LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

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-BM052419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.245	378	384	411	rBV	811024	1544947	33.71%	3.131%
2	6.840	649	655	674	rBV	876509	1699648	37.09%	3.444%
3	7.192	708	715	738	rBV	936060	1750008	38.19%	3.546%
4	7.657	788	794	812	rBV	204081	412475	9.00%	0.836%
5	7.975	841	848	863	rBV	601046	1104683	24.10%	2.239%
6	8.833	987	994	1023	rBV	439328	1002452	21.87%	2.031%
7	10.451	1262	1269	1276	rBV	244877	495511	10.81%	1.004%
8	12.927	1684	1690	1711	rBV	1170581	1959028	42.75%	3.970%
9	13.774	1827	1834	1845	rBV	105630	182642	3.99%	0.370%
10	14.315	1919	1926	1933	rBV2	528317	862398	18.82%	1.748%
11	14.374	1933	1936	1945	rVB2	32241	60363	1.32%	0.122%
12	14.939	2020	2032	2033	rBV3	35250	79824	1.74%	0.162%
13	15.368	2102	2105	2116	rVB	38046	75577	1.65%	0.153%
14	15.815	2171	2181	2202	rBV	1755246	2924400	63.81%	5.926%
15	16.033	2212	2218	2232	rVB10	37196	97273	2.12%	0.197%
16	16.809	2345	2350	2354	rBV5	30263	50419	1.10%	0.102%
17	16.892	2362	2364	2370	rVB2	38287	46008	1.00%	0.093%
18	17.068	2388	2394	2398	rBV2	898431	1374394	29.99%	2.785%
19	17.109	2398	2401	2410	rVB	466059	736656	16.07%	1.493%
20	17.204	2413	2417	2421	rBV	101509	153290	3.34%	0.311%
21	17.962	2539	2546	2549	rBV2	312973	641288	13.99%	1.300%
22	18.074	2562	2565	2570	rBV3	125461	184907	4.03%	0.375%
23	18.139	2571	2576	2580	rBV4	227476	470255	10.26%	0.953%
24	18.874	2697	2701	2706	rVB	305711	485614	10.60%	0.984%
25	19.150	2742	2748	2754	rBV	1705779	2553196	55.71%	5.174%
26	19.474	2798	2803	2804	rBV2	433552	634676	13.85%	1.286%
27	19.503	2804	2808	2816	rVV	1754542	2757155	60.16%	5.587%
28	19.574	2816	2820	2825	rVB2	264299	412695	9.01%	0.836%
29	19.703	2836	2842	2857	rVB	3413141	4582888	100.00%	9.287%
30	19.827	2857	2863	2872	rVB3	259310	721938	15.75%	1.463%
31	19.997	2888	2892	2897	rVB	654416	901103	19.66%	1.826%
32	20.097	2905	2909	2913	rBV	493193	661910	14.44%	1.341%
33	20.150	2913	2918	2922	rVV2	339605	566048	12.35%	1.147%
34	20.292	2939	2942	2946	rBV	245938	327329	7.14%	0.663%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

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-BM052419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.339	2947	2950	2962	rVB3	285172	587299	12.82%	1.190%
36	20.703	3009	3012	3016	rBV3	138597	239944	5.24%	0.486%
37	20.909	3044	3047	3050	rBV2	193827	237151	5.17%	0.481%
38	20.950	3050	3054	3058	rBV2	283995	515959	11.26%	1.046%
39	21.250	3100	3105	3110	rBV2	1931360	3858699	84.20%	7.820%
40	21.303	3110	3114	3123	rVB	1485691	2180920	47.59%	4.420%
41	21.415	3130	3133	3140	rVB	267783	343799	7.50%	0.697%
42	21.809	3197	3200	3205	rVB2	468066	666278	14.54%	1.350%
43	22.274	3277	3279	3283	rBV	136540	161322	3.52%	0.327%
44	22.780	3362	3365	3368	rVB	161507	182360	3.98%	0.370%
45	22.833	3368	3374	3379	rBV	894639	2193472	47.86%	4.445%
46	22.991	3398	3401	3410	rVB	229743	389946	8.51%	0.790%
47	23.303	3449	3454	3465	rVB	558297	1341633	29.27%	2.719%
48	23.403	3465	3471	3479	rBV	952742	1760497	38.41%	3.568%
49	23.497	3482	3487	3492	rBV	561189	1037514	22.64%	2.102%
50	25.762	3865	3872	3884	rVB	386055	1137265	24.82%	2.305%

Sum of corrected areas: 49347056

LSC Report - Integrated Chromatogram

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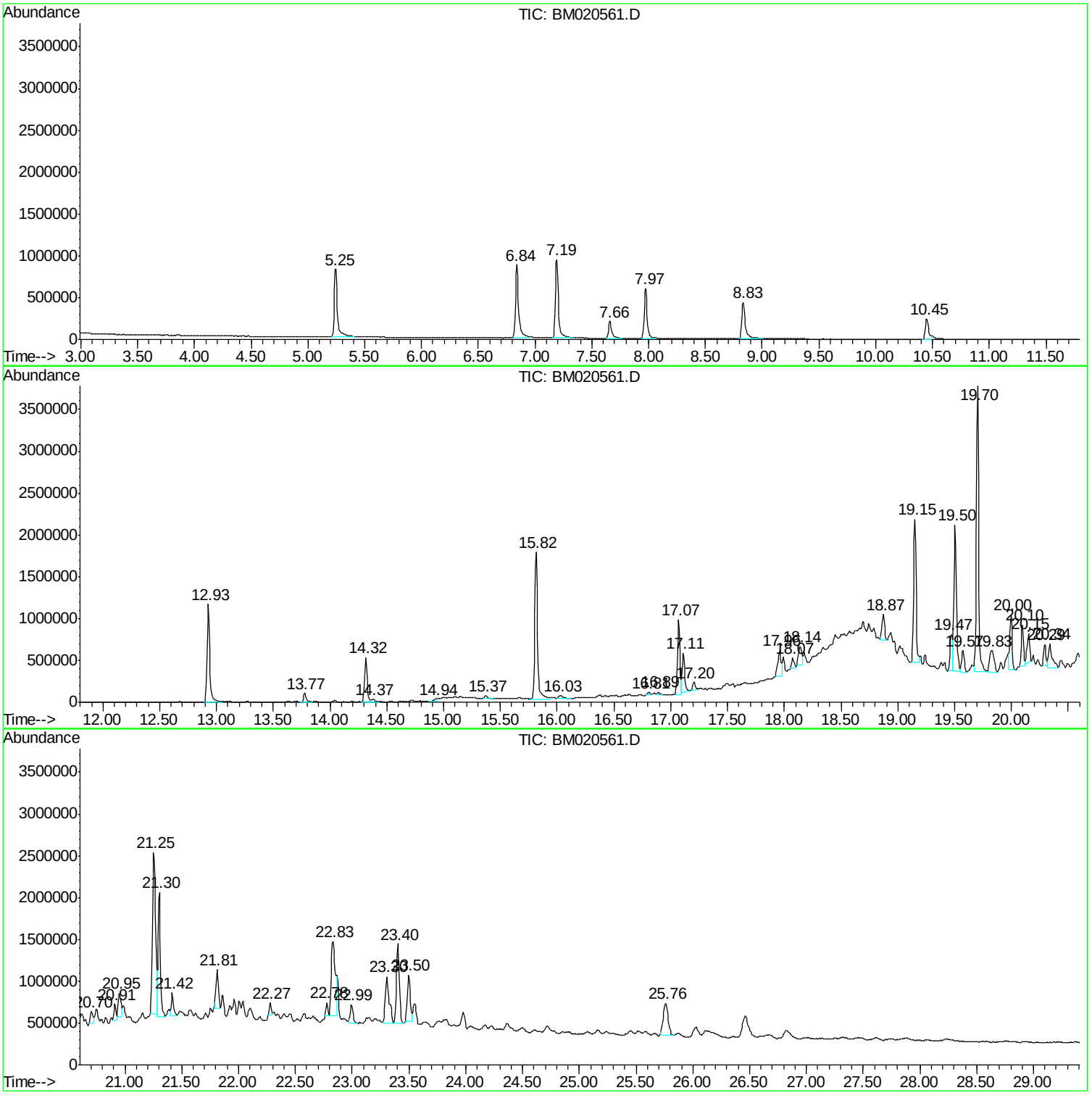
Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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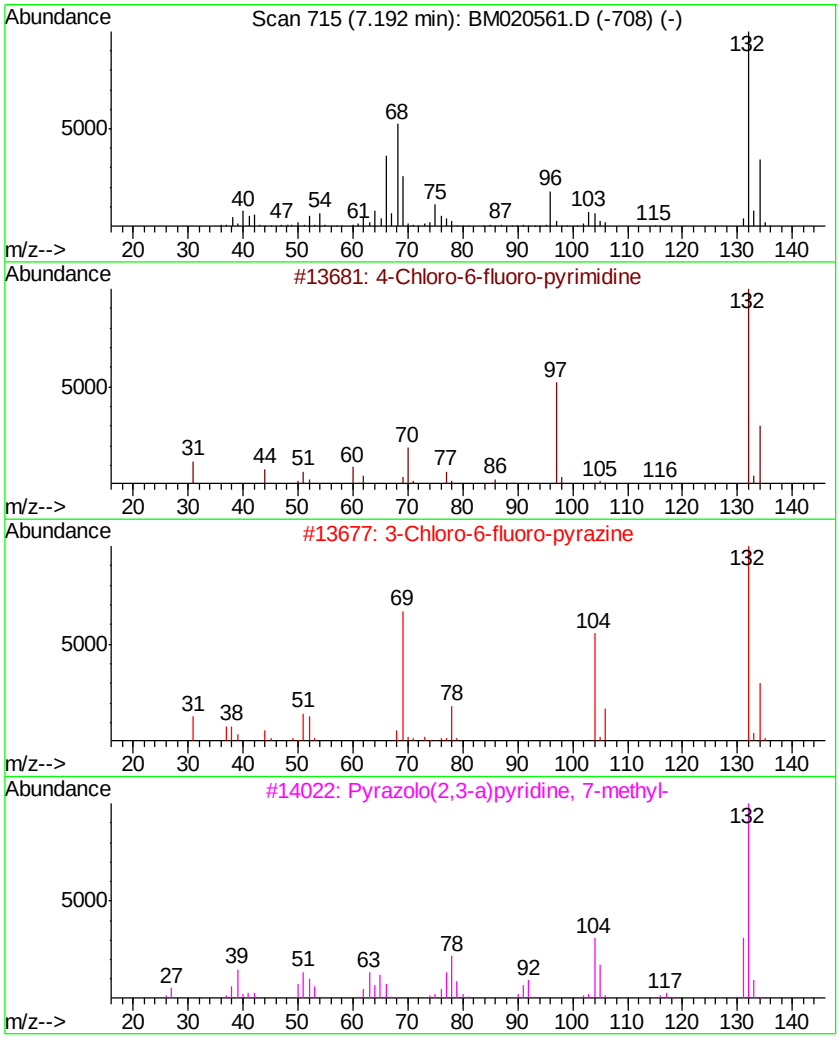
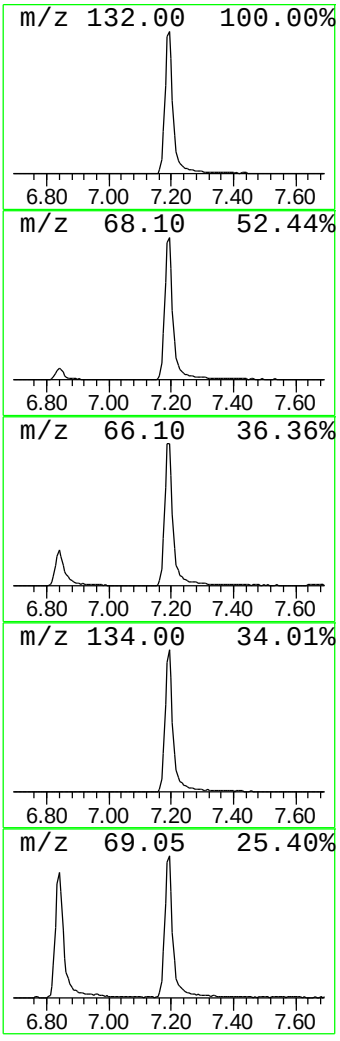
Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	84.85 ng	1750010	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

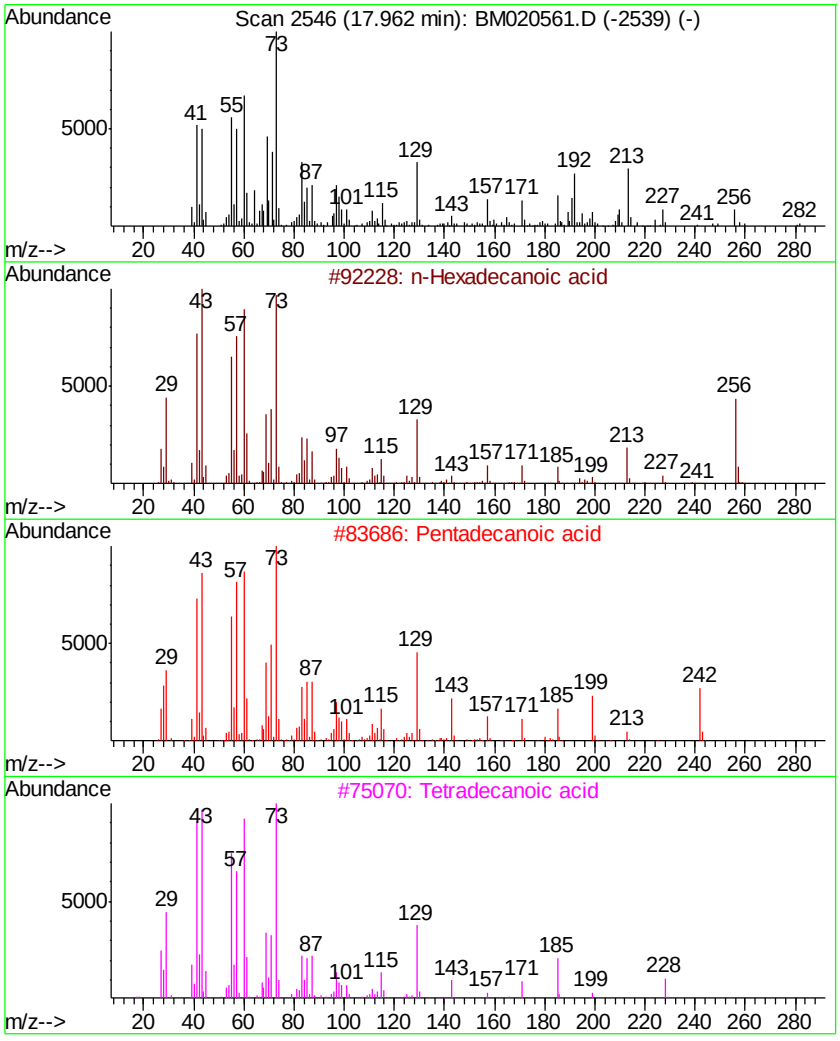
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

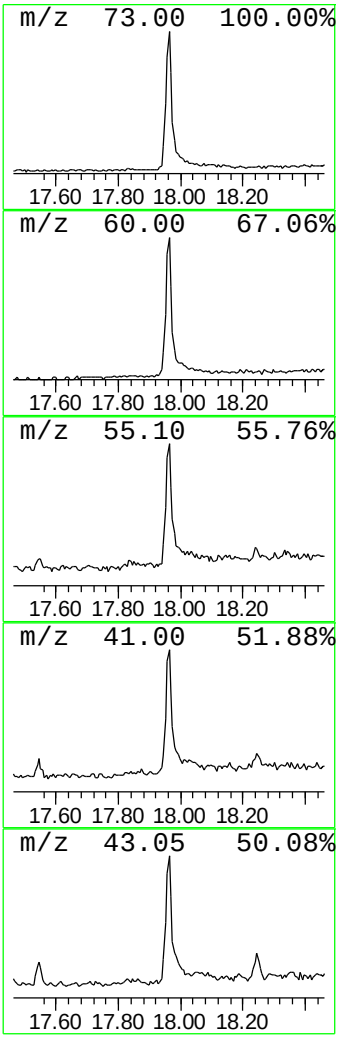
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	9.33 ng	641288	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	Ether, dodecyl isopropyl	228	C15H32O	029379-42-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

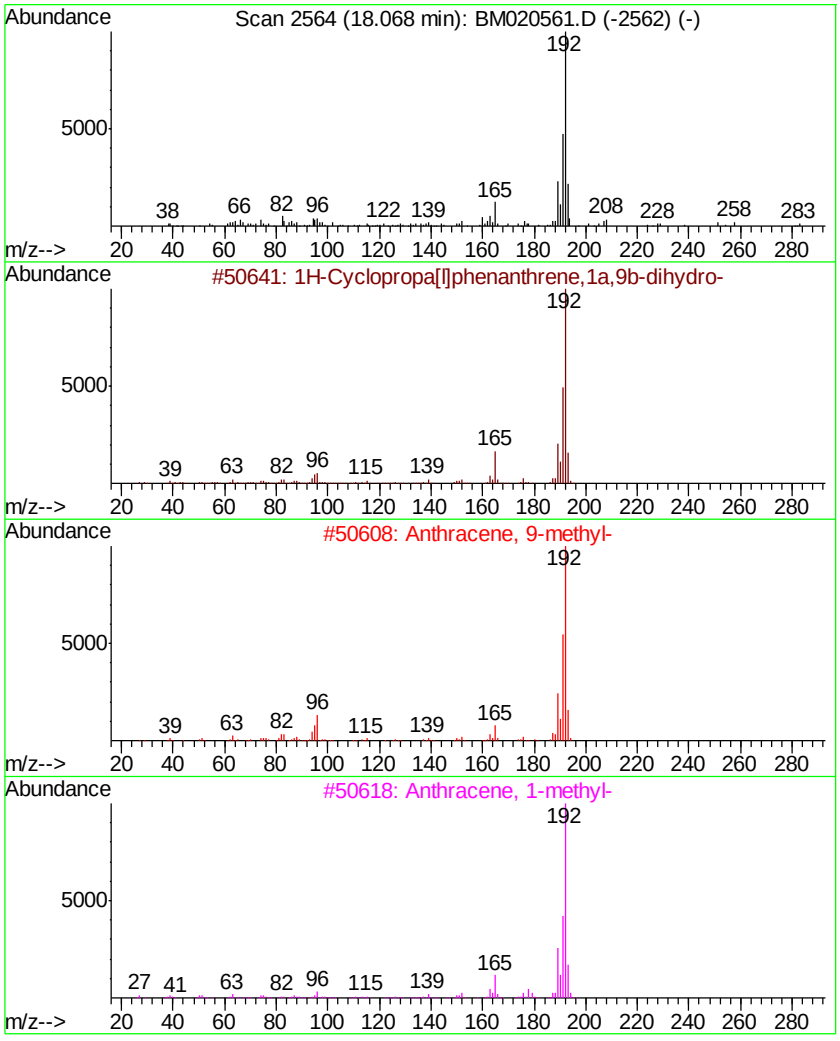
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

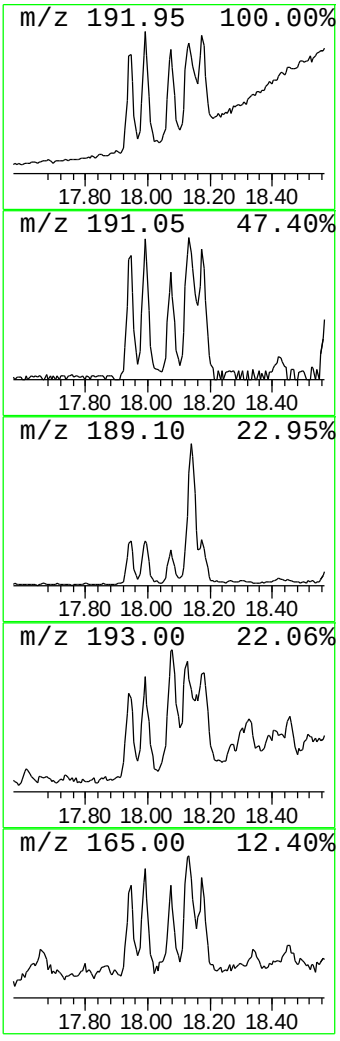
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.69 ng	184907	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

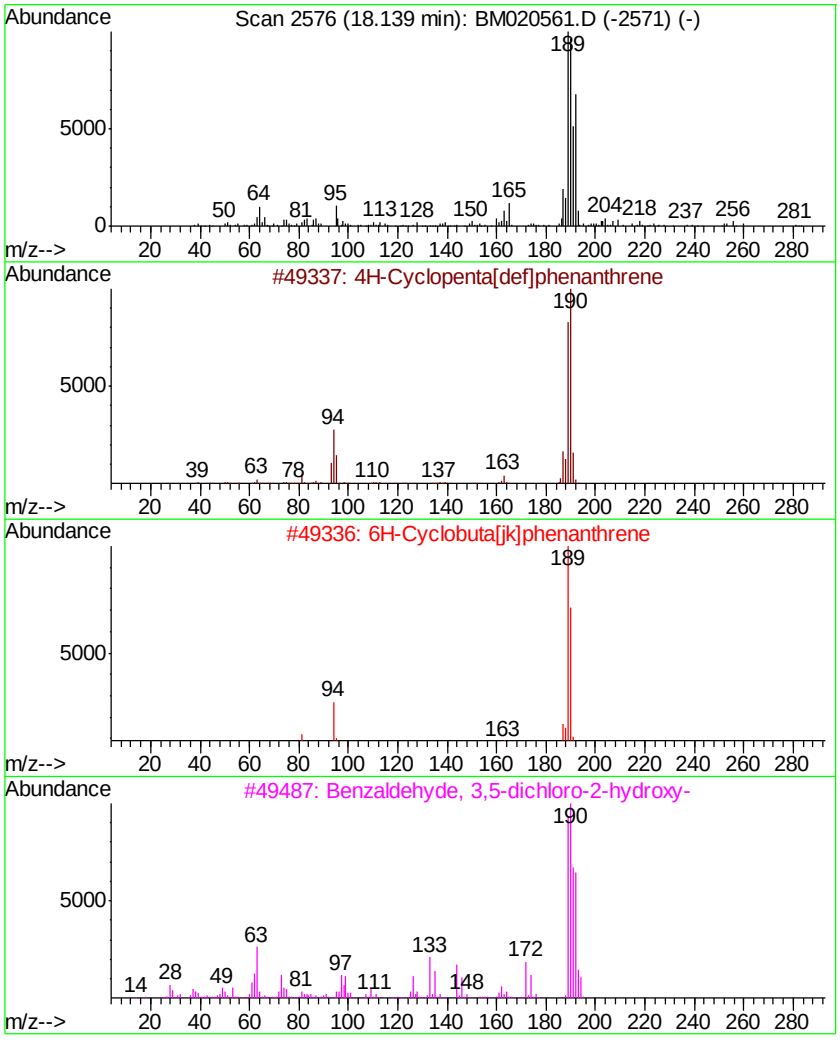
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

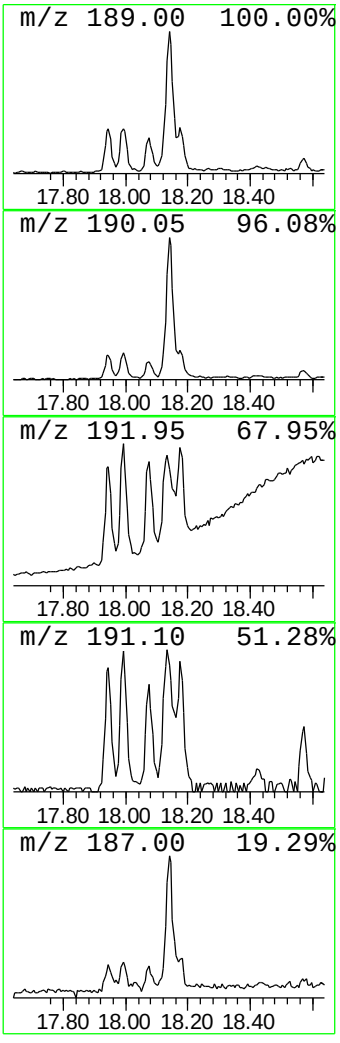
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	6.84 ng	470255	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	45
4	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	40
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
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Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

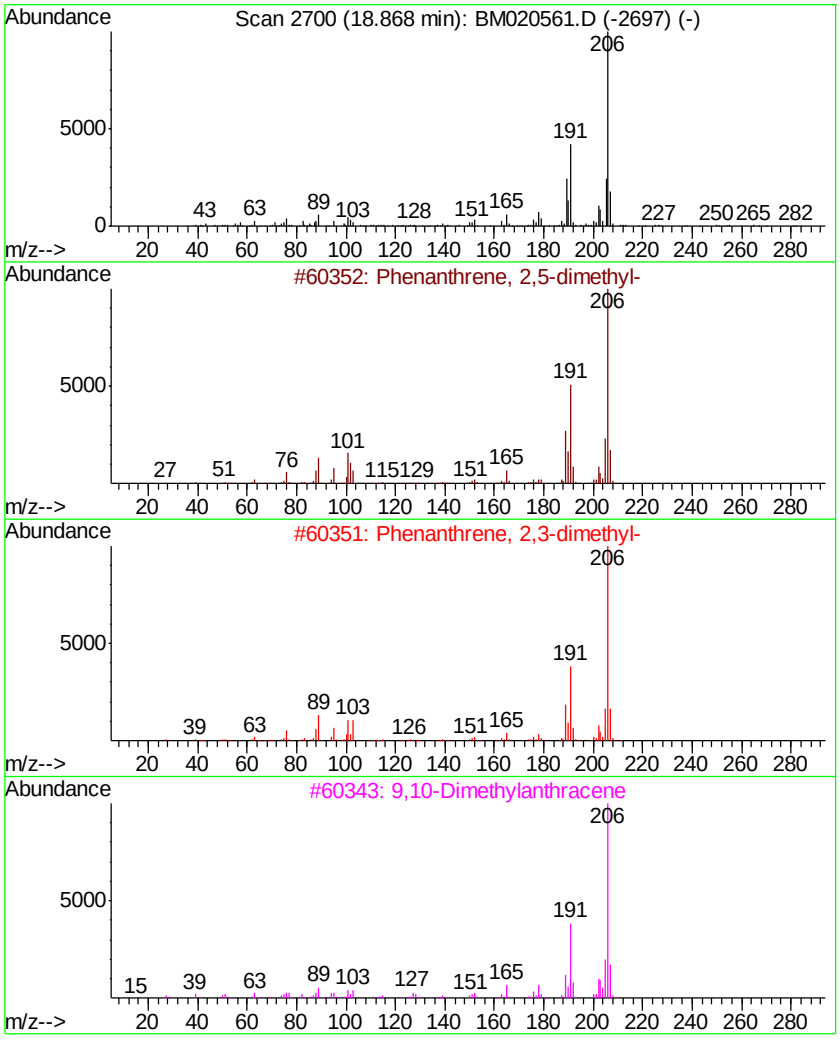
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

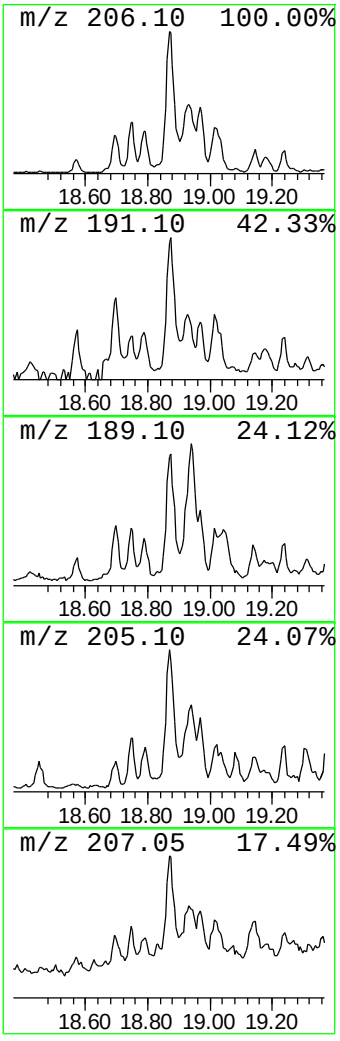
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	7.07 ng	485614	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

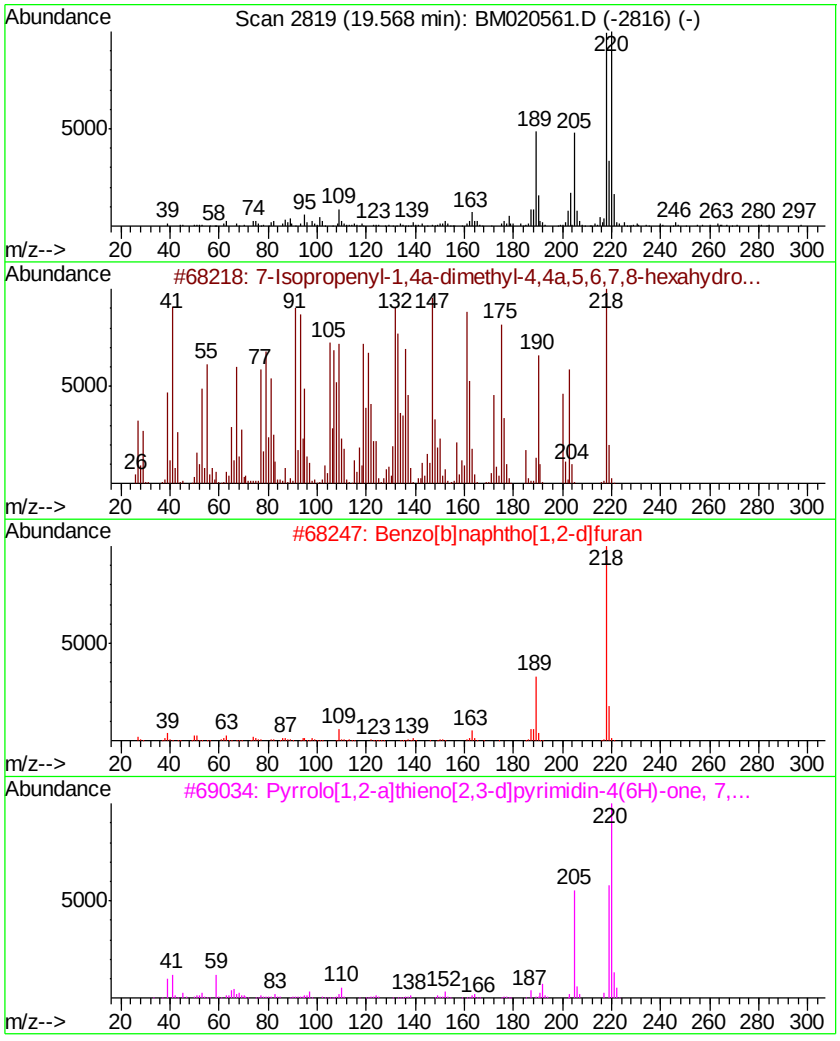
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

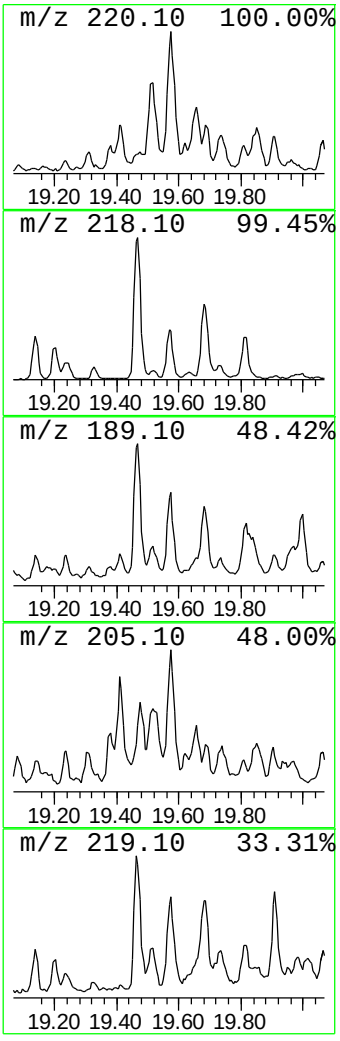
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 7-Isopropenyl-1,4a-dimethyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	2.14 ng	412695	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	68
2	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	41
3	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	41
4	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	38
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	38





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

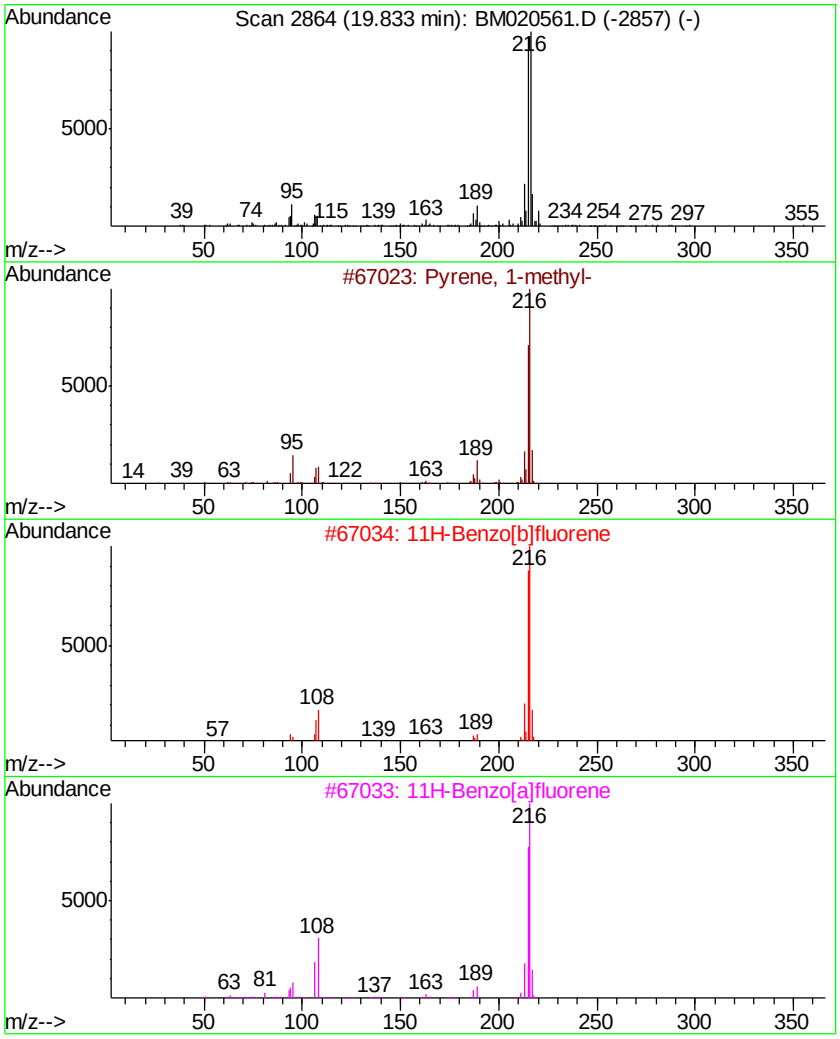
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

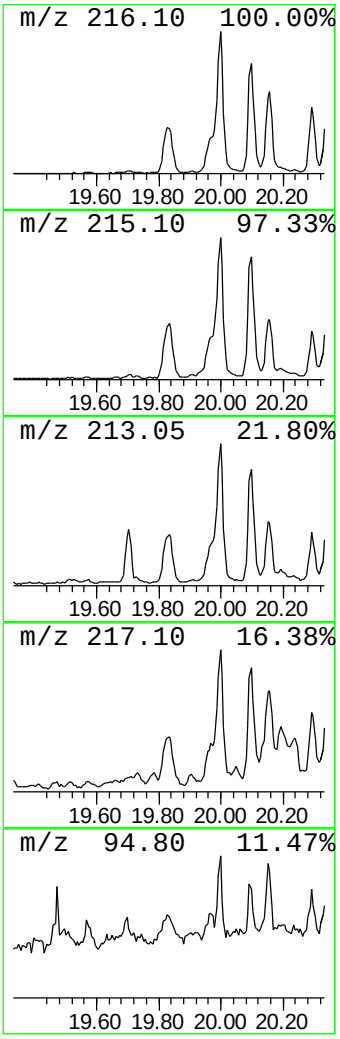
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	3.74 ng	721938	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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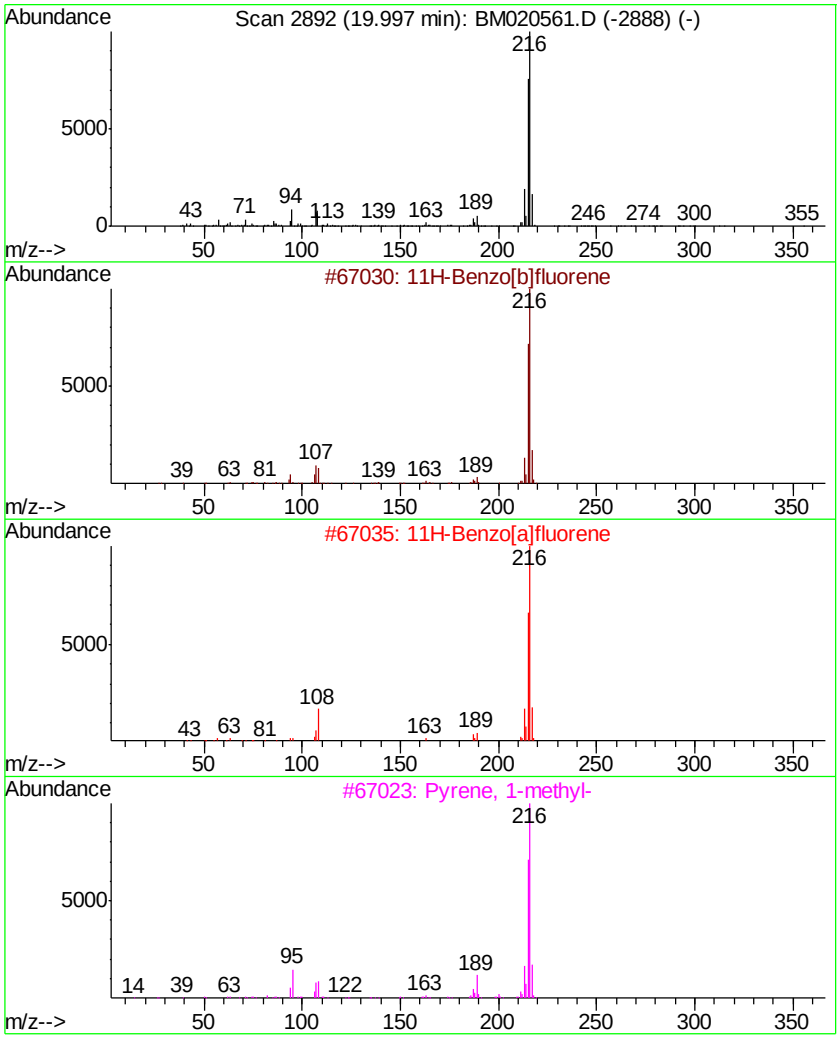
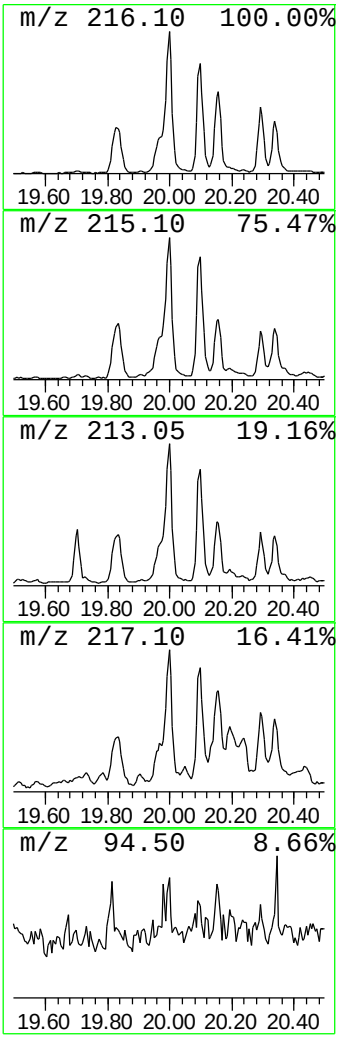
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	4.67 ng	901103	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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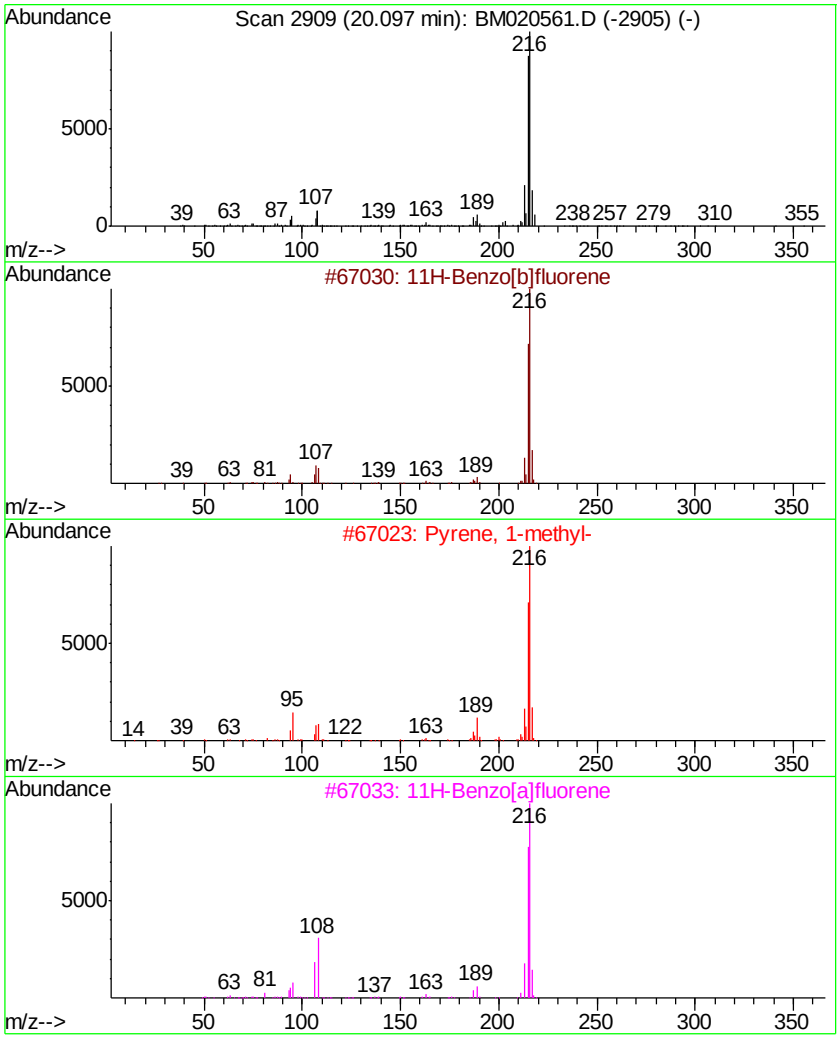
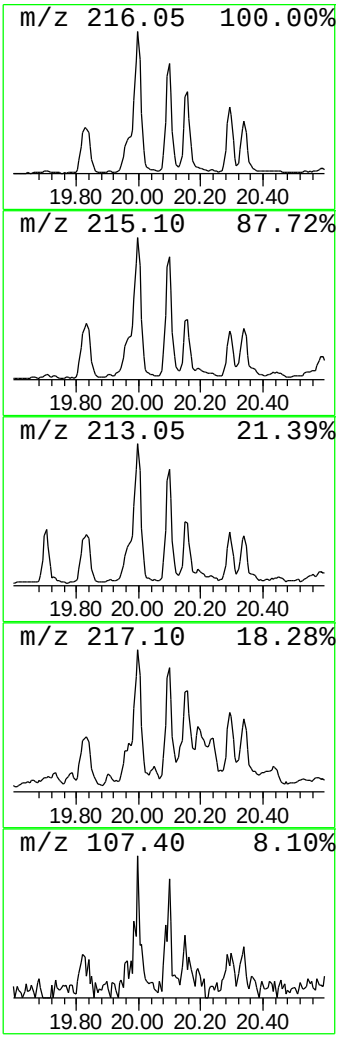
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	3.43 ng	661910	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





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Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

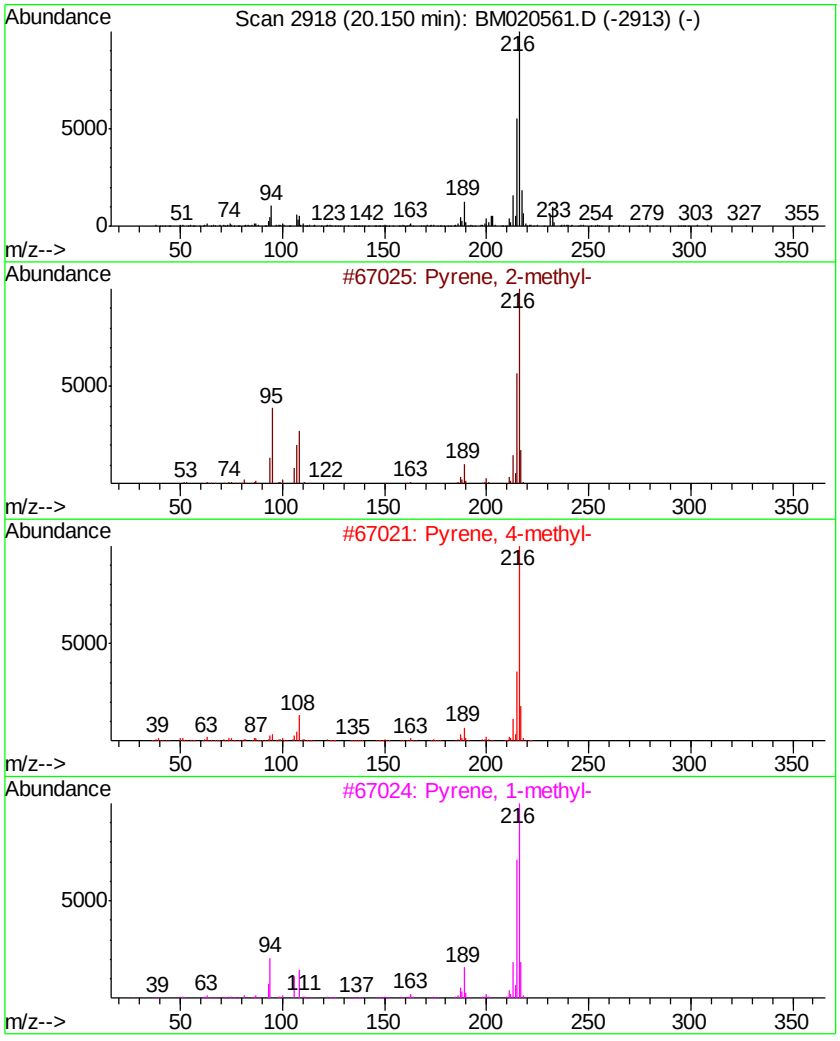
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

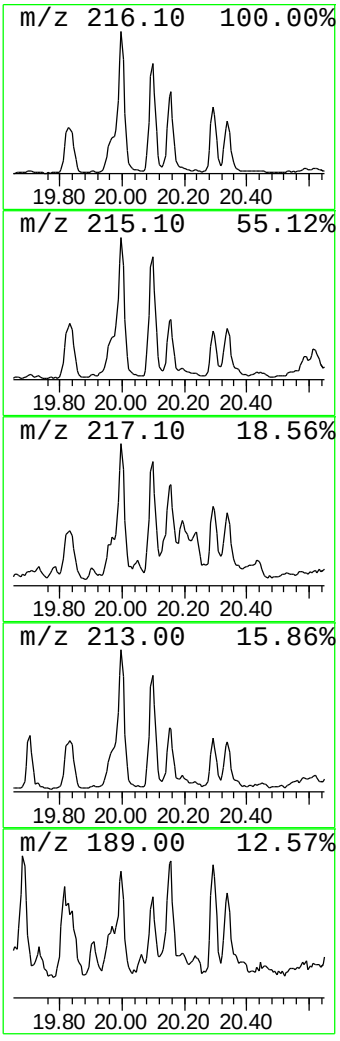
****

Peak Number 11 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	2.93 ng	566048	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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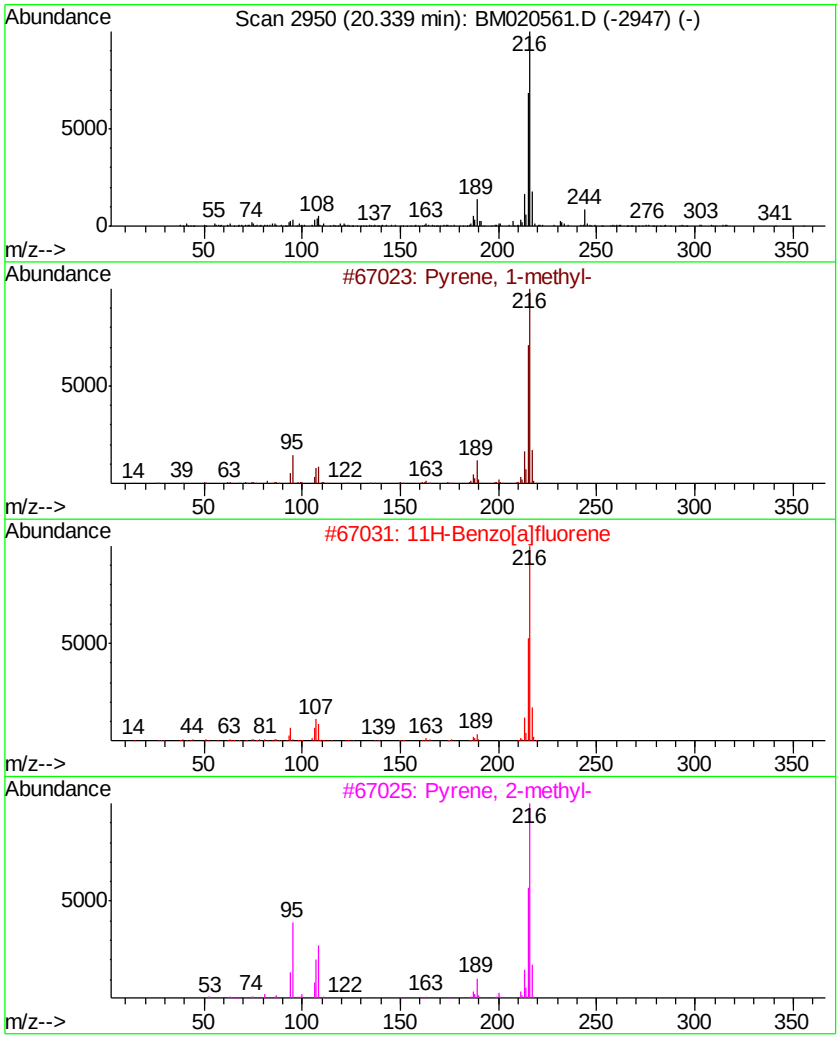
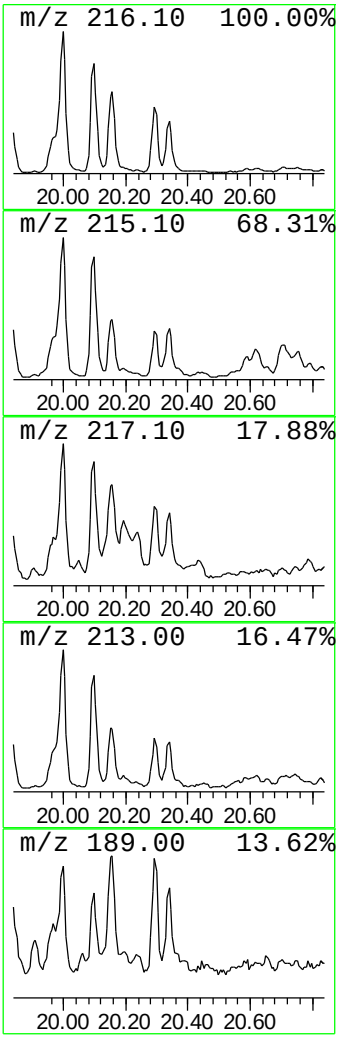
Peak Number 12 Pyrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	3.04 ng	587299	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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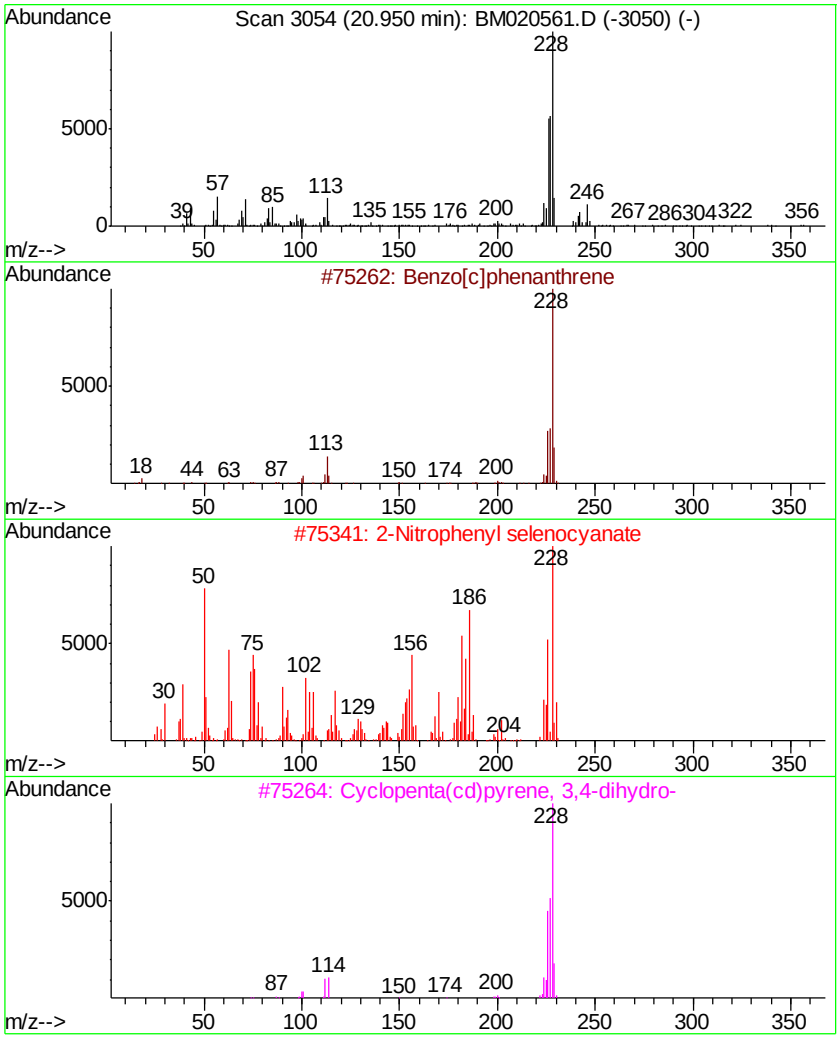
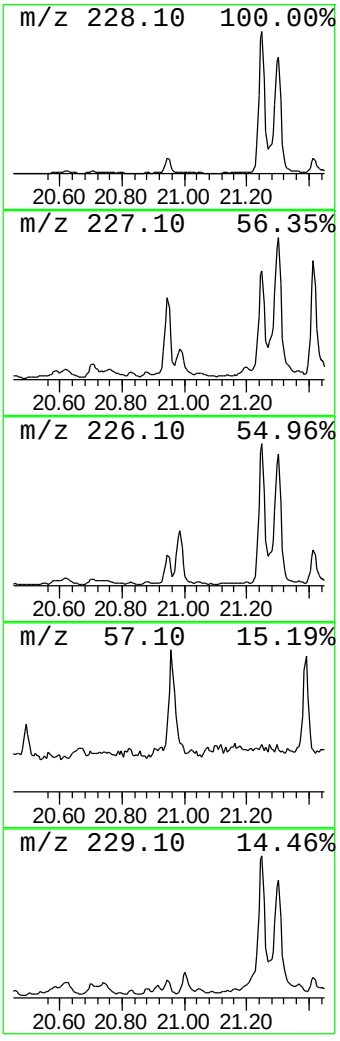
Peak Number 13 Benzo[c]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.67 ng	515959	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
2	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	46
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	45
4	Triphenylene	228	C18H12	000217-59-4	45
5	Chrysene	228	C18H12	000218-01-9	43





Library Search Compound Report

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Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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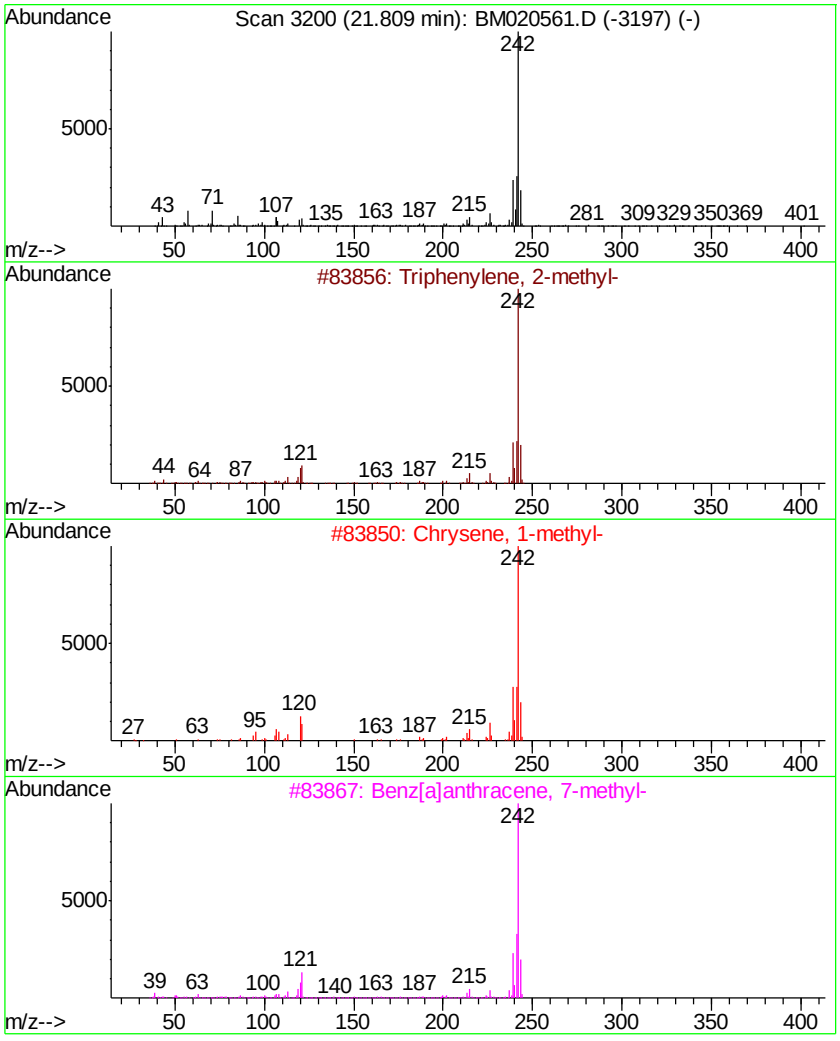
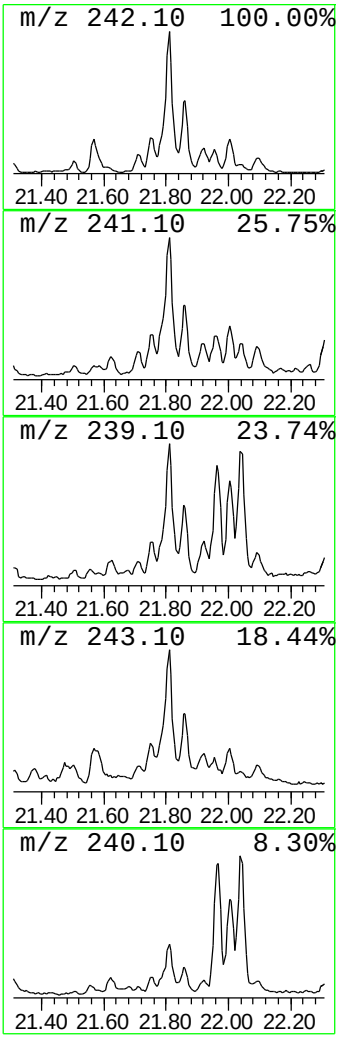
Peak Number 14 Benz[a]anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	3.45 ng	666278	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	91
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	90





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Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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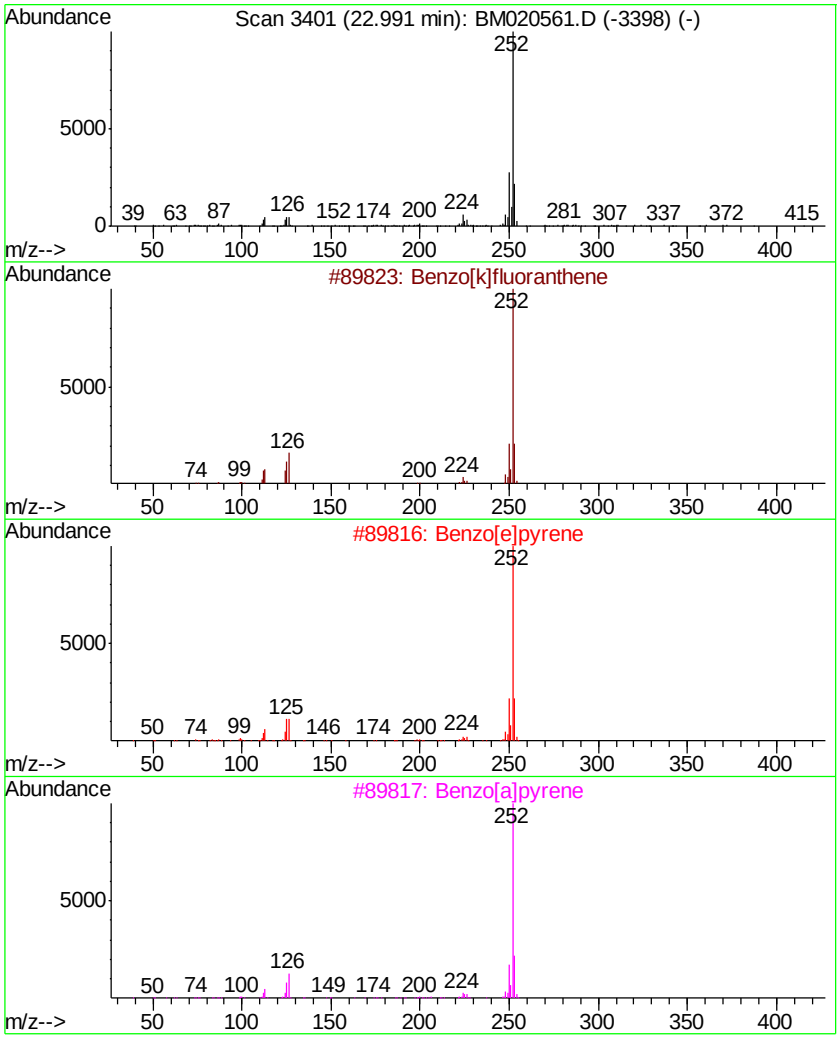
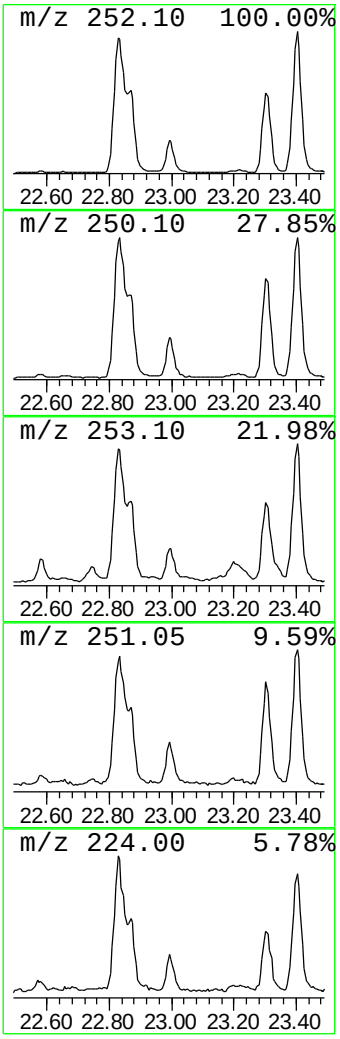
Peak Number 15 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	7.52 ng	389946	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
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Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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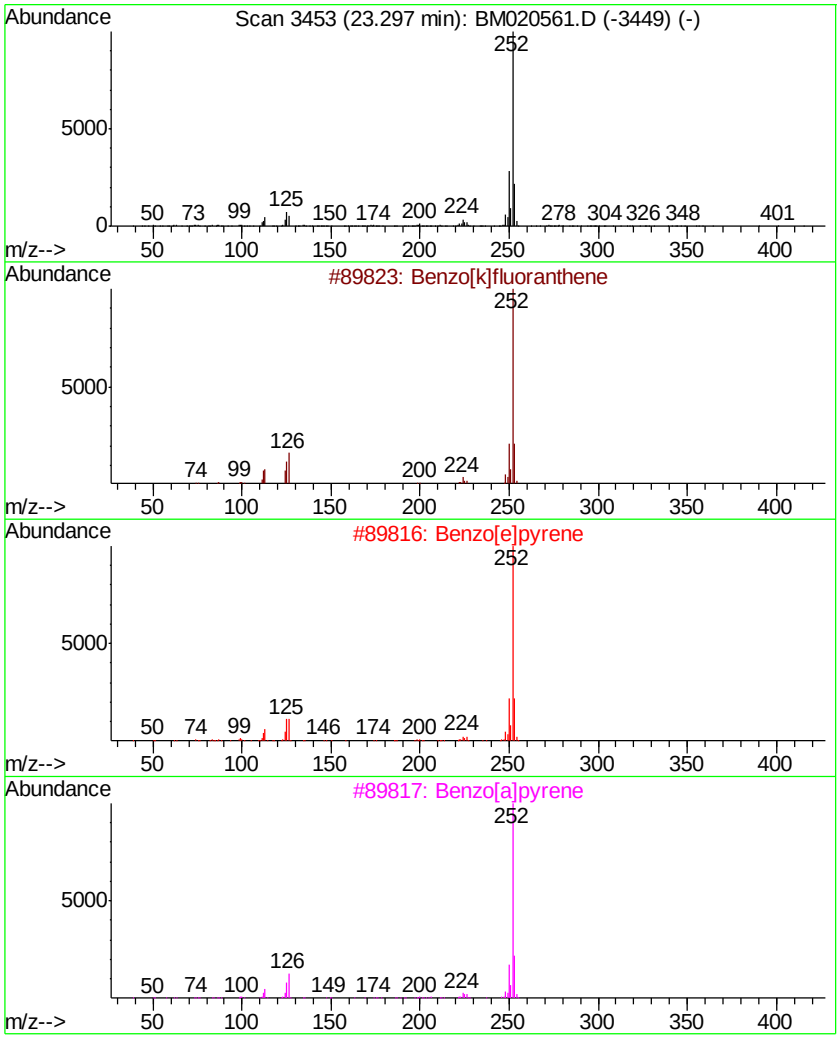
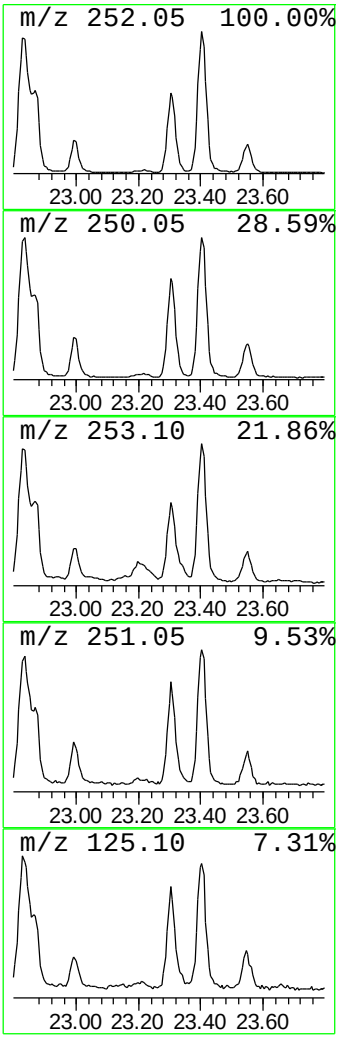
Peak Number 16 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	25.86 ng	1341630	Perylene-d12	23.50

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	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052419\
Data File : BM020561.D
Acq On : 25 May 2019 03:20
Operator : JU/SJ
Sample : K3026-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.19	7.19	84.8	ng	1750010	1	7.66	412475	20.0
n-Hexadecanoic acid	17.96	9.3	ng	641288	4	17.07	1374390	20.0
1H-Cyclopropa[l]p...	18.07	2.7	ng	184907	4	17.07	1374390	20.0
4H-Cyclopenta[def...	18.14	6.8	ng	470255	4	17.07	1374390	20.0
Phenanthrene, 2,5...	18.87	7.1	ng	485614	4	17.07	1374390	20.0
7-Isopropenyl-1,4...	19.57	2.1	ng	412695	5	21.26	3858700	20.0
Pyrene, 1-methyl-	19.83	3.7	ng	721938	5	21.26	3858700	20.0
11H-Benzo[b]fluorene	20.00	4.7	ng	901103	5	21.26	3858700	20.0
11H-Benzo[a]fluorene	20.10	3.4	ng	661910	5	21.26	3858700	20.0
Pyrene, 2-methyl-	20.15	2.9	ng	566048	5	21.26	3858700	20.0
Pyrene, 4-methyl-	20.34	3.0	ng	587299	5	21.26	3858700	20.0
Benzo[c]phenanthrene	20.95	2.7	ng	515959	5	21.26	3858700	20.0
Benz[a]anthracene...	21.81	3.5	ng	666278	5	21.26	3858700	20.0
Benzo[e]pyrene	22.99	7.5	ng	389946	6	23.50	1037510	20.0
Benzo[j]fluoranthene	23.30	25.9	ng	1341630	6	23.50	1037510	20.0