LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043535.D
Acq On : 7 Nov 2019 00:40
Operator : JU
Sample : K5671-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

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_G\METHODS\8270-BG102119.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	3.187	11	17	25	rVB	39924	84489	6.92%	0.580%
2	3.739	107	111	118	rBV2	7900	16027	1.31%	0.110%
3	5.120	339	346	357	rBV	49770	85225	6.98%	0.585%
4	5.602	420	428	445	rBV	224182	415155	33.99%	2.849%
5	7.194	689	699	718	rBV	225876	466029	38.15%	3.198%
6	7.552	752	760	770	rBV	260307	473113	38.73%	3.246%
7	8.011	830	838	848	rBV	148248	260613	21.33%	1.788%
8	8.334	885	893	901	rBV	209360	380057	31.11%	2.608%
9	9.174	1027	1036	1050	rBV	122780	268849	22.01%	1.845%
10	10.813	1307	1315	1328	rBV	167029	351346	28.76%	2.411%
11	13.263	1725	1732	1745	rBV	397451	681316	55.77%	4.675%
12	13.968	1844	1852	1855	rBV2	8894	17291	1.42%	0.119%
13	14.092	1864	1873	1883	rVB	40605	76994	6.30%	0.528%
14	14.368	1910	1920	1928	rBV	13152	26398	2.16%	0.181%
15	14.638	1958	1966	1973	rBV2	296832	485994	39.78%	3.335%
16	14.703	1973	1977	1984	rVB2	18769	32070	2.63%	0.220%
17	15.038	2028	2034	2040	rBV4	11685	22221	1.82%	0.152%
18	15.690	2139	2145	2157	rBV2	25938	50930	4.17%	0.349%
19	15.984	2190	2195	2201	rVB5	7038	14267	1.17%	0.098%
20	16.130	2214	2220	2232	rBV	288117	520560	42.61%	3.572%
21	16.365	2253	2260	2265	rBV7	11132	21765	1.78%	0.149%
22	16.695	2306	2316	2319	rBV6	10797	25223	2.06%	0.173%
23	16.918	2347	2354	2358	rBV8	6716	15036	1.23%	0.103%
24	17.206	2397	2403	2409	rVB2	14822	30350	2.48%	0.208%
25	17.388	2428	2434	2437	rBV	331754	535378	43.83%	3.673%
26	17.429	2437	2441	2451	rVV	229499	384184	31.45%	2.636%
27	17.517	2451	2456	2462	rVV	46998	77854	6.37%	0.534%
28	17.799	2499	2504	2505	rBV3	15419	21474	1.76%	0.147%
29	17.975	2529	2534	2542	rVB3	13936	27508	2.25%	0.189%
30	18.122	2553	2559	2561	rVB5	7992	13951	1.14%	0.096%
31	18.263	2578	2583	2587	rBV	51292	96676	7.91%	0.663%
32	18.310	2587	2591	2598	rVV2	66188	109346	8.95%	0.750%
33	18.393	2601	2605	2610	rVV2	22889	41644	3.41%	0.286%
34	18.457	2610	2616	2620	rVV2	90759	178743	14.63%	1.226%

LSC Area Percent Report

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Acq On : 7 Nov 2019 00:40
Operator : JU
Sample : K5671-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

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_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.492	2620	2622	2628	rVB	39828	55235	4.52%	0.379%
36	18.563	2631	2634	2640	rBV7	9799	17123	1.40%	0.117%
37	18.757	2662	2667	2671	rBV2	35428	56018	4.59%	0.384%
38	18.804	2671	2675	2681	rVB7	22614	41613	3.41%	0.286%
39	19.004	2706	2709	2714	rVB3	21977	24634	2.02%	0.169%
40	19.056	2714	2718	2721	rBV	26712	31968	2.62%	0.219%
41	19.092	2721	2724	2732	rVB	26190	35062	2.87%	0.241%
42	19.174	2732	2738	2743	rBV	68434	137775	11.28%	0.945%
43	19.239	2743	2749	2751	rBV4	23934	40961	3.35%	0.281%
44	19.315	2757	2762	2770	rBV5	34123	89200	7.30%	0.612%
45	19.438	2777	2783	2790	rBV	528271	800118	65.50%	5.490%
46	19.491	2790	2792	2796	rVV5	19009	29556	2.42%	0.203%
47	19.538	2796	2800	2803	rVV5	20805	28139	2.30%	0.193%
48	19.679	2819	2824	2828	rBV3	27313	46423	3.80%	0.319%
49	19.797	2834	2844	2853	rBV	489433	968757	79.30%	6.647%
50	19.873	2853	2857	2863	rVB2	57596	89366	7.32%	0.613%
51	19.997	2872	2878	2883	rBV	720803	984119	80.56%	6.753%
52	20.120	2894	2899	2907	rBV5	51042	133932	10.96%	0.919%
53	20.261	2918	2923	2924	rBV2	40568	62782	5.14%	0.431%
54	20.290	2924	2928	2933	rVB2	105602	171841	14.07%	1.179%
55	20.390	2941	2945	2950	rBV2	67567	94039	7.70%	0.645%
56	20.449	2951	2955	2960	rVB2	69495	105478	8.63%	0.724%
57	20.590	2975	2979	2983	rBV	62748	89671	7.34%	0.615%
58	20.637	2983	2987	2991	rVV	45829	66674	5.46%	0.457%
59	21.054	3055	3058	3063	rVB2	46513	74359	6.09%	0.510%
60	21.377	3109	3113	3122	rVB3	70770	153235	12.54%	1.051%
61	21.653	3151	3160	3165	rBV2	468237	1221583	100.00%	8.382%
62	21.700	3165	3168	3180	rVB	241867	414991	33.97%	2.847%
63	21.847	3189	3193	3199	rVB4	48781	91316	7.48%	0.627%
64	23.839	3525	3532	3540	rBV	164285	552124	45.20%	3.788%
65	24.556	3647	3654	3667	rVB	106930	323260	26.46%	2.218%
66	24.697	3672	3678	3691	rVB	166429	477181	39.06%	3.274%
67	24.850	3696	3704	3713	rBV	269249	757526	62.01%	5.198%

Sum of corrected areas: 14574135

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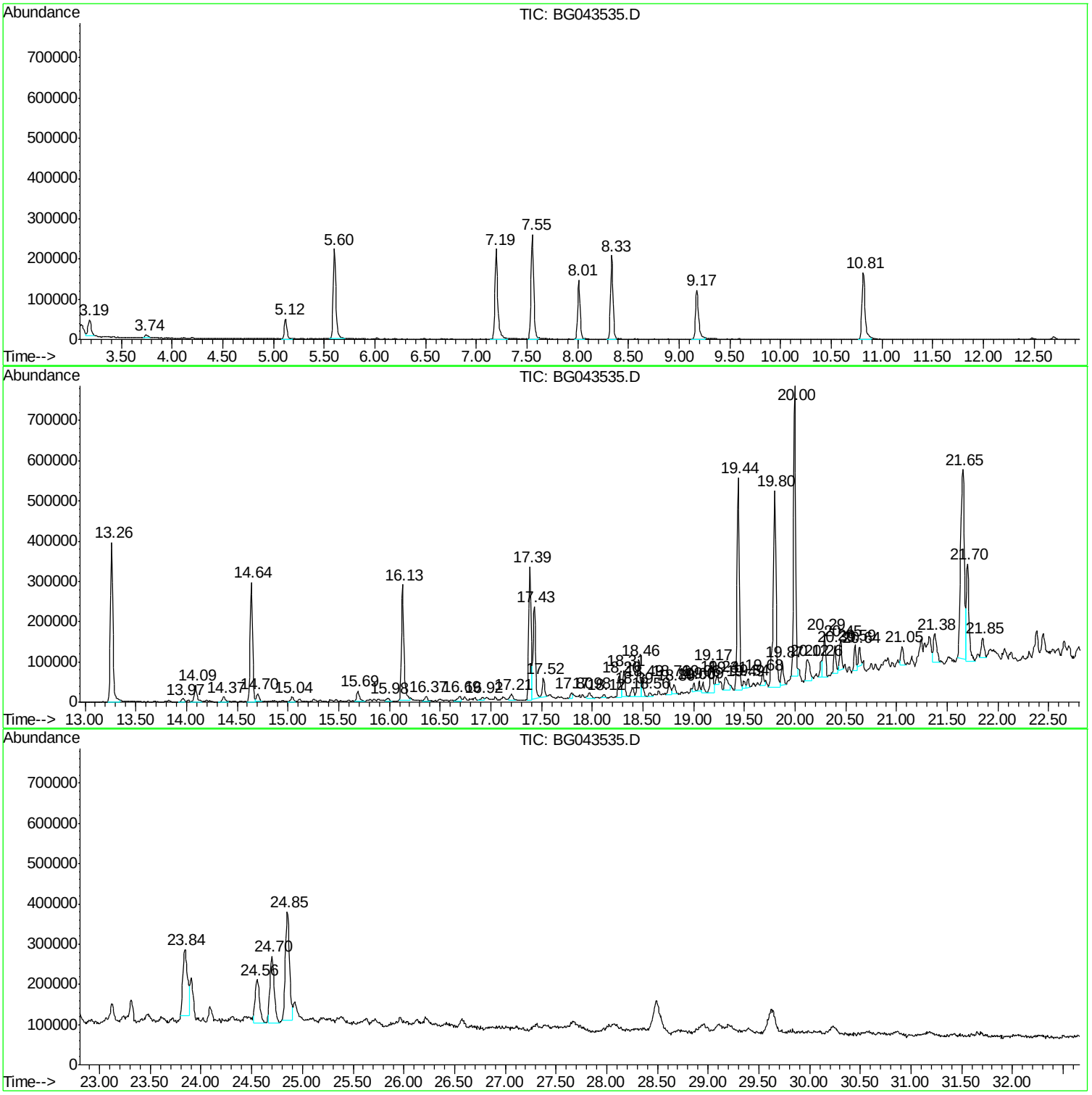
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

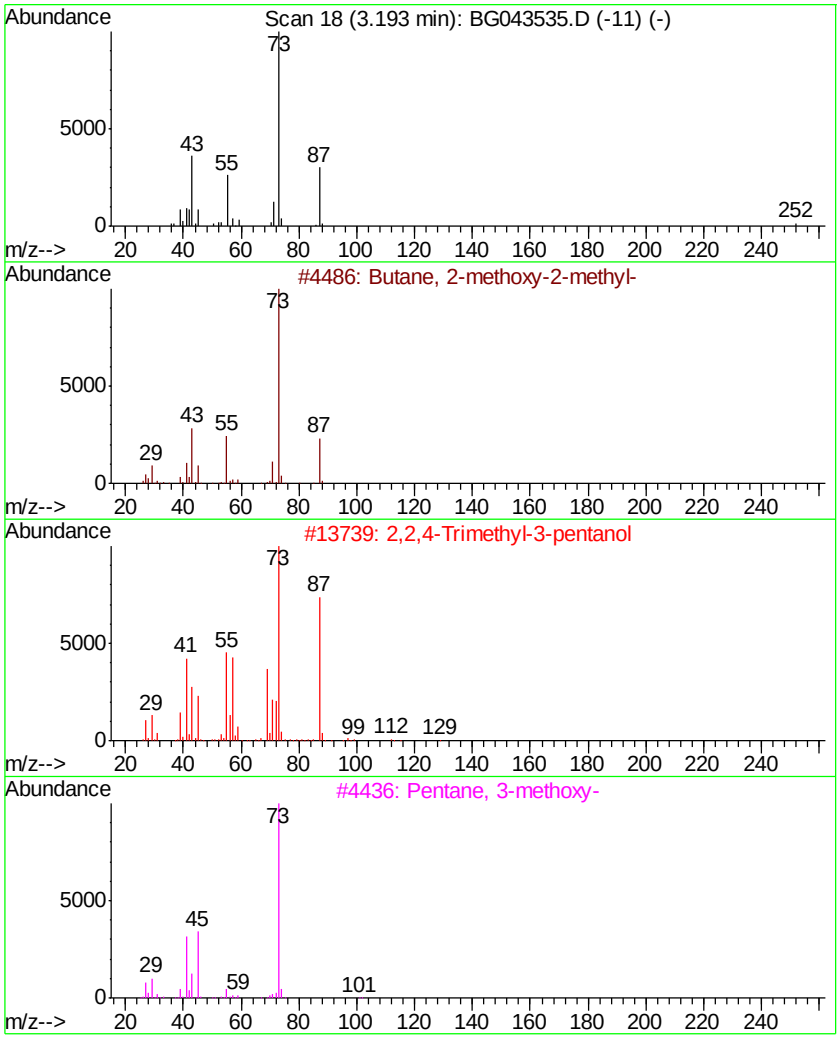
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

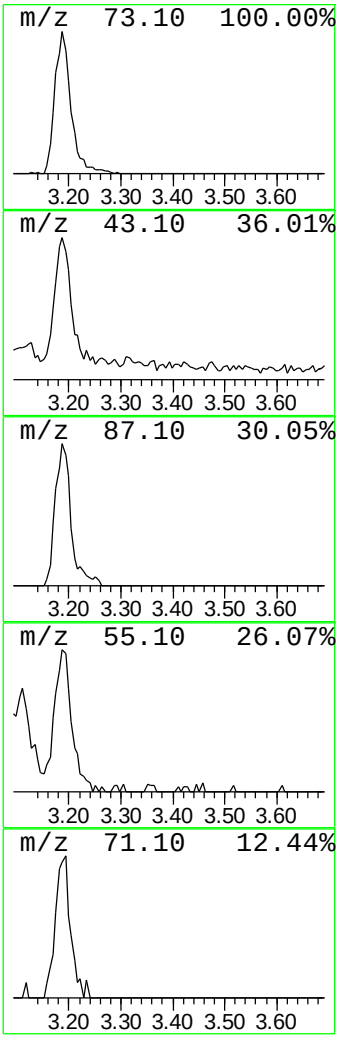
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	6.48 ng	84489	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043535.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

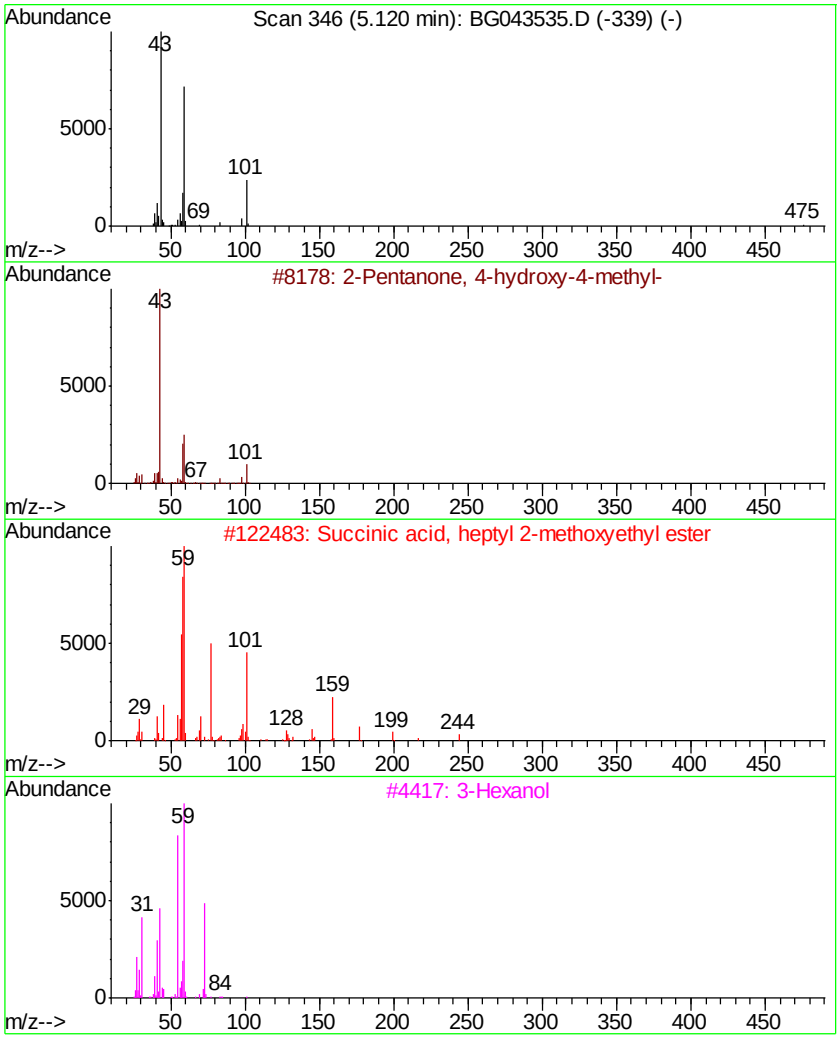
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

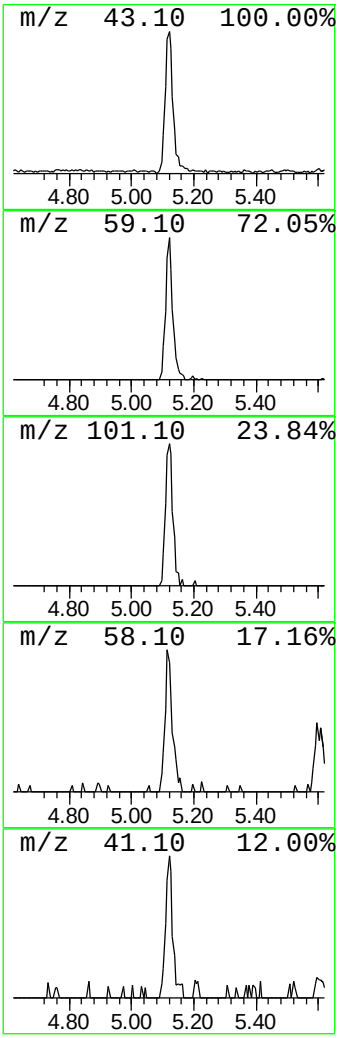
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	6.54 ng	85225	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

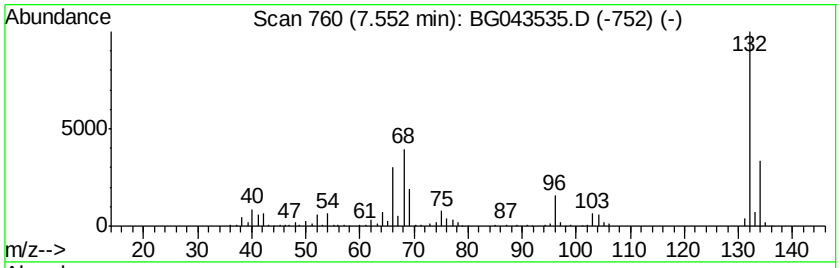
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

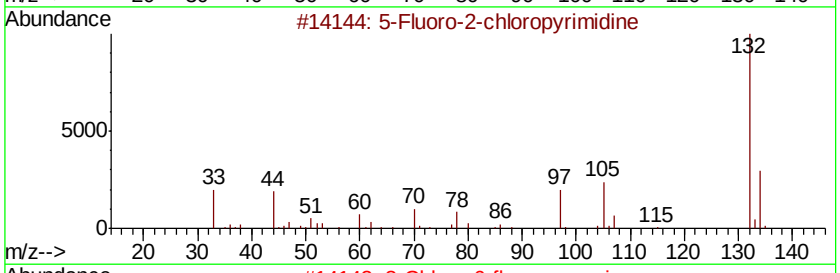
****

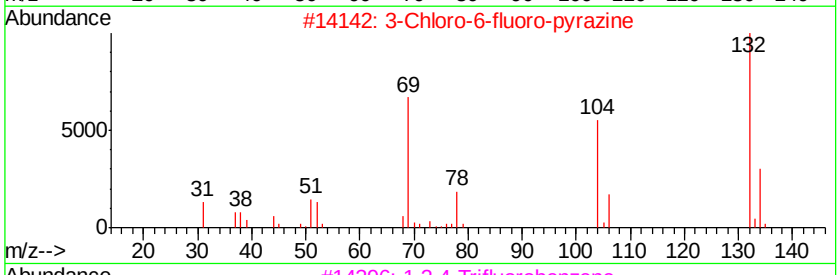
Peak Number 3 unknown7.55 Concentration Rank 1

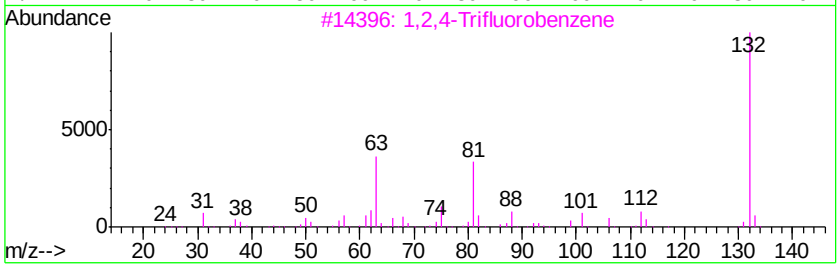
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	36.31 ng	473113	1,4-Dichlorobenzene-d4	8.01

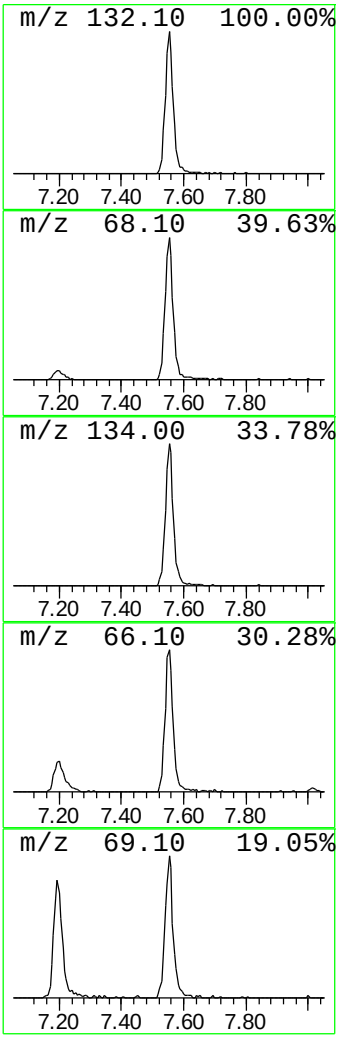
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Xenon	132	Xe	007440-63-3	9











Library Search Compound Report

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Data File : BG043535.D
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Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

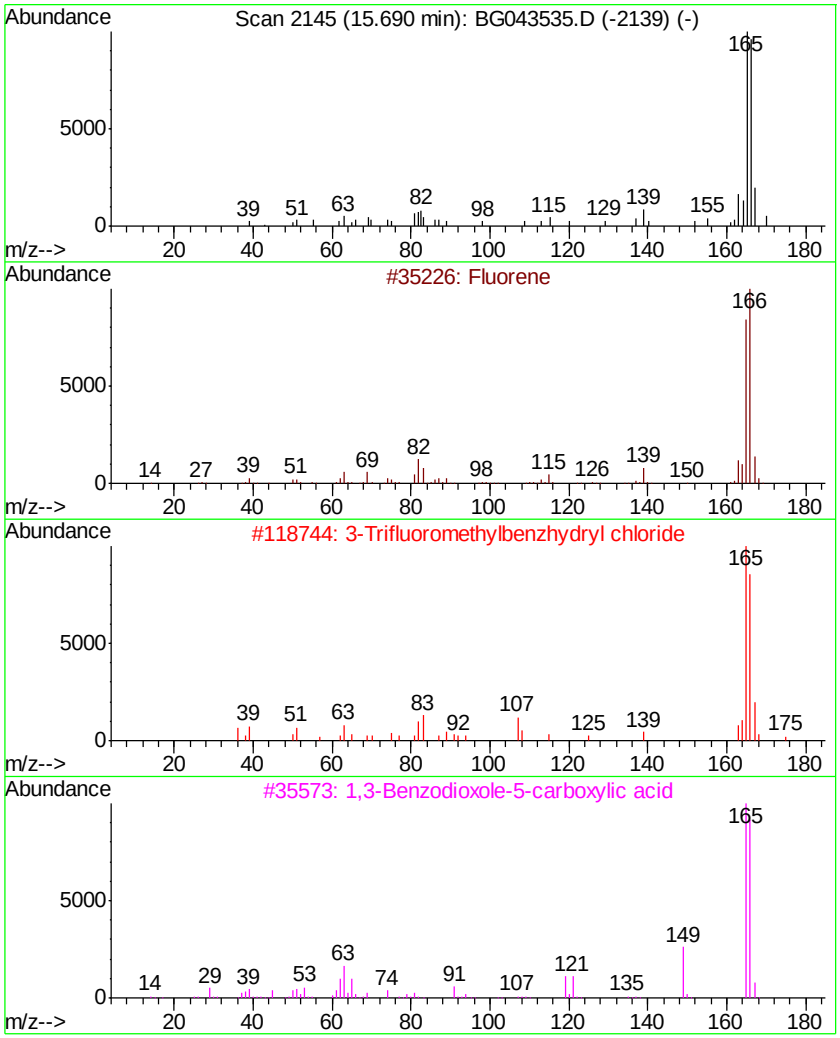
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

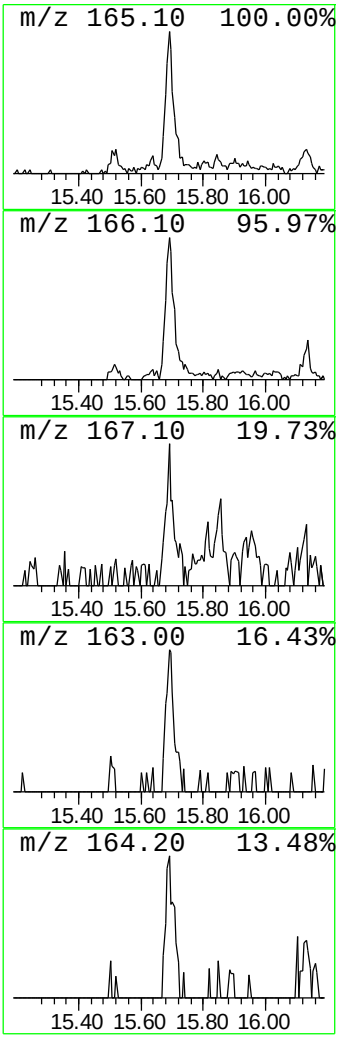
****

Peak Number 5 3-Trifluoromethylbenzhydryl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.10 ng	50930	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	93
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
3	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	58
4	1H-Phenalene	166	C13H10	000203-80-5	50
5	5-Allyl-2-amino-4-hydroxy-6-meth...	165	C8H11N3O	006957-86-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
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Acq On : 7 Nov 2019 00:40
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Sample : K5671-01 2X
Misc :
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Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

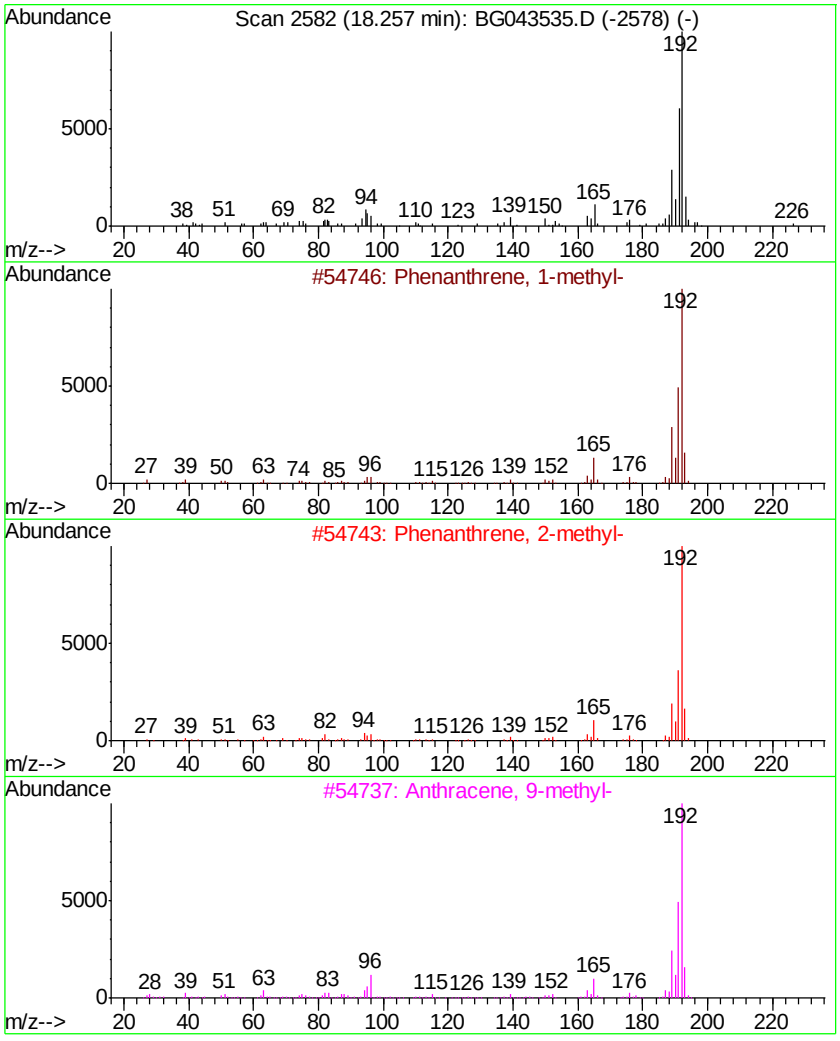
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

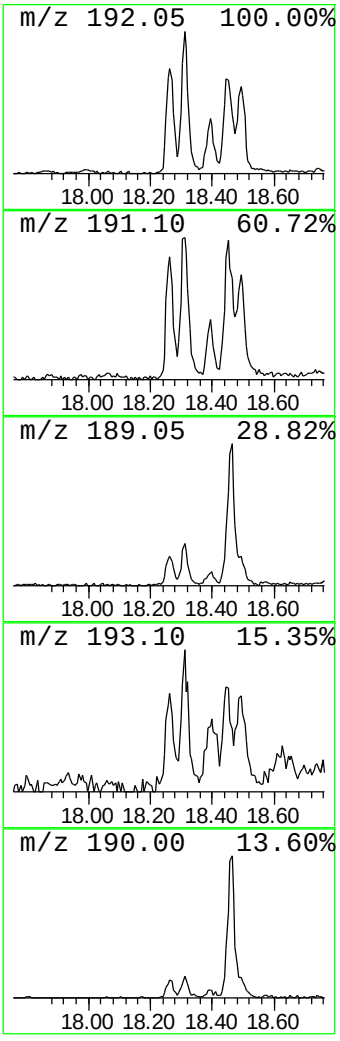
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	3.61 ng	96676	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043535.D
Acq On : 7 Nov 2019 00:40
Operator : JU
Sample : K5671-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

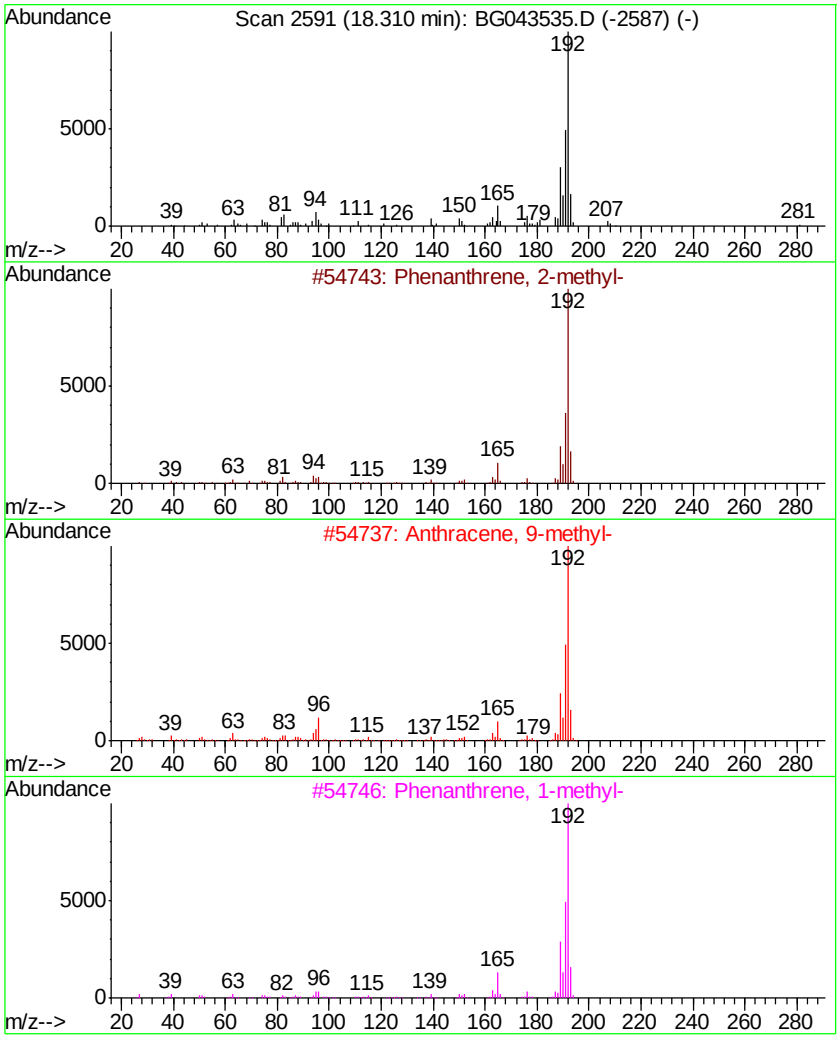
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

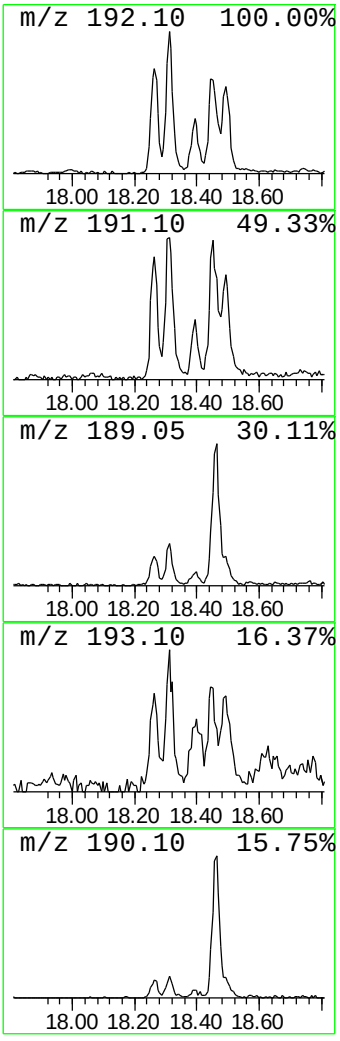
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.08 ng	109346	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043535.D
Acq On : 7 Nov 2019 00:40
Operator : JU
Sample : K5671-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

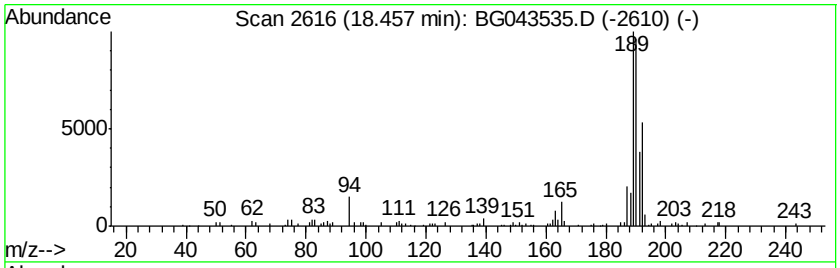
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

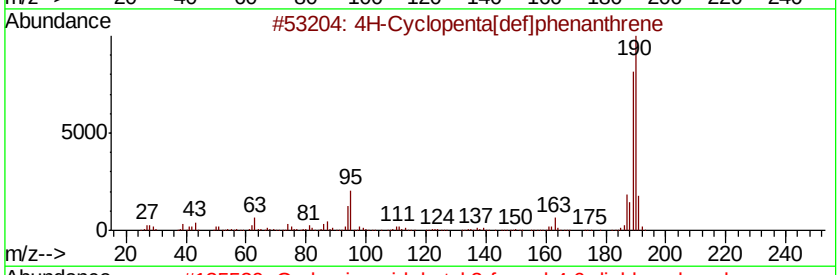
****

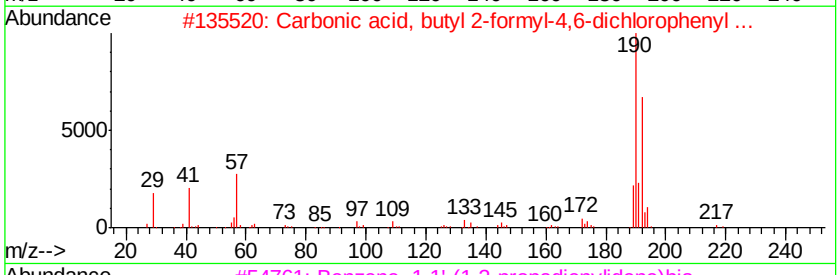
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

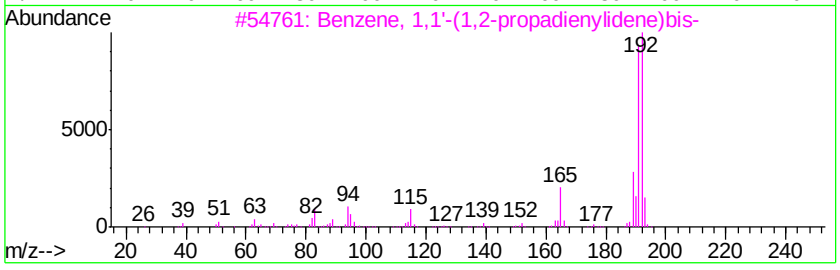
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	6.68 ng	178743	Phenanthrene-d10	17.39

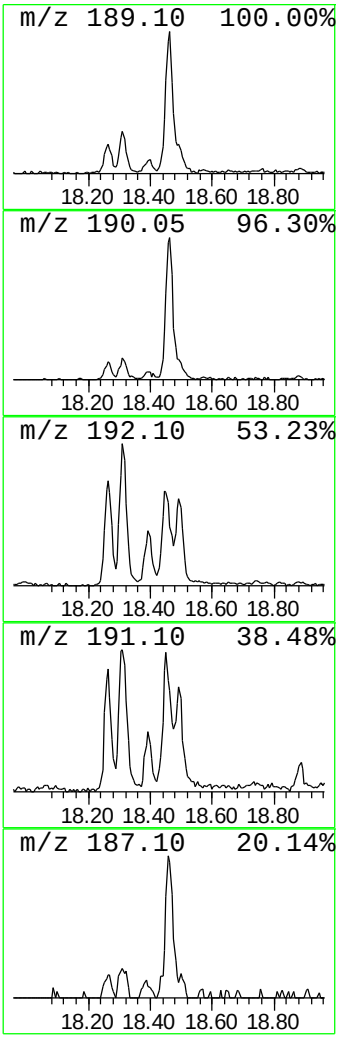
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	37
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18











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Data File : BG043535.D
Acq On : 7 Nov 2019 00:40
Operator : JU
Sample : K5671-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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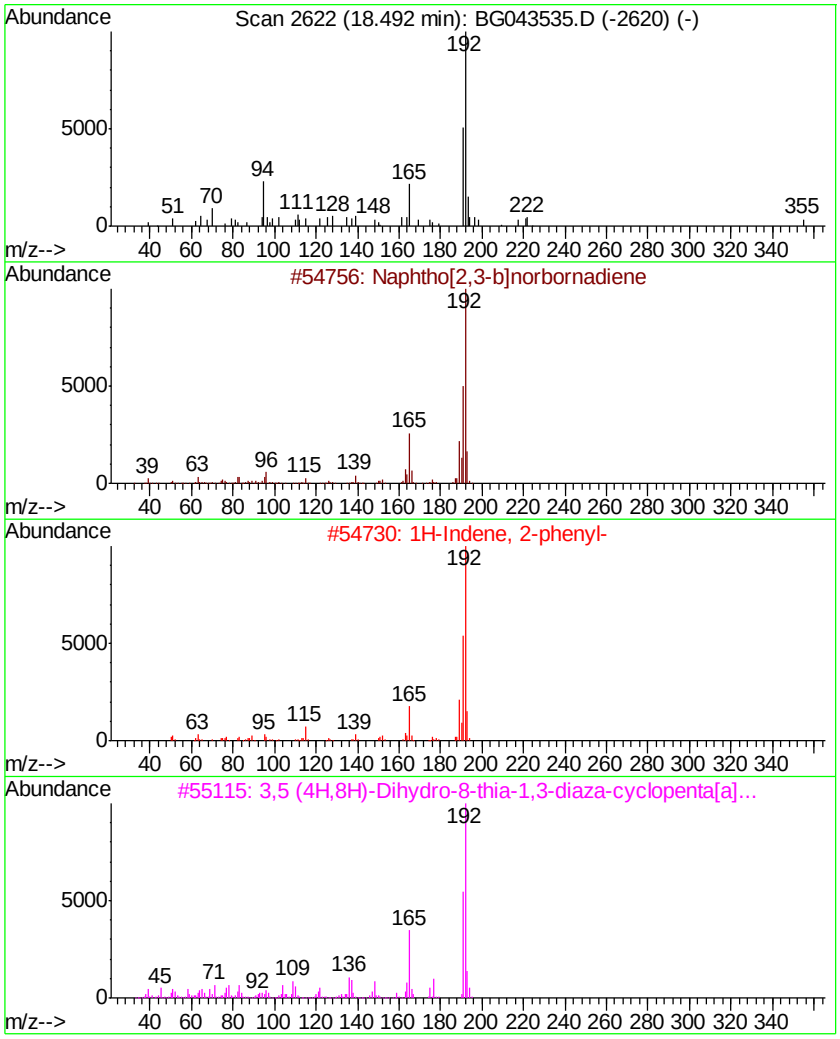
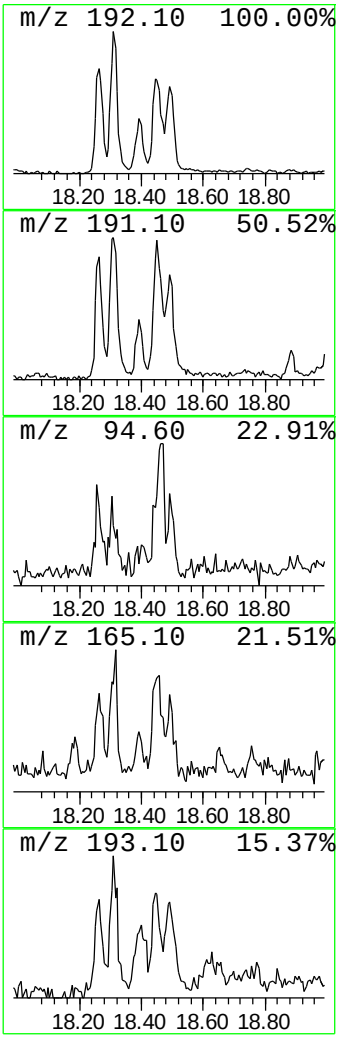
Peak Number 9 Naphtho[2,3-b]norbornadiene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.06 ng	55235	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	74
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
3	3,5 (4H,8H)-Dihydro-8-thia-1,3-d...	192	C9H8N2OS	014346-25-9	72
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	64





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Acq On : 7 Nov 2019 00:40
Operator : JU
Sample : K5671-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

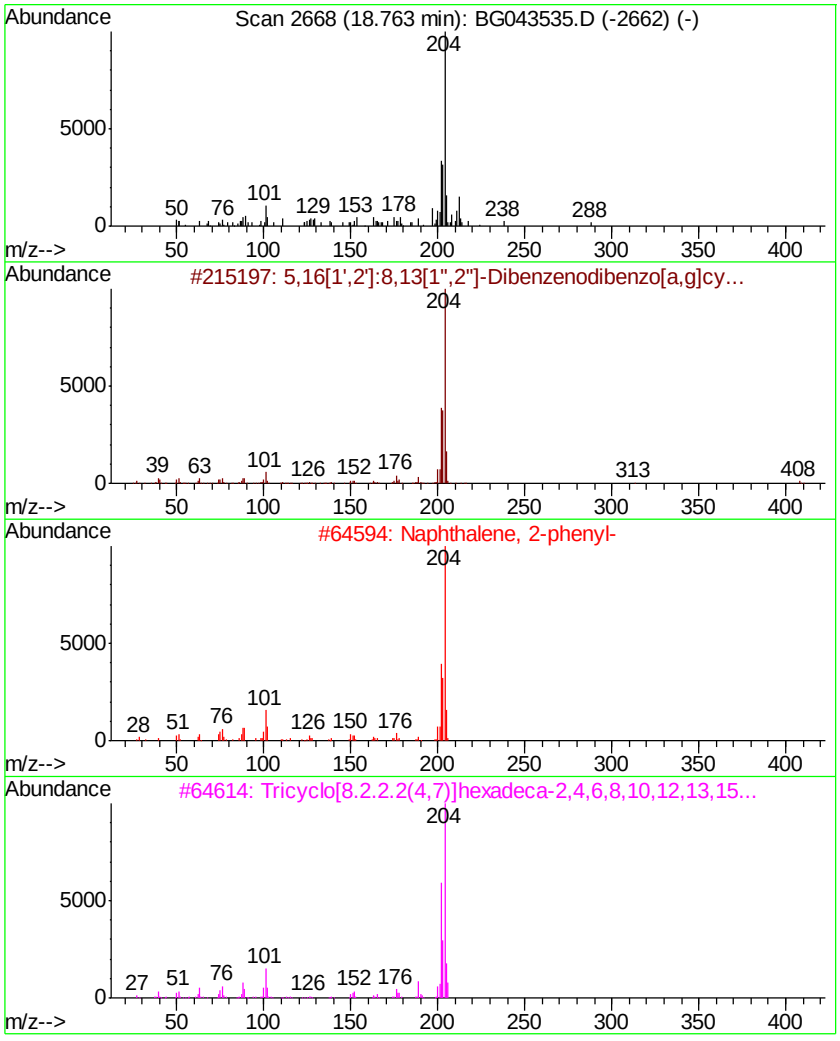
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

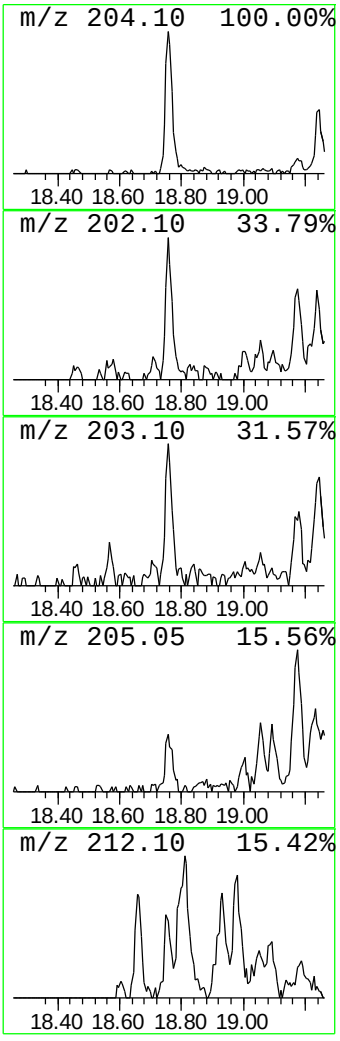
****

Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.09 ng	56018	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043535.D
Acq On : 7 Nov 2019 00:40
Operator : JU
Sample : K5671-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

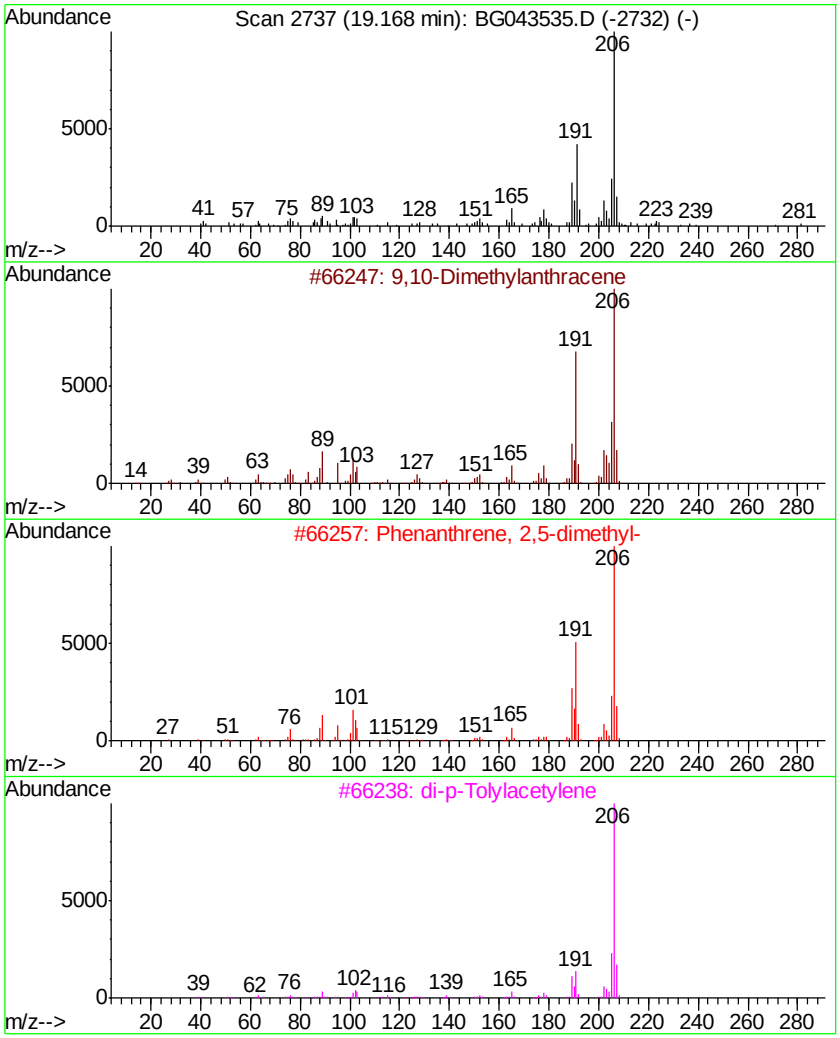
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

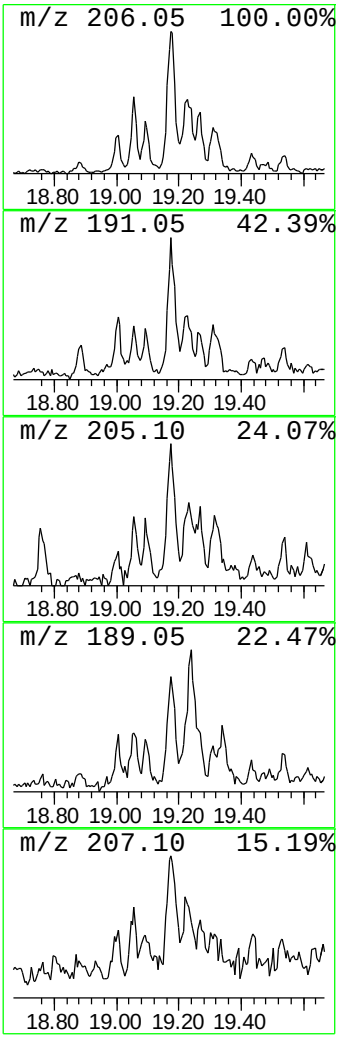
****

Peak Number 11 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	5.15 ng	137775	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	81





Library Search Compound Report

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Data File : BG043535.D
Acq On : 7 Nov 2019 00:40
Operator : JU
Sample : K5671-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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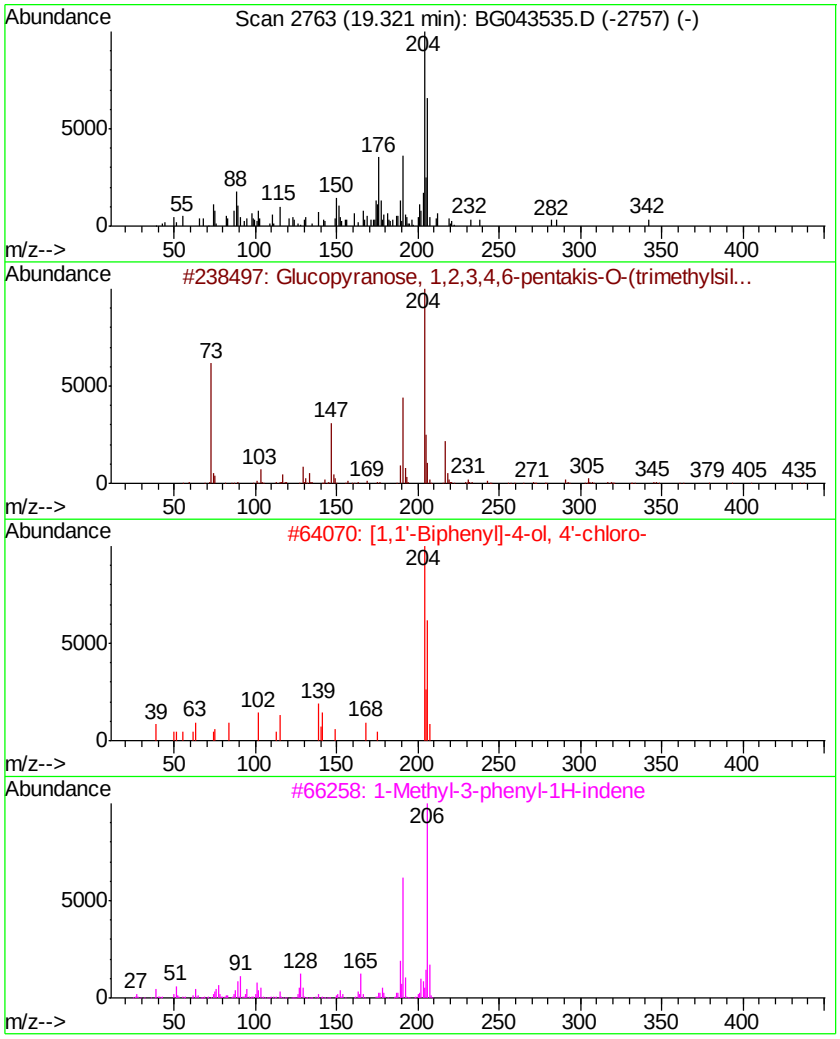
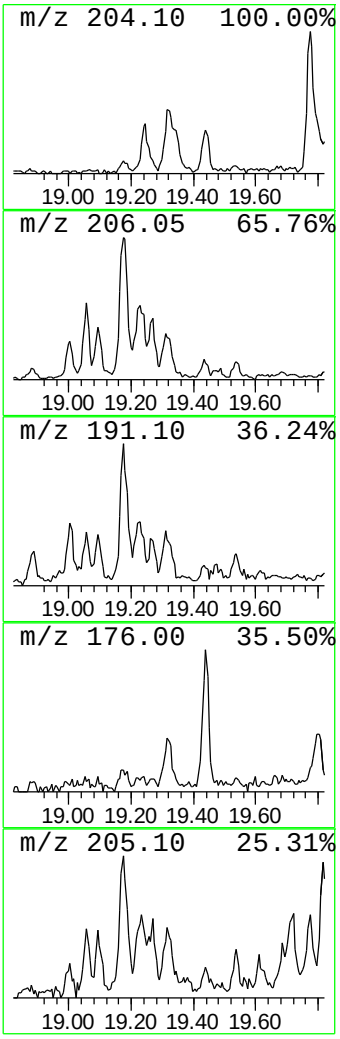
Peak Number 12 unknown19.32 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	3.33 ng	89200	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glucopyranose, 1,2,3,4,6-pentaki...	540	C21H52O6Si5	019126-99-9	47
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	42
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38





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Data File : BG043535.D
Acq On : 7 Nov 2019 00:40
Operator : JU
Sample : K5671-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

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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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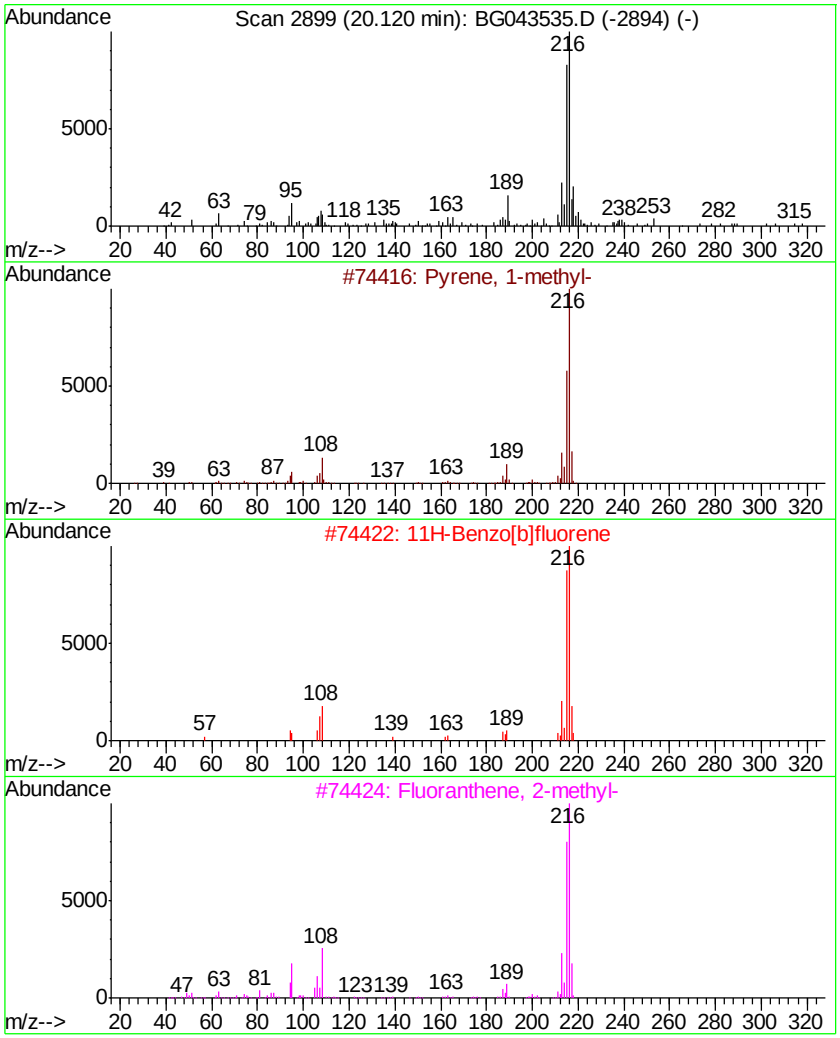
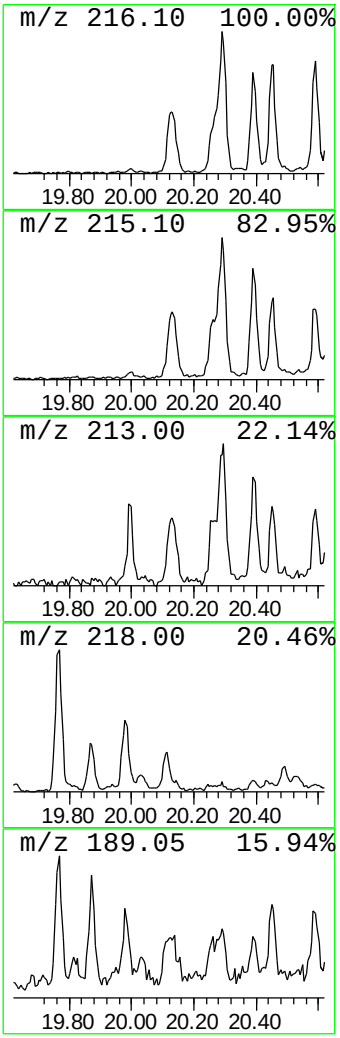
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	2.19 ng	133932	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Acq On : 7 Nov 2019 00:40
Operator : JU
Sample : K5671-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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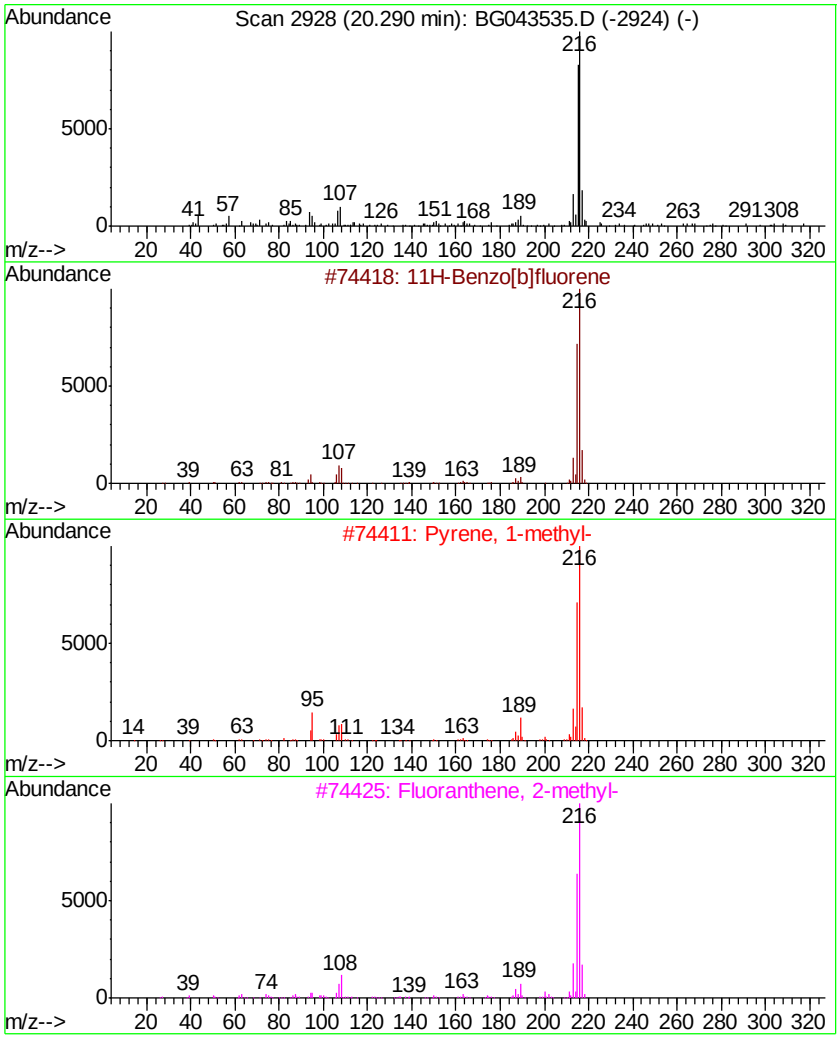
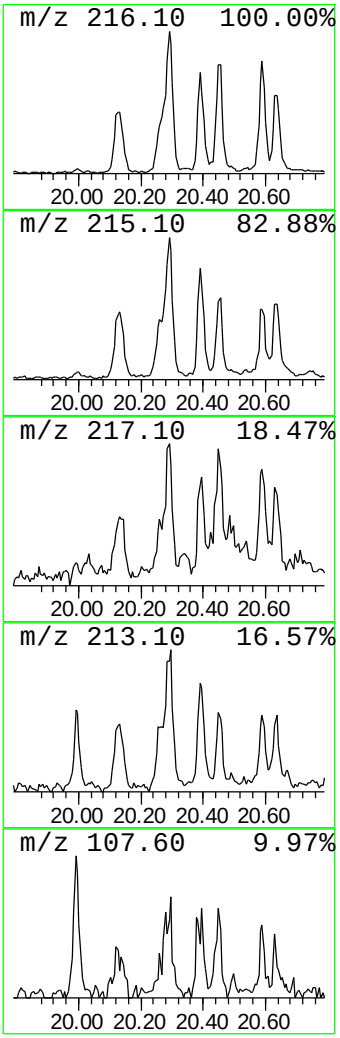
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.81 ng	171841	Chrysene-d12	21.65

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	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Data File : BG043535.D
Acq On : 7 Nov 2019 00:40
Operator : JU
Sample : K5671-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-110519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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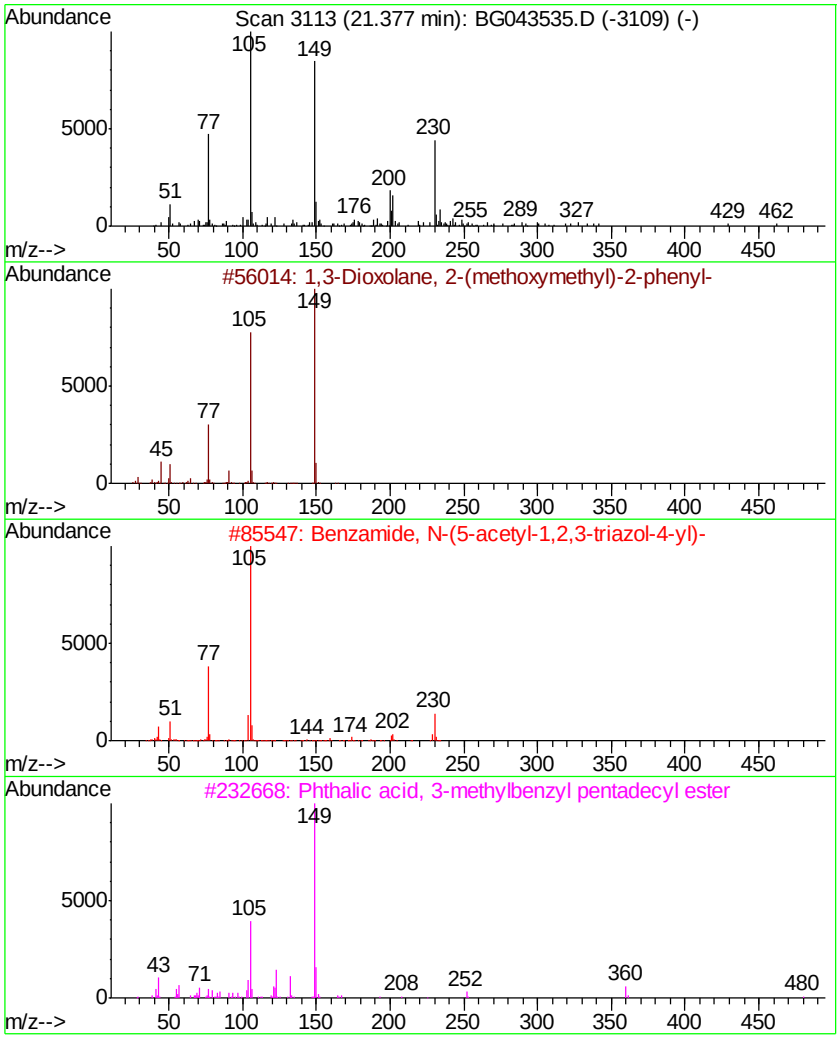
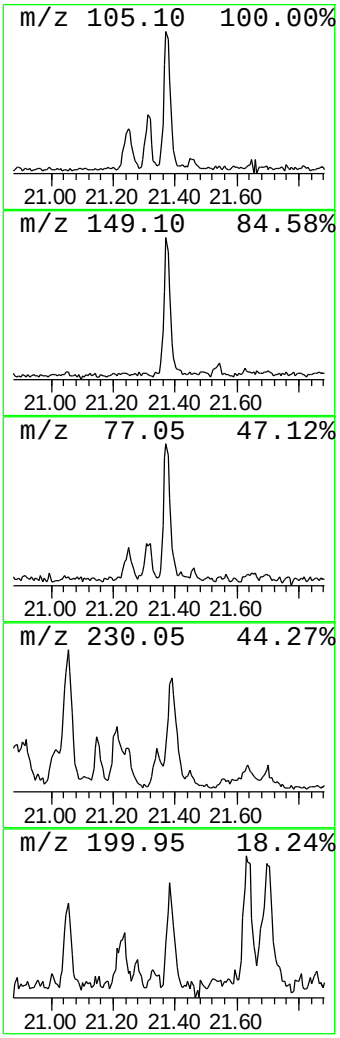
Peak Number 15 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	2.51 ng	153235	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	50
2	Benzamide, N-(5-acetyl-1,2,3-tri...	230	C11H10N4O2	129959-33-7	43
3	Phthalic acid, 3-methylbenzyl pe...	480	C31H44O4	1000371-09-6	38
4	Phthalic acid, 3-fluorobenzyl he...	498	C31H43FO4	1000377-90-0	27
5	Phthalic acid, 4-octyl pentyl ester	348	C21H32O4	1000314-83-9	27





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : OR-02-110519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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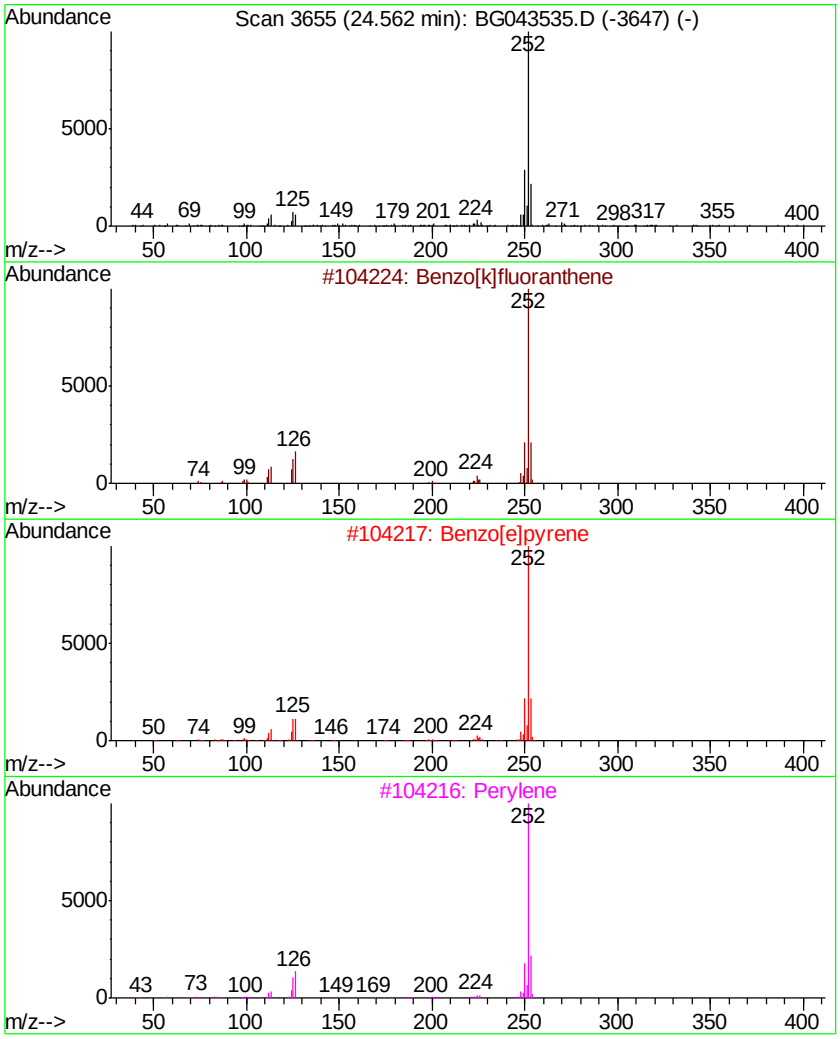
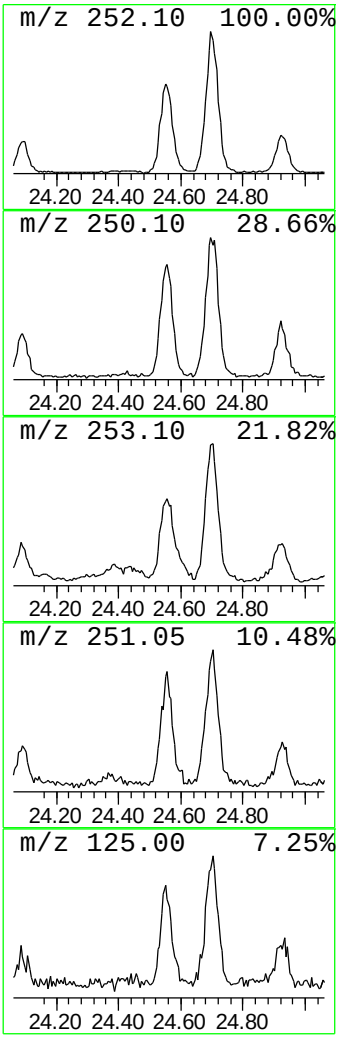
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.56	8.53 ng	323260	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

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Acq On : 7 Nov 2019 00:40
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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
Butane, 2-methoxy...	3.19	6.5	ng	84489	1	8.01	260613	20.0
2-Pentanone, 4-hy...	5.12	6.5	ng	85225	1	8.01	260613	20.0
unknown7.55	7.55	36.3	ng	473113	1	8.01	260613	20.0
3-Trifluoromethyl...	15.69	2.1	ng	50930	3	14.64	485994	20.0
Phenanthrene, 1-m...	18.26	3.6	ng	96676	4	17.39	535378	20.0
Phenanthrene, 2-m...	18.31	4.1	ng	109346	4	17.39	535378	20.0
4H-Cyclopenta[def...	18.46	6.7	ng	178743	4	17.39	535378	20.0
Naphtho[2,3-b]nor...	18.49	2.1	ng	55235	4	17.39	535378	20.0
5,16[1',2']:8,13[...	18.76	2.1	ng	56018	4	17.39	535378	20.0
9,10-Dimethylanth...	19.17	5.2	ng	137775	4	17.39	535378	20.0
unknown19.32	19.32	3.3	ng	89200	4	17.39	535378	20.0
Pyrene, 1-methyl-	20.12	2.2	ng	133932	5	21.65	1221580	20.0
11H-Benzo[b]fluorene	20.29	2.8	ng	171841	5	21.65	1221580	20.0
1,3-Dioxolane, 2-...	21.38	2.5	ng	153235	5	21.65	1221580	20.0
Benzo[e]pyrene	24.56	8.5	ng	323260	6	24.86	757526	20.0