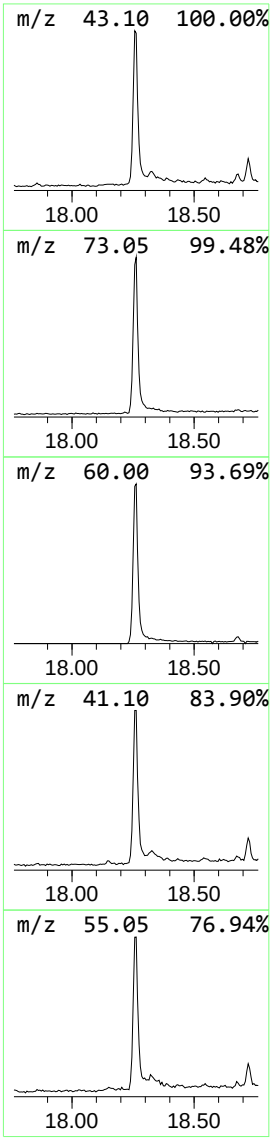
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	15.86 ng	286806	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028505.D
Acq On : 22 Jan 2021 01:21
Operator : CG/JU
Sample : M1169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-D

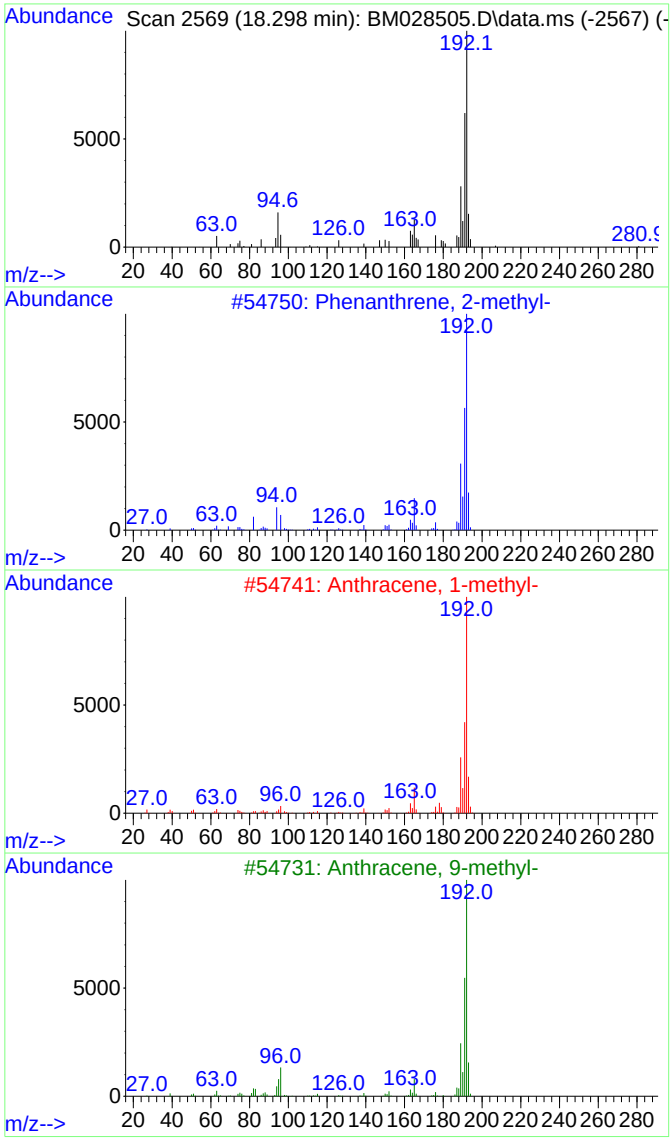
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

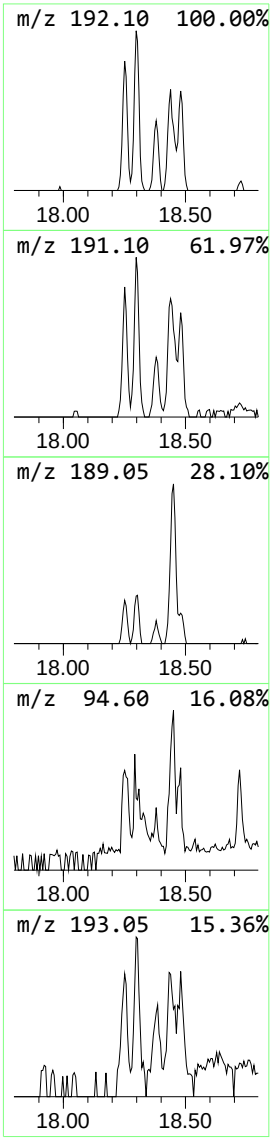
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	3.69 ng	66671	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028505.D
Acq On : 22 Jan 2021 01:21
Operator : CG/JU
Sample : M1169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

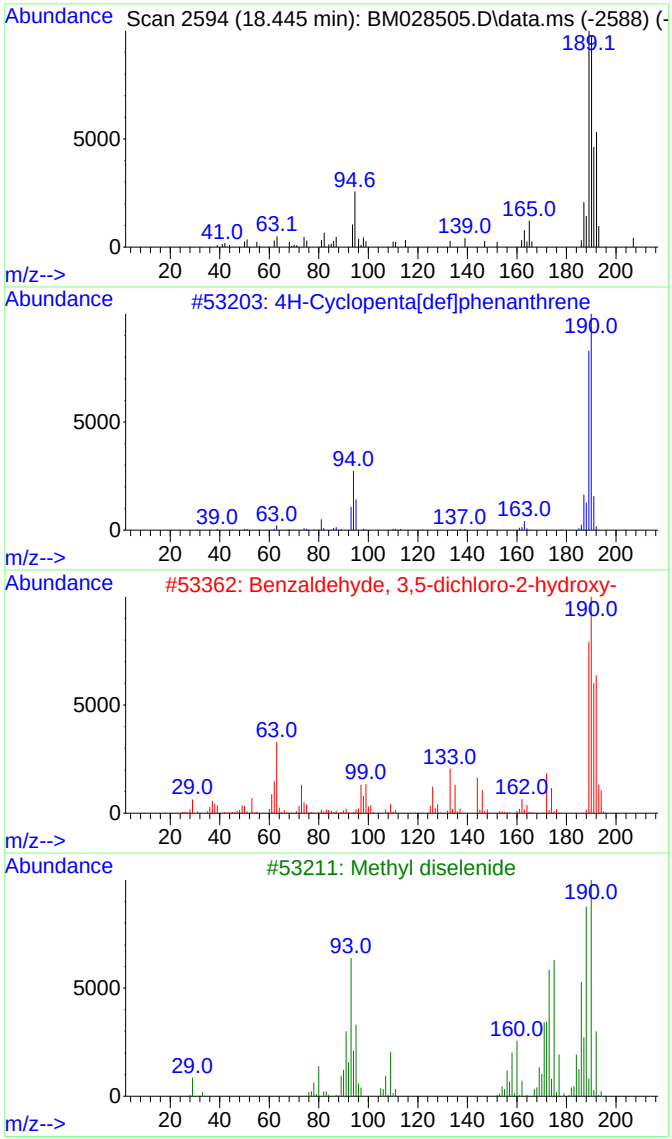
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

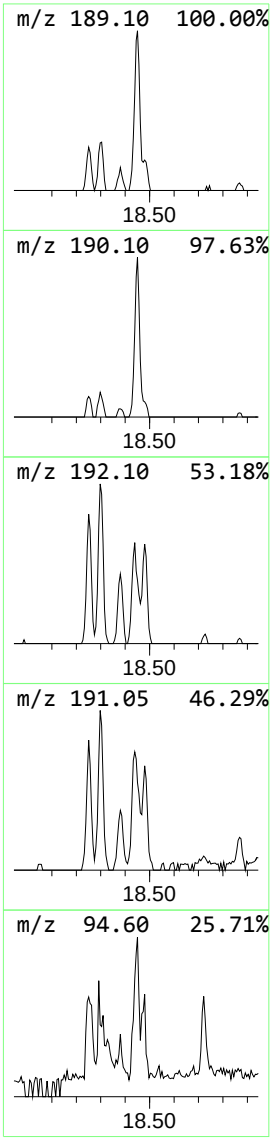
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	3.36 ng	60792	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	27
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028505.D
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Operator : CG/JU
Sample : M1169-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

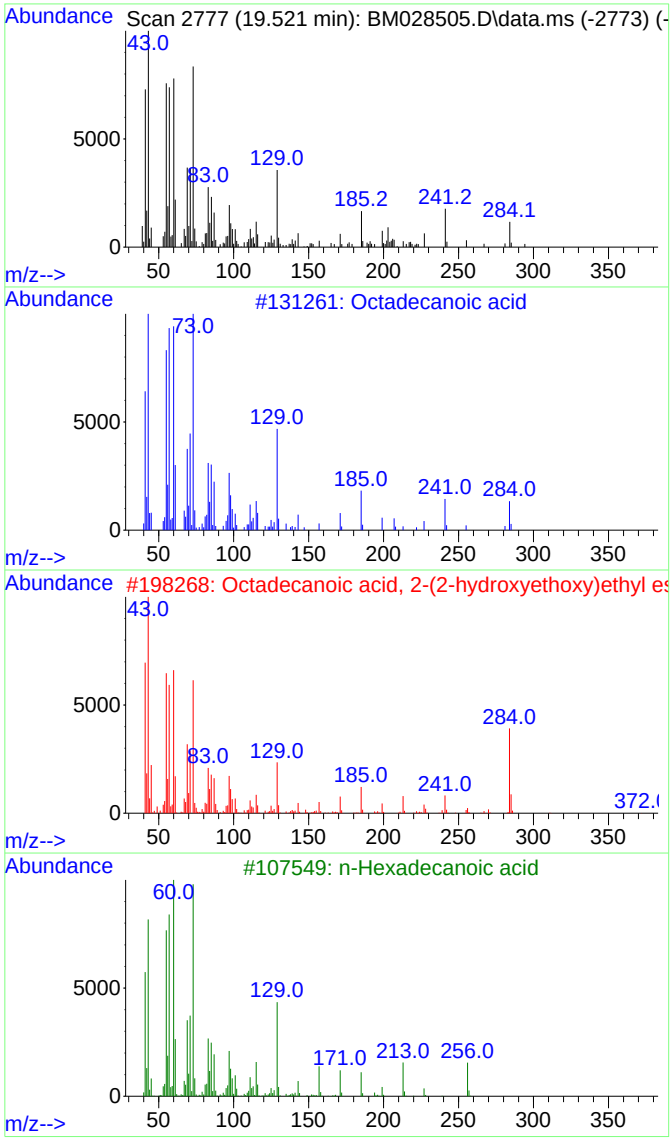
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

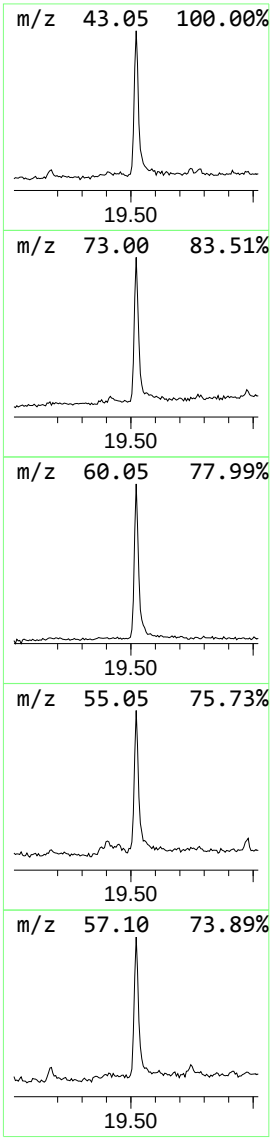
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.521	5.14 ng	164920	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

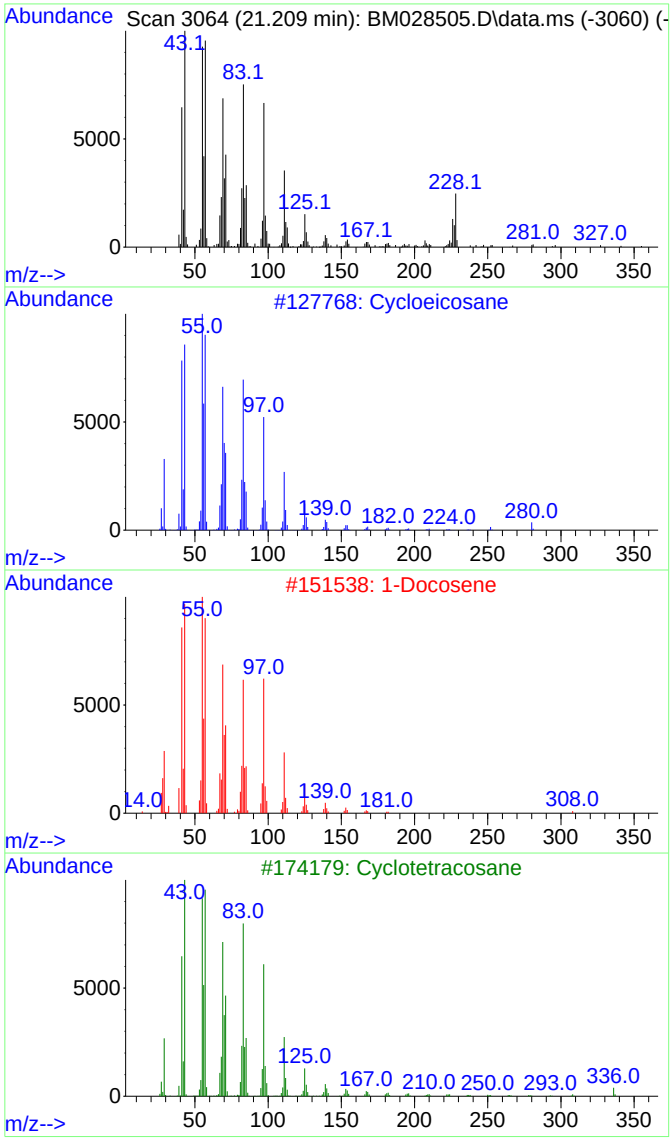
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

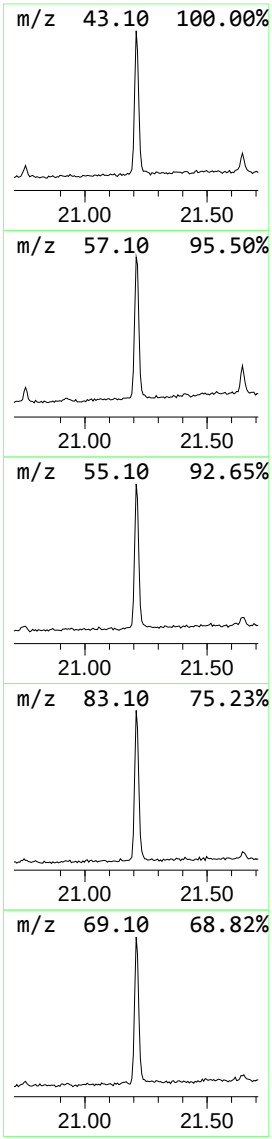
****

Peak Number 5 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.209	8.08 ng	258905	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	1-Docosene	308	C22H44	001599-67-3	93
3	Cyclotetracosane	336	C24H48	000297-03-0	93
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





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Instrument : BNA_M
ClientSampleId : TP-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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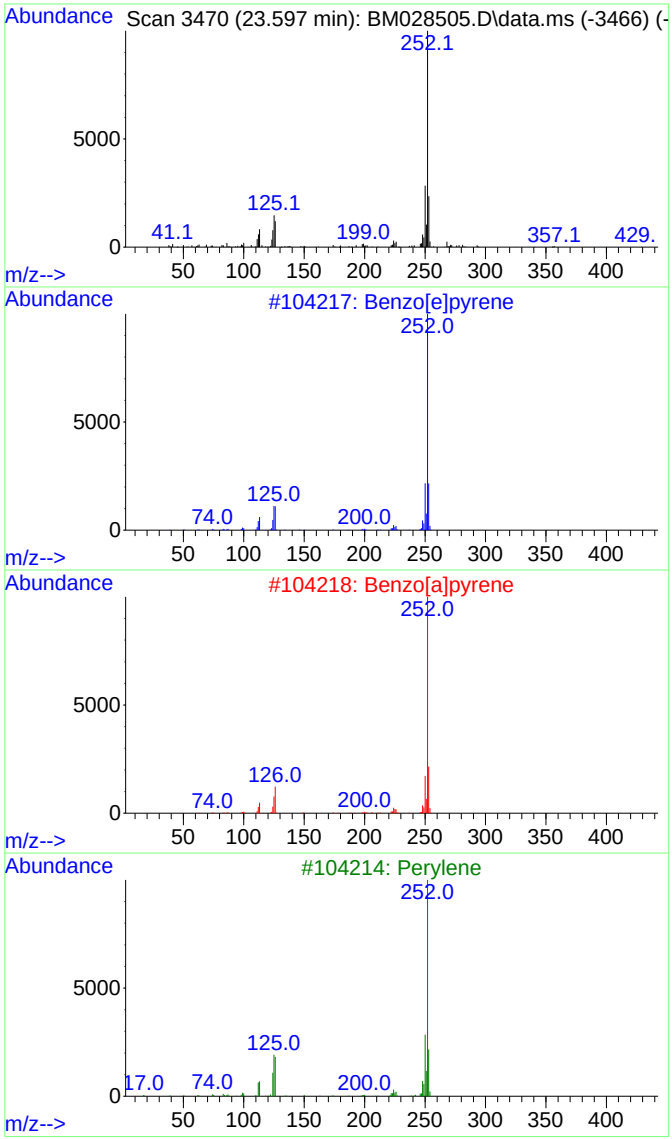
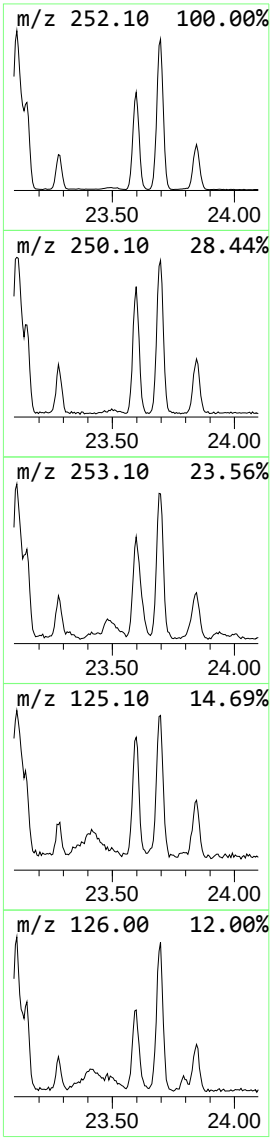
Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.597	6.04 ng	110765	Perylene-d12	23.797

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
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Instrument : BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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 ...	18.262	15.9	ng	286806	4	17.386	361770	20.0
Phenanthrene, 2...	18.298	3.7	ng	66671	4	17.386	361770	20.0
4H-Cyclopenta[d...	18.445	3.4	ng	60792	4	17.386	361770	20.0
Octadecanoic acid	19.521	5.1	ng	164920	5	21.515	641211	20.0
Cycloeicosane	21.209	8.1	ng	258905	5	21.515	641211	20.0
Benzo[e]pyrene	23.597	6.0	ng	110765	6	23.797	366876	20.0