LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005729.D
Acq On : 05 Jun 2021 01:06
Operator : CG/JU
Sample : M2589-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(2-4)

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-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005729.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.469	230	235	241	rBV	36249	50567	1.51%	0.189%
2	5.075	333	338	346	rVB	126525	188046	5.60%	0.702%
3	5.546	412	418	426	rBV	159250	246803	7.35%	0.921%
4	7.152	681	691	703	rBV	238954	410615	12.23%	1.533%
5	7.987	825	833	841	rBV	563370	905119	26.97%	3.379%
6	9.151	1024	1031	1039	rBV	168310	282235	8.41%	1.054%
7	10.793	1301	1310	1315	rBV	715509	1248827	37.21%	4.662%
8	10.846	1315	1319	1326	rVB	416290	673388	20.06%	2.514%
9	10.963	1334	1339	1346	rVB3	17276	34685	1.03%	0.129%
10	12.445	1584	1591	1598	rBV	147793	243136	7.24%	0.908%
11	12.663	1620	1628	1639	rVB	82516	138838	4.14%	0.518%
12	13.239	1719	1726	1737	rVB	516492	764216	22.77%	2.853%
13	13.445	1755	1761	1767	rBV2	57959	95274	2.84%	0.356%
14	13.645	1791	1795	1804	rVB	16836	34919	1.04%	0.130%
15	13.781	1812	1818	1819	rBV2	27503	40321	1.20%	0.151%
16	13.934	1839	1844	1849	rBV	42748	74756	2.23%	0.279%
17	13.987	1849	1853	1859	rVB	29447	46649	1.39%	0.174%
18	14.334	1907	1912	1922	rVB	62408	101003	3.01%	0.377%
19	14.504	1937	1941	1947	rBV	35894	49502	1.47%	0.185%
20	14.610	1950	1959	1965	rBV	1067385	1601987	47.73%	5.981%
21	14.675	1965	1970	1978	rVB	201184	310335	9.25%	1.159%
22	14.822	1988	1995	2003	rBV7	13412	37749	1.12%	0.141%
23	15.004	2021	2026	2033	rBV	196793	296195	8.82%	1.106%
24	15.451	2096	2102	2106	rBV2	33612	43969	1.31%	0.164%
25	15.657	2131	2137	2148	rBV	298914	452101	13.47%	1.688%
26	15.945	2182	2186	2193	rVB	52909	83231	2.48%	0.311%
27	16.098	2207	2212	2219	rVB	89812	164574	4.90%	0.614%
28	16.316	2245	2249	2251	rBV3	45454	69081	2.06%	0.258%
29	16.657	2305	2307	2311	rVB2	42117	47283	1.41%	0.177%
30	17.010	2363	2367	2374	rVB2	50580	71107	2.12%	0.265%
31	17.104	2380	2383	2387	rVB2	60516	77147	2.30%	0.288%
32	17.169	2390	2394	2404	rVB	117393	198747	5.92%	0.742%
33	17.357	2420	2426	2429	rBV	1278202	1849756	55.11%	6.906%
34	17.398	2429	2433	2439	rVB	1694540	2411054	71.83%	9.001%
35	17.486	2444	2448	2454	rVB	438730	621326	18.51%	2.320%
36	17.551	2454	2459	2463	rBV2	48087	81074	2.42%	0.303%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005729.D
Acq On : 05 Jun 2021 01:06
Operator : CG/JU
Sample : M2589-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(2-4)

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-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.751	2488	2493	2499	rBV	256156	384389	11.45%	1.435%
38	18.216	2568	2572	2576	rBV	173152	240471	7.16%	0.898%
39	18.263	2576	2580	2585	rVB	267317	350365	10.44%	1.308%
40	18.339	2589	2593	2598	rBV	104323	145805	4.34%	0.544%
41	18.404	2599	2604	2608	rBV3	284808	491623	14.65%	1.835%
42	18.692	2650	2653	2657	rBV	118287	152412	4.54%	0.569%
43	19.357	2761	2766	2771	rVB	1788322	2377807	70.84%	8.877%
44	19.674	2816	2820	2822	rBV2	333841	505918	15.07%	1.889%
45	19.704	2822	2825	2833	rVB	1483341	1919631	57.19%	7.166%
46	19.892	2853	2857	2862	rVB	956756	1162741	34.64%	4.341%
47	20.186	2904	2907	2911	rVB	330078	410451	12.23%	1.532%
48	20.280	2920	2923	2927	rBV	262222	312927	9.32%	1.168%
49	21.421	3111	3117	3121	rBV2	1797387	3356511	100.00%	12.531%
50	21.457	3121	3123	3130	rVB	688717	929612	27.70%	3.470%

Sum of corrected areas: 26786278

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
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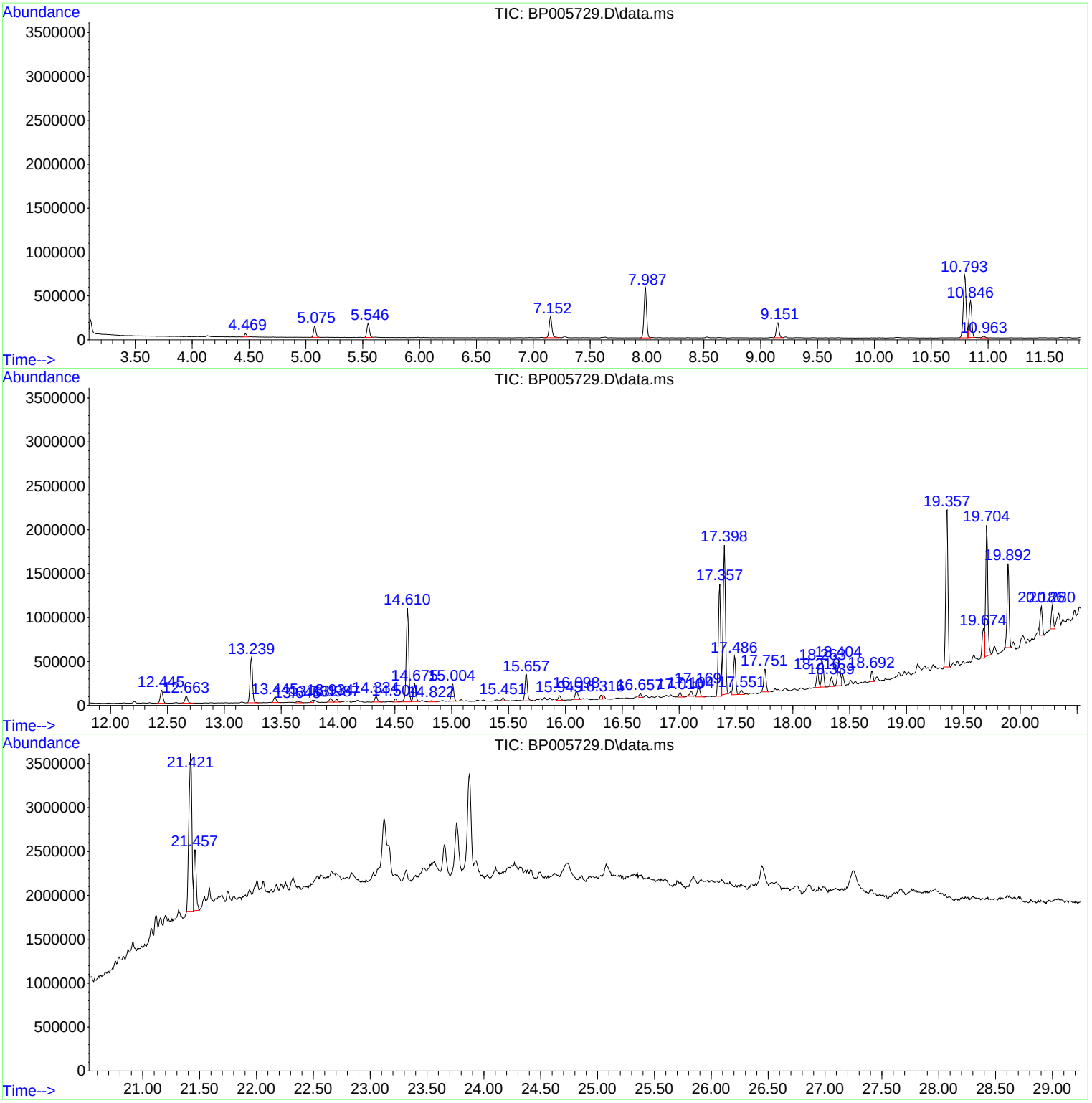
Acq On : 05 Jun 2021 01:06
Operator : CG/JU
Sample : M2589-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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\BP060421\
Data File : BP005729.D
Acq On : 05 Jun 2021 01:06
Operator : CG/JU
Sample : M2589-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

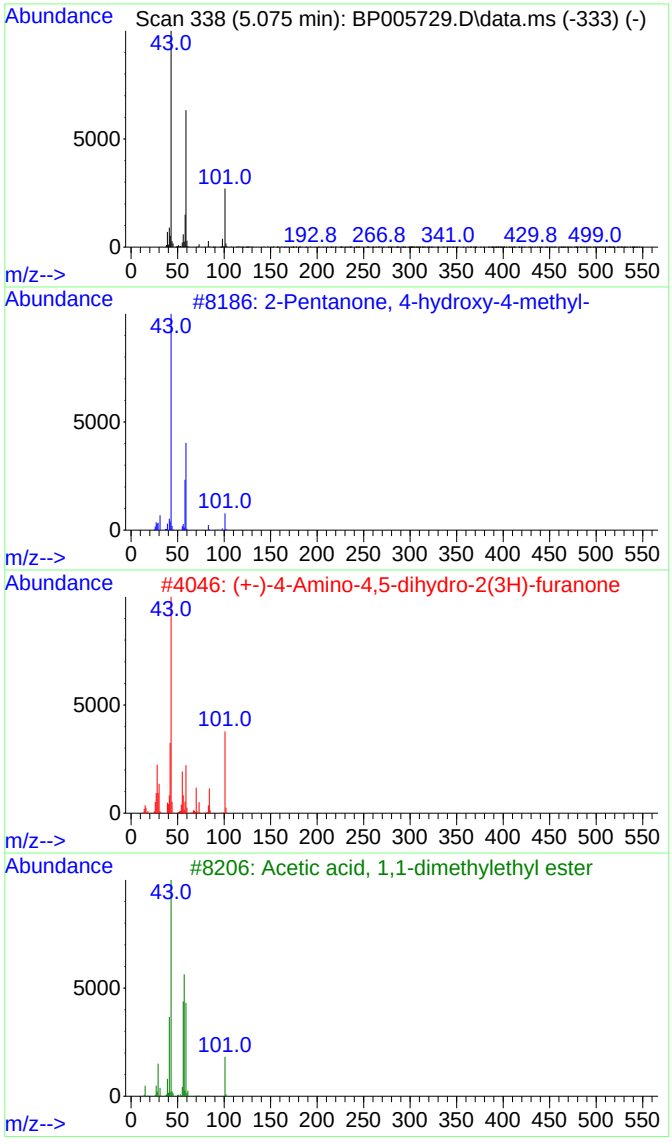
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

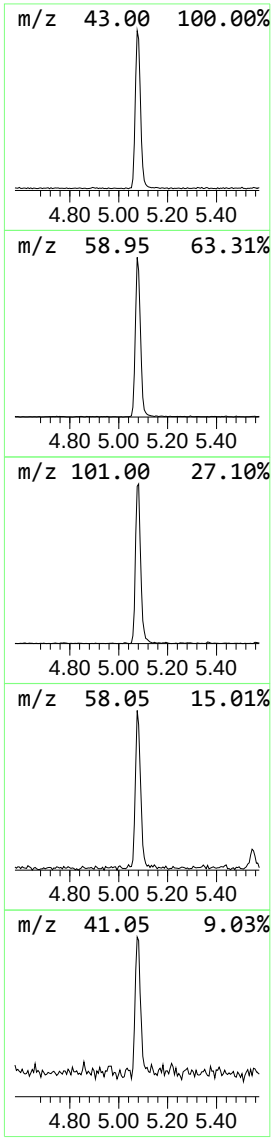
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	4.16 ng	188046	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	35
5	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005729.D
Acq On : 05 Jun 2021 01:06
Operator : CG/JU
Sample : M2589-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

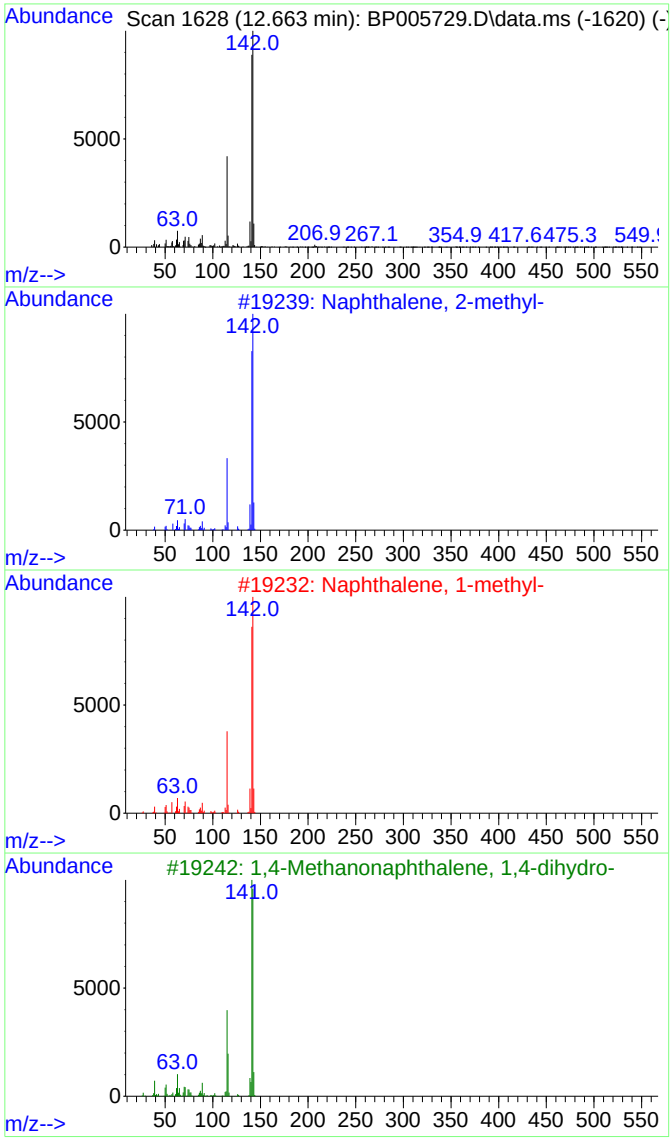
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

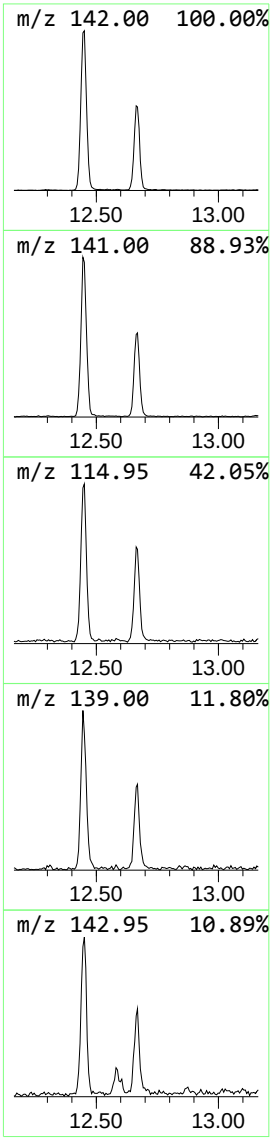
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	2.22 ng	138838	Naphthalene-d8	10.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005729.D
Acq On : 05 Jun 2021 01:06
Operator : CG/JU
Sample : M2589-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

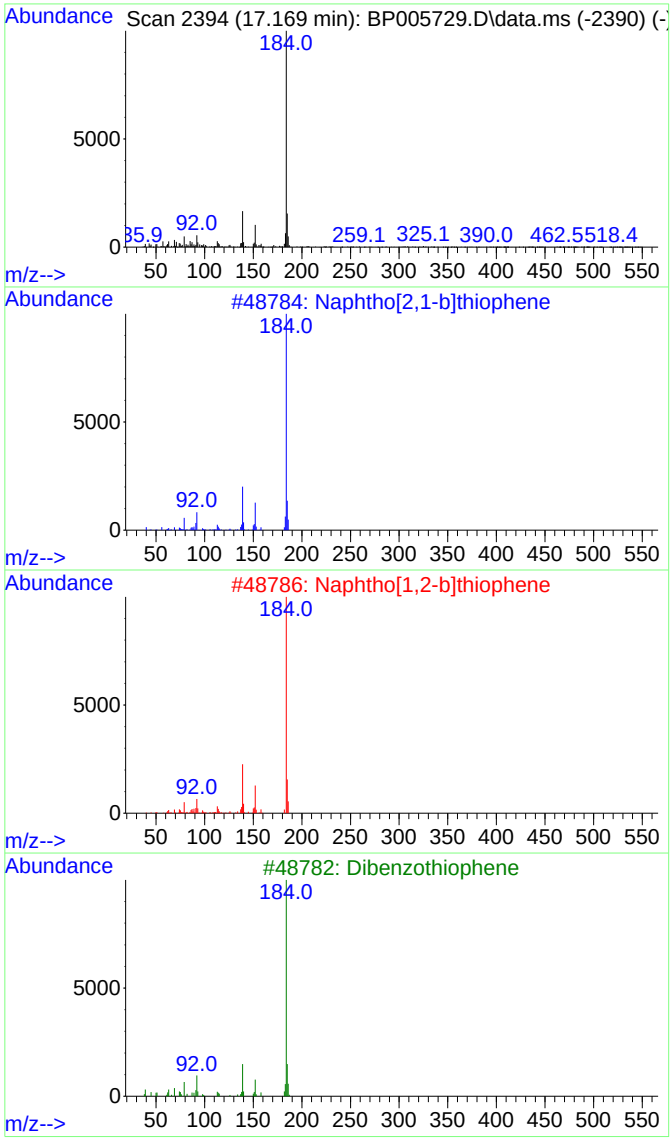
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

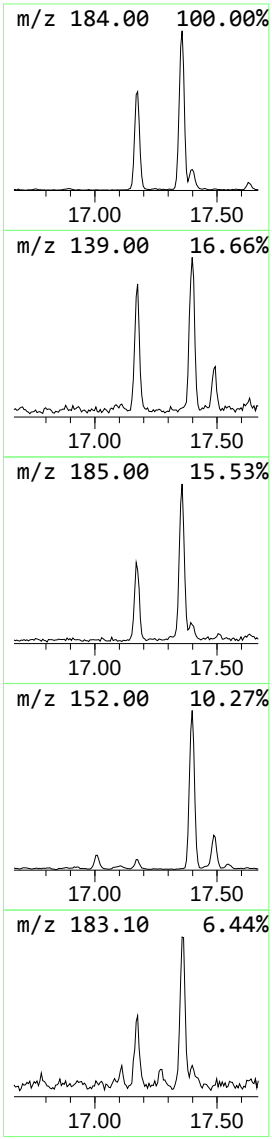
****

Peak Number 3 Naphtho[2,1-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.169	2.15 ng	198747	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005729.D
Acq On : 05 Jun 2021 01:06
Operator : CG/JU
Sample : M2589-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

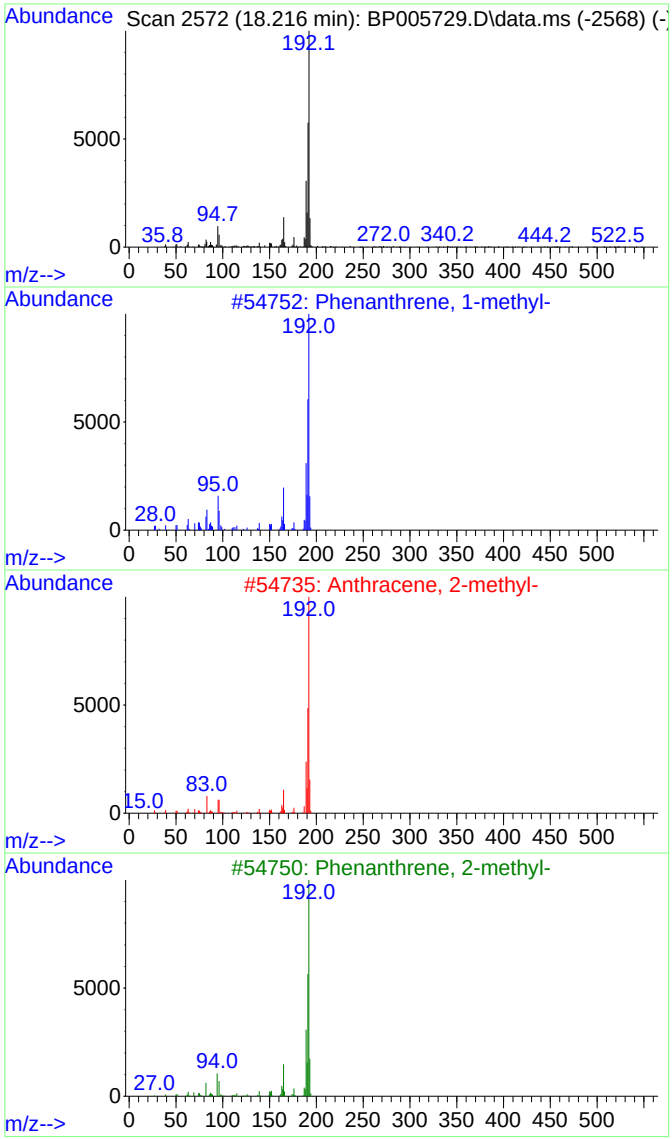
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

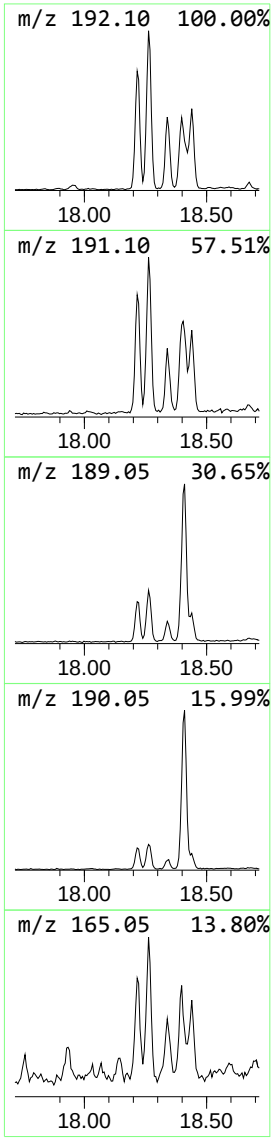
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	2.60 ng	240471	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005729.D
Acq On : 05 Jun 2021 01:06
Operator : CG/JU
Sample : M2589-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

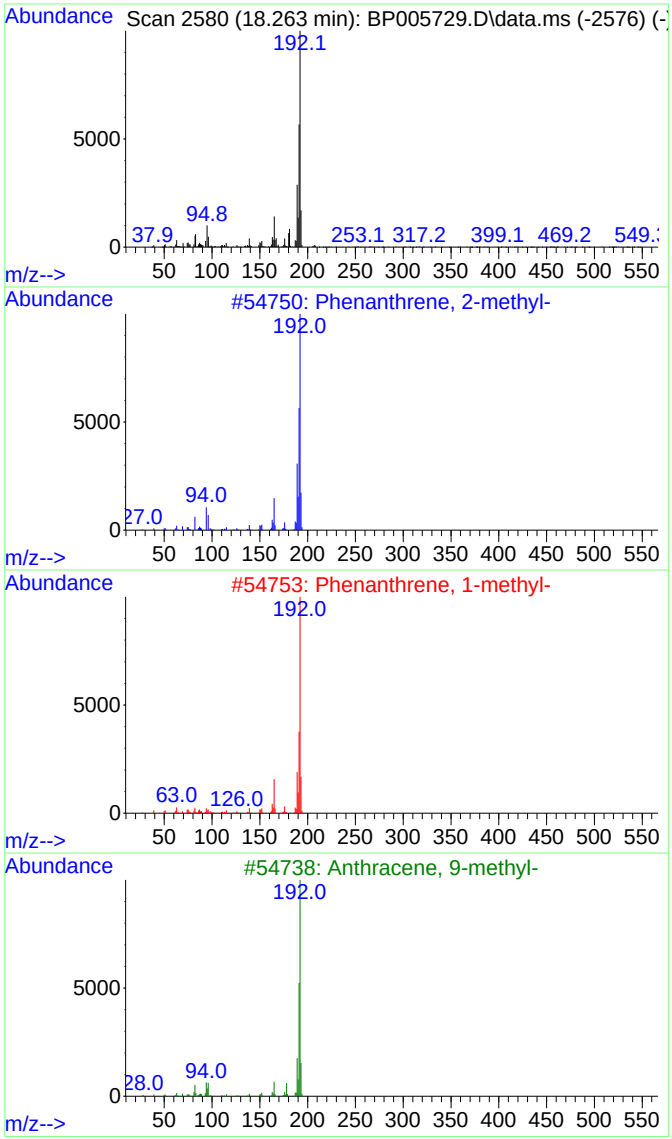
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

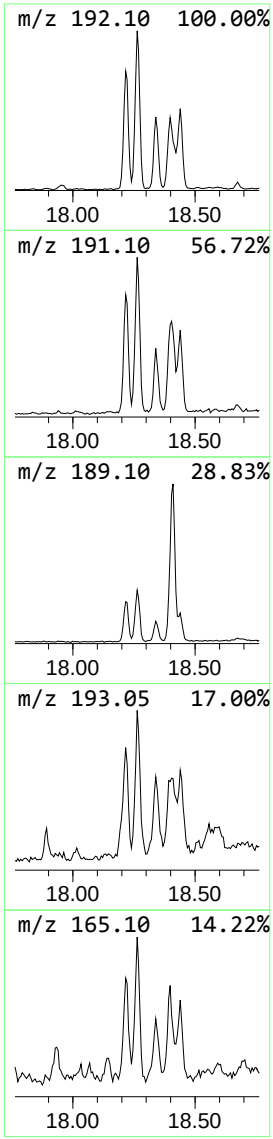
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	3.79 ng	350365	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005729.D
Acq On : 05 Jun 2021 01:06
Operator : CG/JU
Sample : M2589-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

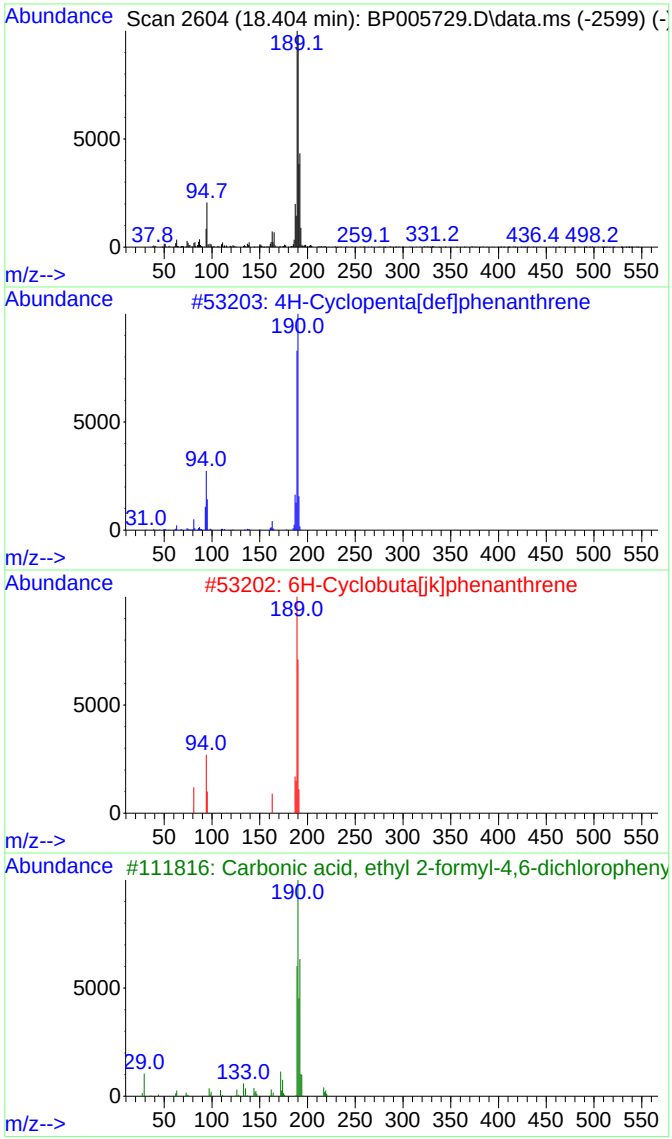
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

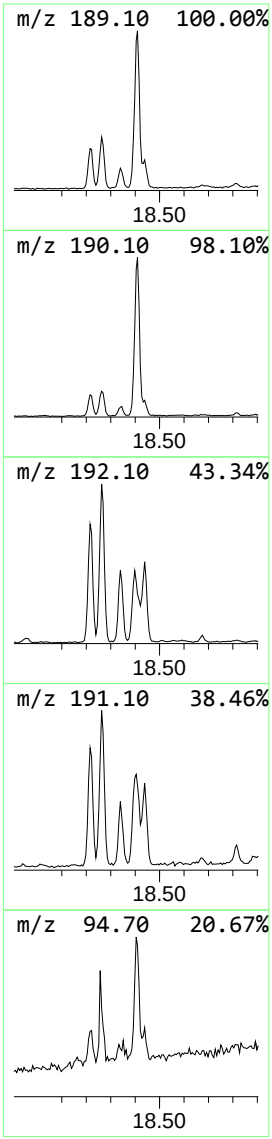
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	5.32 ng	491623	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005729.D
Acq On : 05 Jun 2021 01:06
Operator : CG/JU
Sample : M2589-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

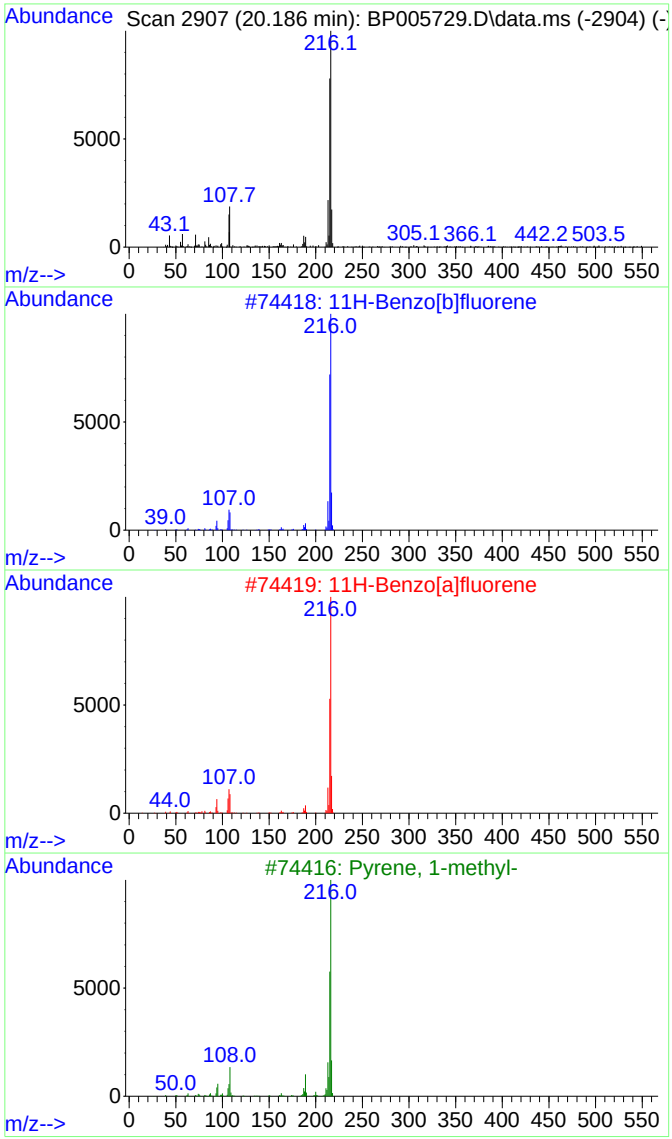
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

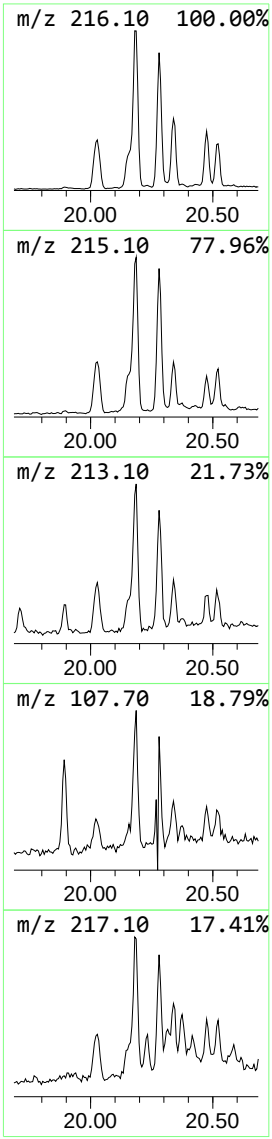
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	2.45 ng	410451	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005729.D
Acq On : 05 Jun 2021 01:06
Operator : CG/JU
Sample : M2589-05 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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
2-Pentanone, 4-...	5.075	4.2	ng	188046	1	7.987	905119	20.0
Naphthalene, 1-...	12.663	2.2	ng	138838	2	10.793	1248830	20.0
Naphtho[2,1-b]t...	17.169	2.1	ng	198747	4	17.357	1849760	20.0
Phenanthrene, 1...	18.216	2.6	ng	240471	4	17.357	1849760	20.0
Phenanthrene, 2...	18.263	3.8	ng	350365	4	17.357	1849760	20.0
4H-Cyclopenta[d...	18.404	5.3	ng	491623	4	17.357	1849760	20.0
11H-Benzo[b]flu...	20.186	2.5	ng	410451	5	21.421	3356510	20.0