LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019824.D
Acq On : 22 Feb 2024 14:58
Operator : MA/JU
Sample : P1547-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-022024

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019824.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.628	89	92	101	rBV	13148	21651	1.31%	0.128%
2	5.470	395	405	417	rBV	409510	630847	38.11%	3.743%
3	7.064	670	676	690	rBV	350313	634864	38.35%	3.766%
4	7.893	810	817	829	rVB	205412	335025	20.24%	1.988%
5	9.063	1007	1016	1031	rBV	241700	442755	26.74%	2.627%
6	10.693	1283	1293	1299	rBV	366193	657711	39.73%	3.902%
7	10.746	1299	1302	1307	rVB	23713	38345	2.32%	0.227%
8	12.357	1569	1576	1582	rVB	14859	26154	1.58%	0.155%
9	12.575	1607	1613	1623	rVB	18158	36022	2.18%	0.214%
10	13.157	1702	1712	1728	rBV	659579	1090652	65.88%	6.471%
11	13.357	1742	1746	1752	rVB6	9443	17048	1.03%	0.101%
12	13.704	1798	1805	1813	rBV5	10926	29611	1.79%	0.176%
13	13.851	1824	1830	1835	rBV2	21101	40206	2.43%	0.239%
14	13.904	1835	1839	1843	rVV2	11809	17157	1.04%	0.102%
15	14.251	1893	1898	1905	rBV	64717	104576	6.32%	0.620%
16	14.475	1931	1936	1939	rBV	30970	52584	3.18%	0.312%
17	14.528	1939	1945	1951	rVV	434758	672660	40.63%	3.991%
18	14.593	1951	1956	1964	rVB	46815	83786	5.06%	0.497%
19	14.745	1976	1982	1989	rVB9	12912	34622	2.09%	0.205%
20	14.934	2009	2014	2022	rVB	31646	52251	3.16%	0.310%
21	15.140	2045	2049	2054	rBV4	10981	20956	1.27%	0.124%
22	15.387	2088	2091	2100	rVB3	10277	25354	1.53%	0.150%
23	15.581	2119	2124	2135	rVB	60928	107439	6.49%	0.637%
24	15.792	2156	2160	2164	rBV7	12841	19263	1.16%	0.114%
25	15.875	2171	2174	2180	rVB2	16897	26897	1.62%	0.160%
26	16.022	2193	2199	2208	rBV	653742	1026712	62.02%	6.091%
27	16.251	2234	2238	2249	rVB5	26107	61837	3.74%	0.367%
28	16.592	2288	2296	2300	rBV4	21943	54860	3.31%	0.325%
29	16.957	2352	2358	2364	rBV5	23288	70853	4.28%	0.420%
30	17.104	2379	2383	2393	rVB	48410	80568	4.87%	0.478%
31	17.287	2408	2414	2418	rBV	534584	819762	49.52%	4.863%
32	17.328	2418	2421	2429	rVV	507918	731078	44.16%	4.337%
33	17.422	2432	2437	2442	rVB	175887	246391	14.88%	1.462%
34	17.704	2481	2485	2494	rVB	32771	52421	3.17%	0.311%
35	17.869	2510	2513	2521	rVB3	23031	41799	2.52%	0.248%
36	18.157	2557	2562	2563	rBV	94868	117286	7.08%	0.696%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019824.D
Acq On : 22 Feb 2024 14:58
Operator : MA/JU
Sample : P1547-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-022024

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.186	2563	2567	2576	rVB2	244909	494977	29.90%	2.937%
38	18.281	2580	2583	2588	rVB	53146	74154	4.48%	0.440%
39	18.339	2588	2593	2597	rBV2	144049	259656	15.68%	1.540%
40	18.639	2641	2644	2648	rBV	55503	68005	4.11%	0.403%
41	18.928	2690	2693	2697	rBV2	33925	50363	3.04%	0.299%
42	19.045	2709	2713	2716	rBV	68140	111199	6.72%	0.660%
43	19.181	2732	2736	2743	rBV	85732	177343	10.71%	1.052%
44	19.298	2751	2756	2763	rBV	941001	1307098	78.95%	7.755%
45	19.422	2774	2777	2780	rBV2	99521	119844	7.24%	0.711%
46	19.651	2807	2816	2824	rBV	947309	1560600	94.26%	9.259%
47	19.851	2846	2850	2855	rBV	1350199	1647058	99.49%	9.771%
48	21.104	3061	3063	3068	rVB3	140612	169170	10.22%	1.004%
49	21.380	3104	3110	3114	rBV2	834653	1655548	100.00%	9.822%
50	21.422	3114	3117	3125	rVB	446632	638737	38.58%	3.789%

Sum of corrected areas: 16855755

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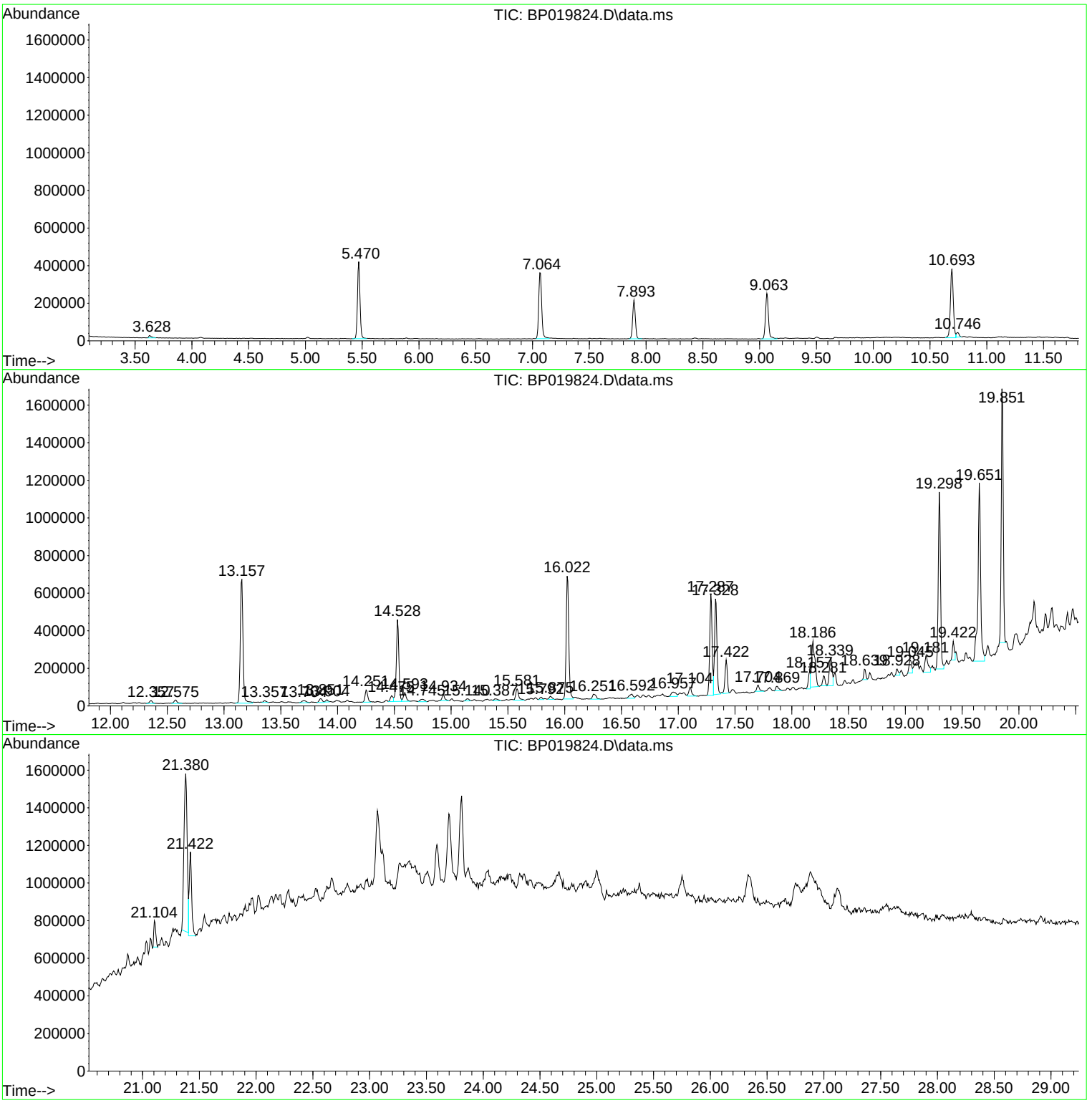
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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\BP022224\
Data File : BP019824.D
Acq On : 22 Feb 2024 14:58
Operator : MA/JU
Sample : P1547-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

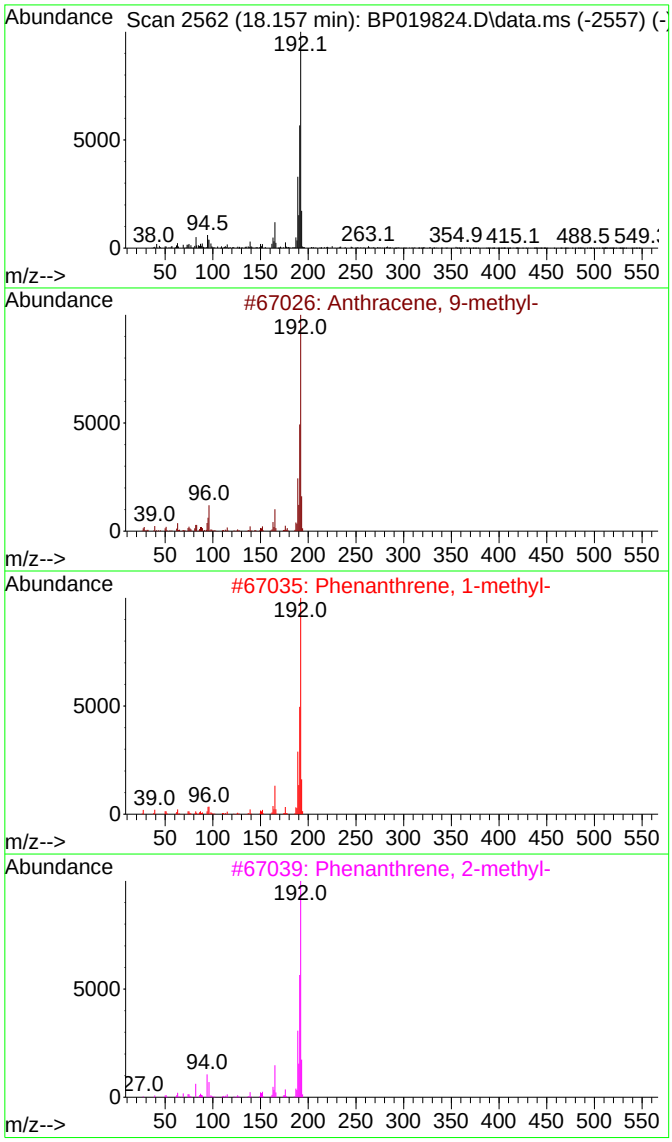
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

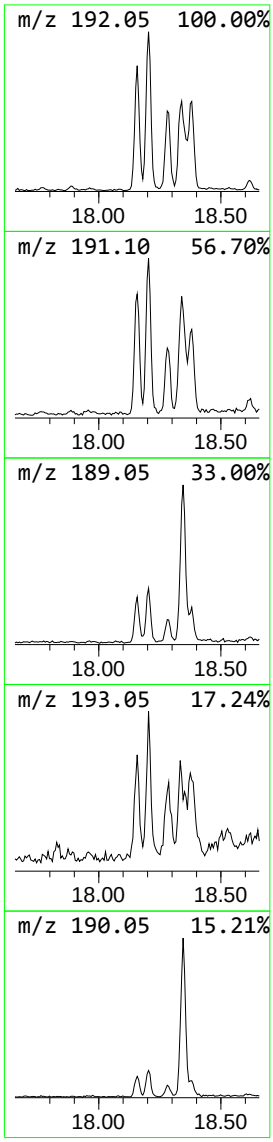
****

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	2.86 ng	117286	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019824.D
Acq On : 22 Feb 2024 14:58
Operator : MA/JU
Sample : P1547-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

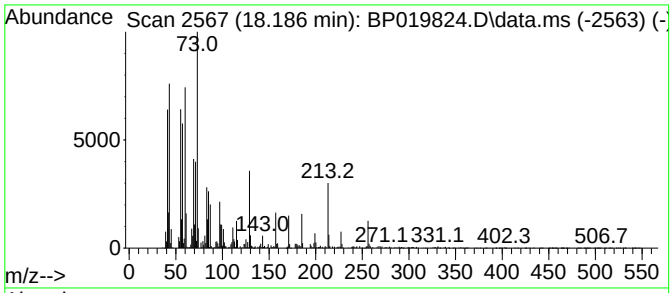
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

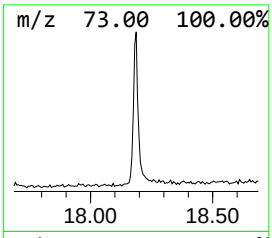
****

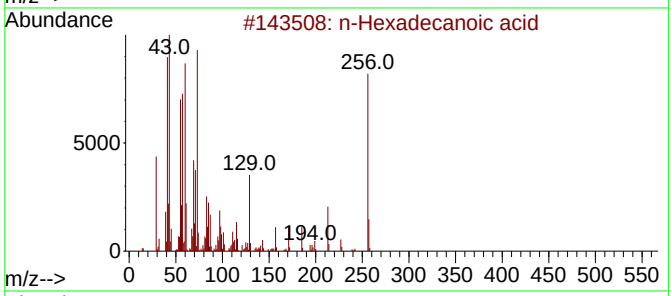
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

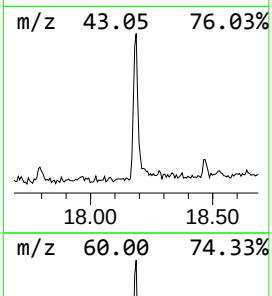
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	12.08 ng	494977	Phenanthrene-d10	17.287

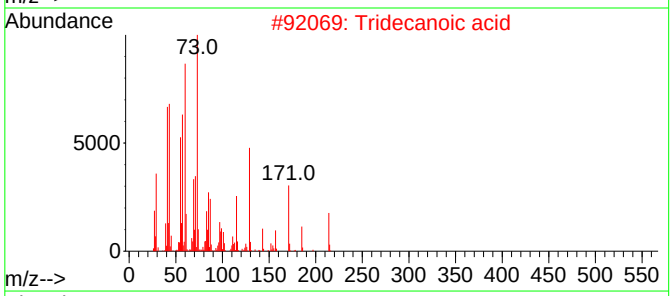
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68

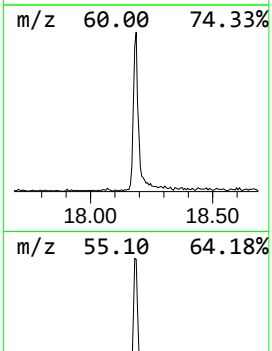


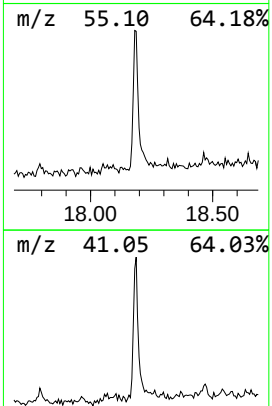


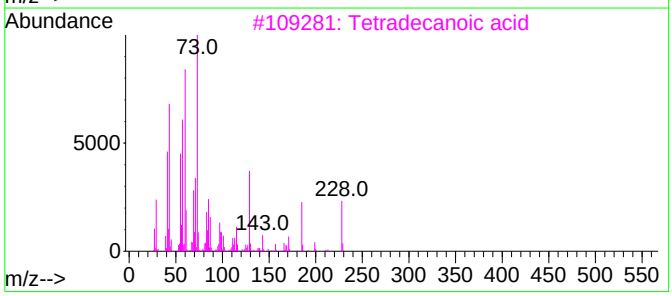












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019824.D
Acq On : 22 Feb 2024 14:58
Operator : MA/JU
Sample : P1547-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

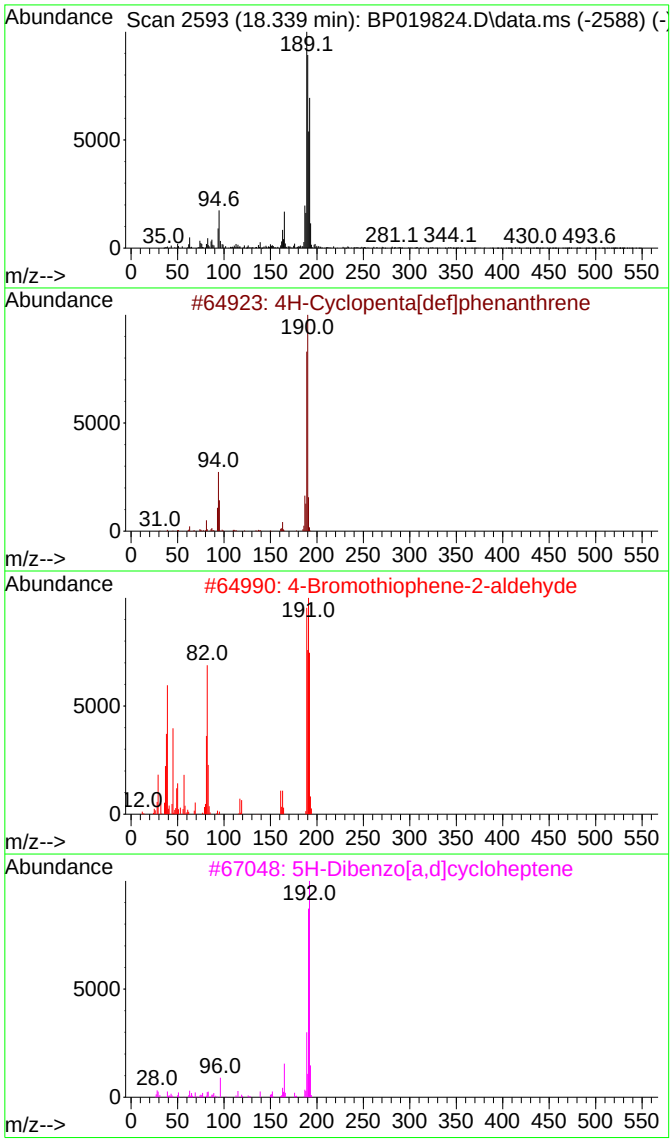
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

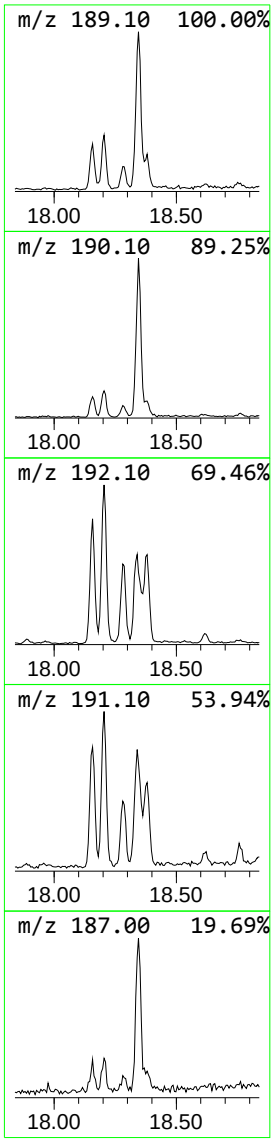
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	6.33 ng	259656	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019824.D
Acq On : 22 Feb 2024 14:58
Operator : MA/JU
Sample : P1547-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

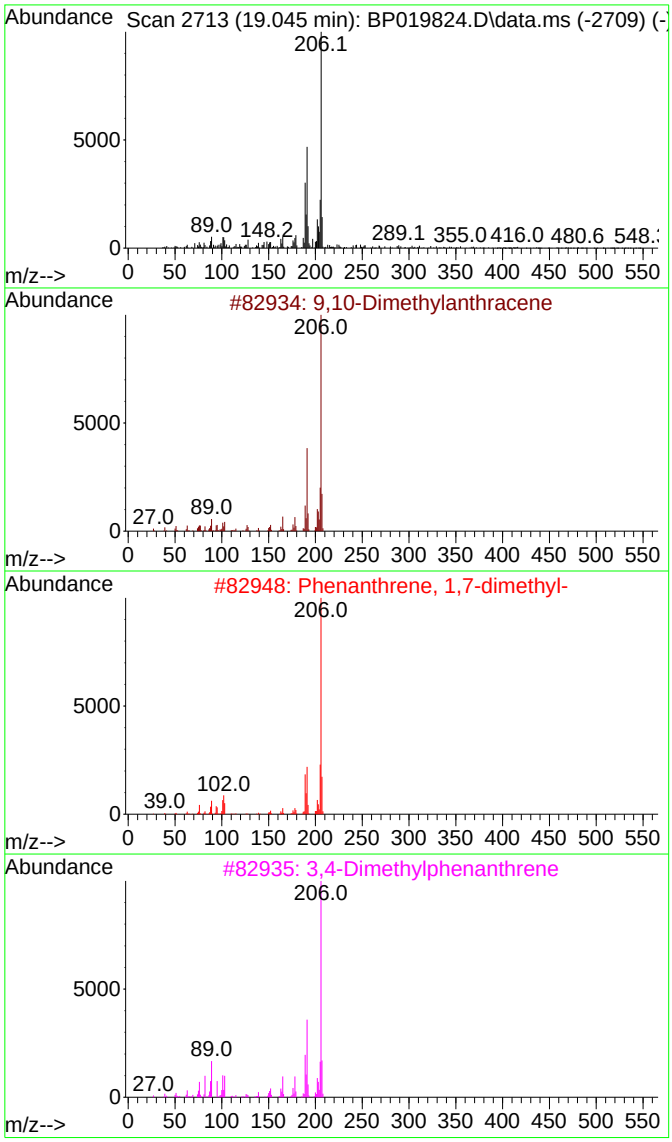
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

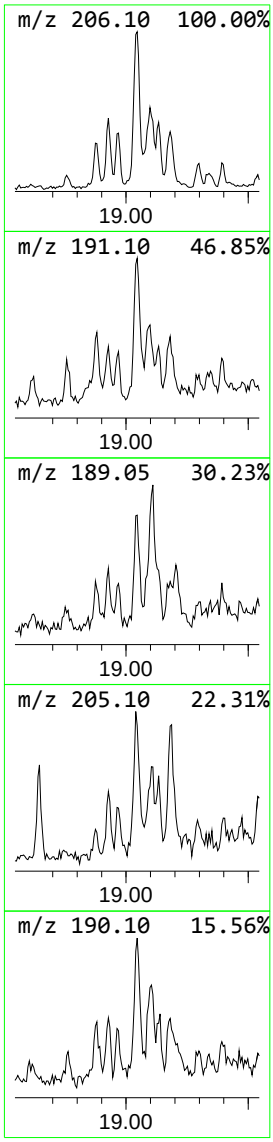
****

Peak Number 5 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	2.71 ng	111199	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	81





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

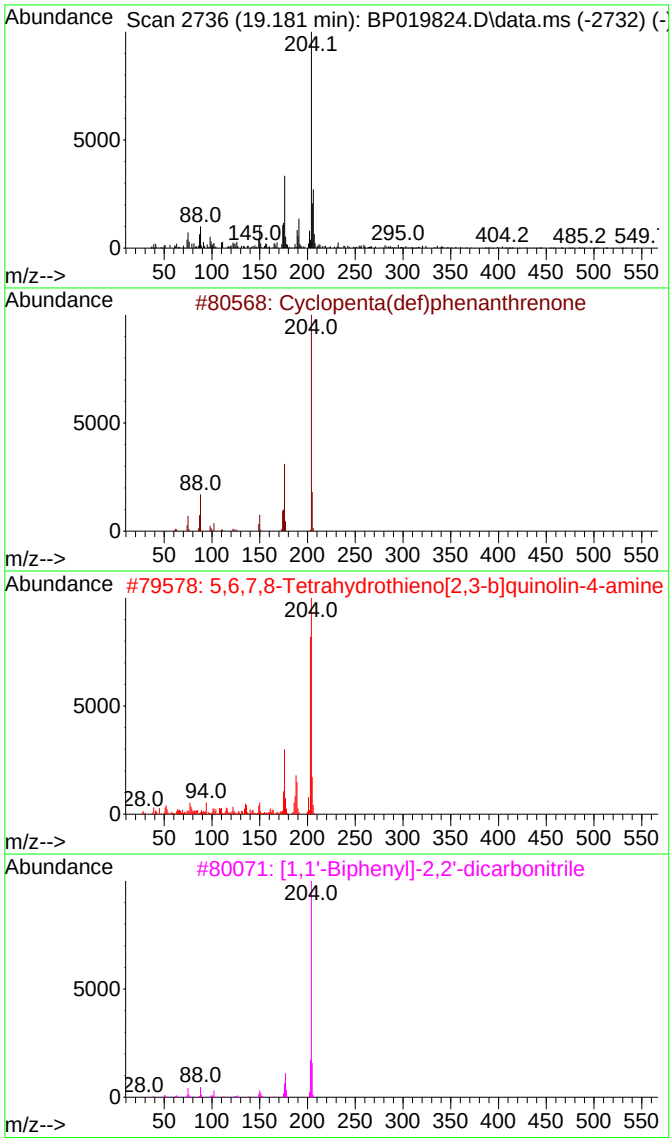
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

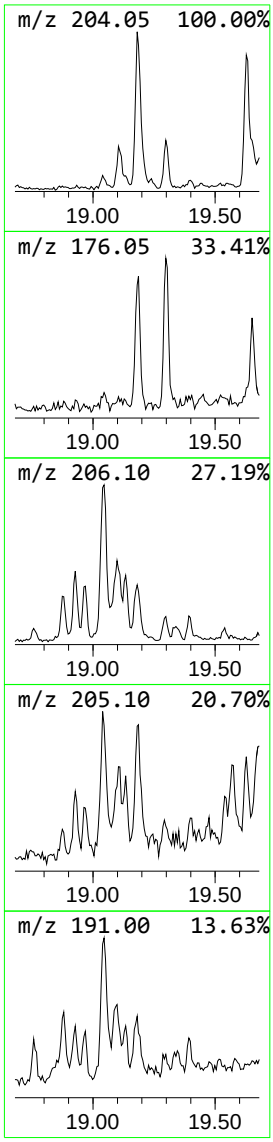
****

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	4.33 ng	177343	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019824.D
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Operator : MA/JU
Sample : P1547-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

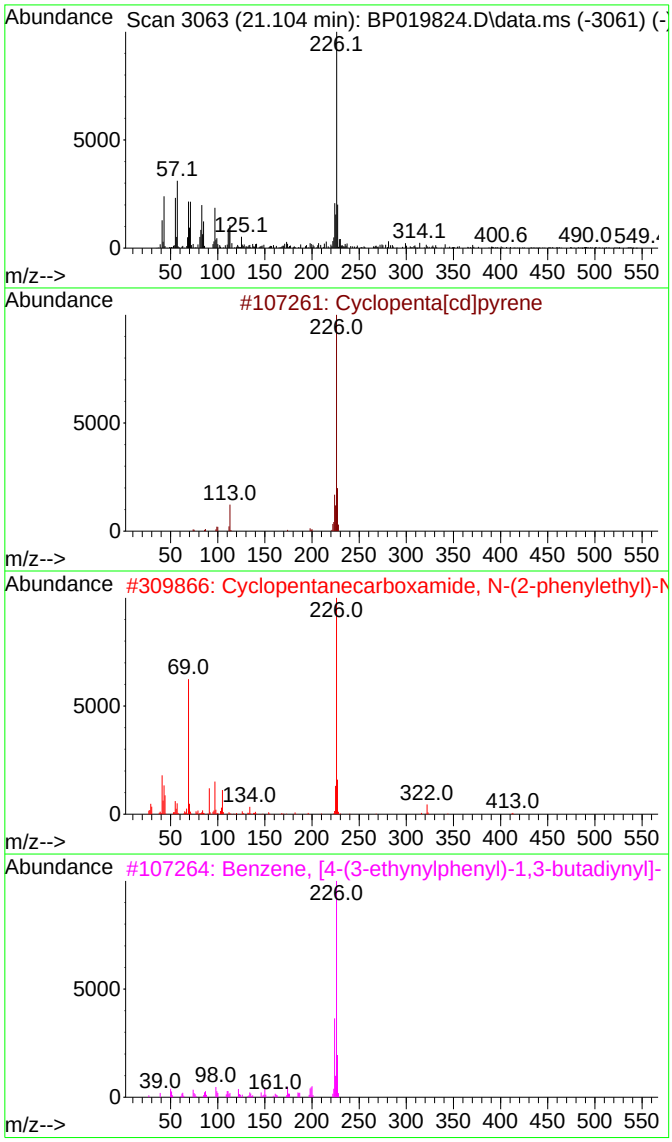
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

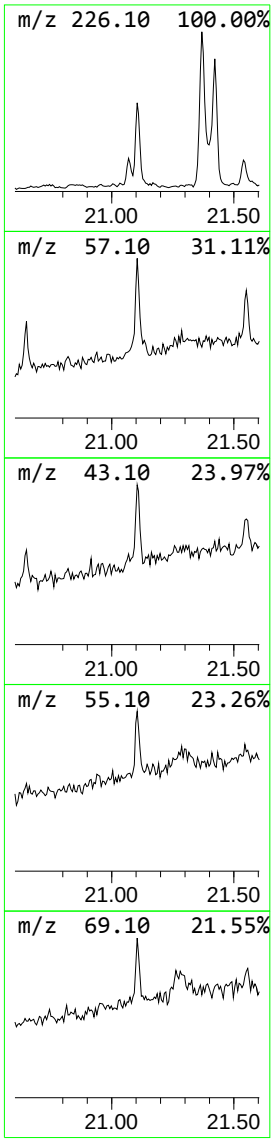
****

Peak Number 7 Cyclopenta[cd]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	2.04 ng	169170	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	59
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	53
4	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	53
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019824.D
Acq On : 22 Feb 2024 14:58
Operator : MA/JU
Sample : P1547-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-022024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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
Anthracene, 9-m...	18.157	2.9	ng	117286	4	17.287	819762	20.0
n-Hexadecanoic ...	18.186	12.1	ng	494977	4	17.287	819762	20.0
4H-Cyclopenta[d...	18.339	6.3	ng	259656	4	17.287	819762	20.0
9,10-Dimethylan...	19.045	2.7	ng	111199	4	17.287	819762	20.0
Cyclopenta(def)...	19.180	4.3	ng	177343	4	17.287	819762	20.0
Cyclopenta[cd]p...	21.104	2.0	ng	169170	5	21.380	1655550	20.0