LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059632.D
Acq On : 4 Nov 2023 22:03
Operator : MA/JU
Sample : 05060-11DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DCKG9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SFAM-EPA-BG110323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059632.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.758	58	63	64	rBV3	5970	6775	0.38%	0.067%
2	4.252	145	147	151	rBV2	4816	6197	0.35%	0.061%
3	4.399	167	172	173	rBV2	6310	7730	0.43%	0.076%
4	4.628	206	211	213	rBV2	5183	7864	0.44%	0.077%
5	5.257	316	318	322	rVB	6101	6978	0.39%	0.069%
6	5.450	350	351	354	rBV	4827	5401	0.30%	0.053%
7	6.202	477	479	482	rBV	3935	5154	0.29%	0.051%
8	6.808	579	582	585	rBV	4500	5162	0.29%	0.051%
9	7.219	650	652	656	rVB	4694	5961	0.33%	0.059%
10	7.460	687	693	701	rVB4	18894	38531	2.15%	0.380%
11	7.671	723	729	733	rBV4	14380	26228	1.46%	0.258%
12	7.718	736	737	740	rBV	6360	5311	0.30%	0.052%
13	7.812	750	753	756	rBV	5504	6756	0.38%	0.067%
14	7.859	756	761	767	rVV3	20471	38250	2.13%	0.377%
15	8.012	784	787	790	rBV3	3786	5467	0.30%	0.054%
16	8.271	829	831	834	rVB3	7414	5810	0.32%	0.057%
17	8.353	839	845	853	rVB3	155013	288426	16.09%	2.841%
18	8.782	915	918	920	rBV3	5282	5154	0.29%	0.051%
19	9.034	957	961	967	rVB3	20253	34463	1.92%	0.339%
20	9.087	968	970	973	rVB3	5365	5055	0.28%	0.050%
21	9.199	984	989	993	rBV4	14468	30089	1.68%	0.296%
22	9.546	1045	1048	1057	rVB2	20819	35232	1.97%	0.347%
23	9.998	1123	1125	1128	rVB2	5883	5621	0.31%	0.055%
24	10.051	1130	1134	1137	rVV2	4453	6035	0.34%	0.059%
25	10.262	1167	1170	1175	rVB3	18602	32174	1.79%	0.317%
26	10.797	1256	1261	1266	rVB2	33453	50520	2.82%	0.498%
27	11.044	1299	1303	1306	rBV2	5081	7866	0.44%	0.077%
28	11.203	1323	1330	1336	rBV	258056	458587	25.58%	4.517%
29	11.349	1349	1355	1356	rBV2	10521	17251	0.96%	0.170%
30	12.336	1520	1523	1527	rBV	3704	5767	0.32%	0.057%
31	12.677	1576	1581	1582	rBV	4984	5902	0.33%	0.058%
32	12.830	1601	1607	1612	rBV5	17485	37177	2.07%	0.366%
33	13.047	1640	1644	1649	rVB2	11854	16705	0.93%	0.165%
34	13.553	1728	1730	1733	rVB2	6684	5675	0.32%	0.056%
35	13.735	1760	1761	1763	rBV2	6805	6654	0.37%	0.066%
36	13.805	1770	1773	1779	rBV7	17952	29236	1.63%	0.288%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059632.D
Acq On : 4 Nov 2023 22:03
Operator : MA/JU
Sample : 05060-11DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DCKG9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SFAM-EPA-BG110323.MA.M
Title : SVOA CALIBRATION

37	14.005	1804	1807	1812	rBV3	9136	14554	0.81%	0.143%
38	14.140	1826	1830	1831	rBV2	13894	16784	0.94%	0.165%
39	14.223	1840	1844	1846	rBV	5616	8300	0.46%	0.082%
40	14.299	1849	1857	1861	rVV5	26462	56467	3.15%	0.556%
41	14.369	1863	1869	1875	rVB3	70368	126806	7.07%	1.249%
42	14.534	1892	1897	1900	rBV3	13754	22412	1.25%	0.221%
43	14.563	1900	1902	1907	rVB3	8539	9656	0.54%	0.095%
44	14.687	1917	1923	1933	rVB2	70557	129003	7.20%	1.271%
45	14.980	1967	1973	1979	rVB	416551	631614	35.24%	6.221%
46	15.045	1979	1984	1990	rVB	231456	353478	19.72%	3.482%
47	15.104	1993	1994	1996	rBV	7654	5960	0.33%	0.059%
48	15.157	1996	2003	2005	rBV5	18856	33249	1.85%	0.327%
49	15.286	2021	2025	2029	rVB2	11573	15173	0.85%	0.149%
50	15.374	2029	2040	2045	rVB3	51180	111773	6.24%	1.101%
51	15.427	2047	2049	2053	rVB3	13910	19431	1.08%	0.191%
52	15.562	2070	2072	2079	rVB5	14908	23865	1.33%	0.235%
53	15.627	2079	2083	2088	rBV4	13421	19721	1.10%	0.194%
54	15.968	2136	2141	2146	rBV2	76172	119895	6.69%	1.181%
55	16.020	2146	2150	2156	rVB	129890	200516	11.19%	1.975%
56	16.308	2195	2199	2204	rVB2	31678	47884	2.67%	0.472%
57	17.231	2350	2356	2360	rBV7	31660	57380	3.20%	0.565%
58	17.442	2388	2392	2397	rVB4	26242	44918	2.51%	0.442%
59	17.730	2435	2441	2445	rBV	485341	772903	43.12%	7.613%
60	17.777	2445	2449	2454	rVV	709711	1084922	60.53%	10.686%
61	17.830	2455	2458	2460	rVV2	84438	116573	6.50%	1.148%
62	17.865	2460	2464	2470	rVB	274653	406833	22.70%	4.007%
63	18.141	2507	2511	2515	rVB2	80456	120130	6.70%	1.183%
64	18.600	2585	2589	2592	rVV	82953	107904	6.02%	1.063%
65	18.647	2594	2597	2605	rVB2	116288	157157	8.77%	1.548%
66	18.799	2617	2623	2627	rBV	191950	342943	19.13%	3.378%
67	19.087	2669	2672	2676	rVB2	97262	128261	7.16%	1.263%
68	19.134	2678	2680	2686	rVB5	46975	65176	3.64%	0.642%
69	19.769	2782	2788	2794	rBV	1241181	1792463	100.00%	17.655%
70	20.092	2838	2843	2846	rBV3	234960	454163	25.34%	4.473%
71	20.133	2846	2850	2856	rVB	913756	1267193	70.70%	12.481%

Sum of corrected areas: 10152624

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
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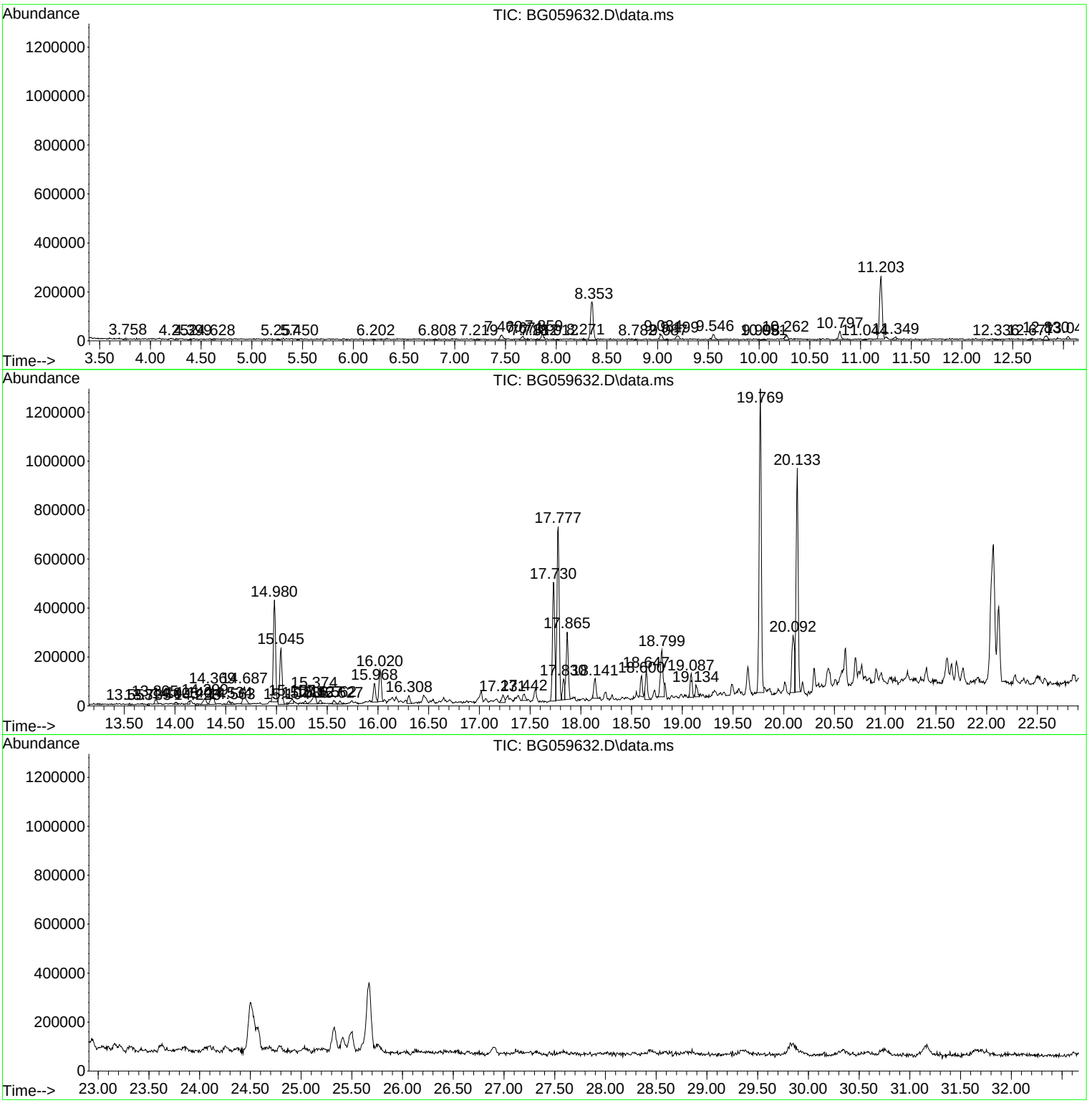
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCKG9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059632.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

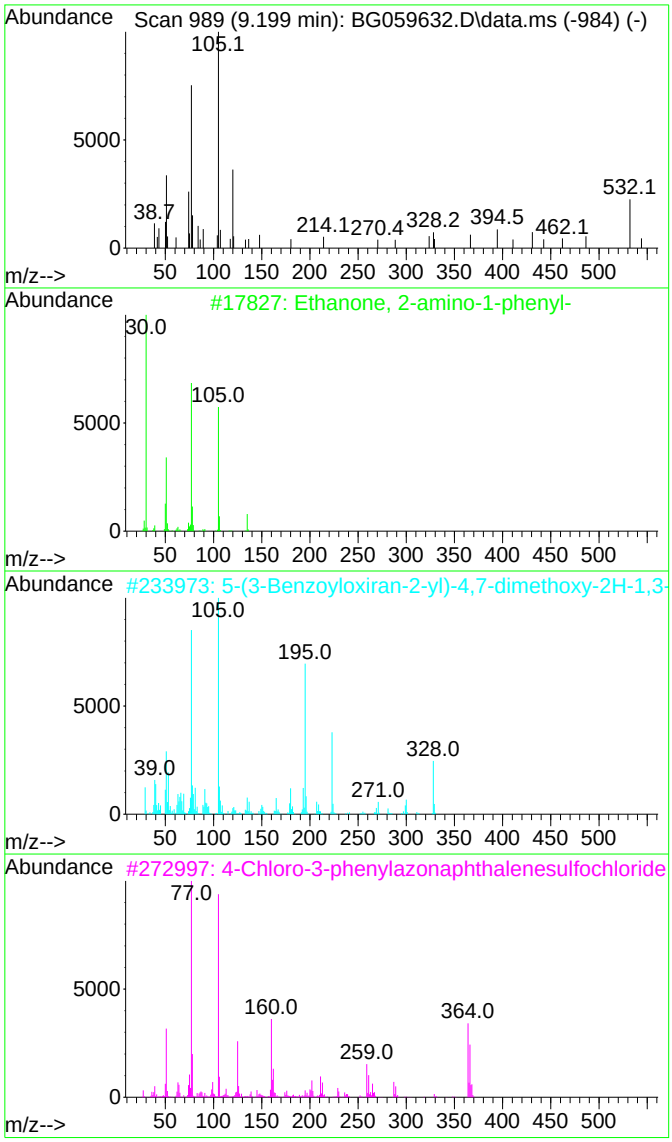
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

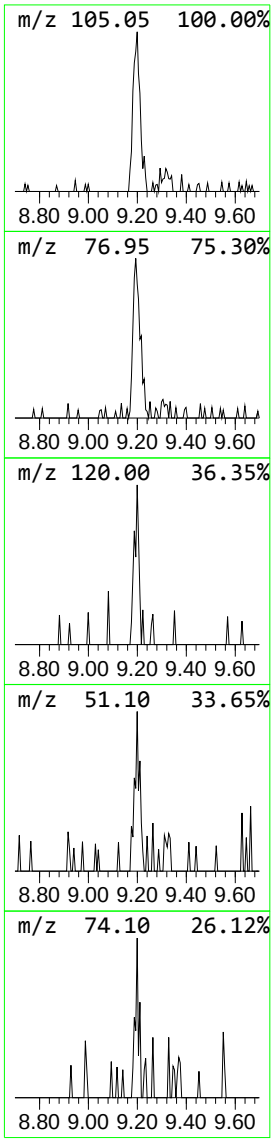
****

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.199	2.09 ng/ul	30089	1,4-Dichlorobenzene-d4	8.353

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	23
2	5-(3-Benzoyloxiran-2-yl)-4,7-dim...	328	C18H16O6	1000444-03-4	9
3	4-Chloro-3-phenylazonaphthalenes...	364	C16H10Cl2N2O2S	1010197-40-9	9
4	Methanol, diphenyl(.alpha.,.alph...	328	C20H15F3O	021856-96-2	9
5	benzamide, N-[[2-(cyclohexylamin...	328	C19H24N2OS	1000398-00-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059632.D
Acq On : 4 Nov 2023 22:03
Operator : MA/JU
Sample : 05060-11DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCKG9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

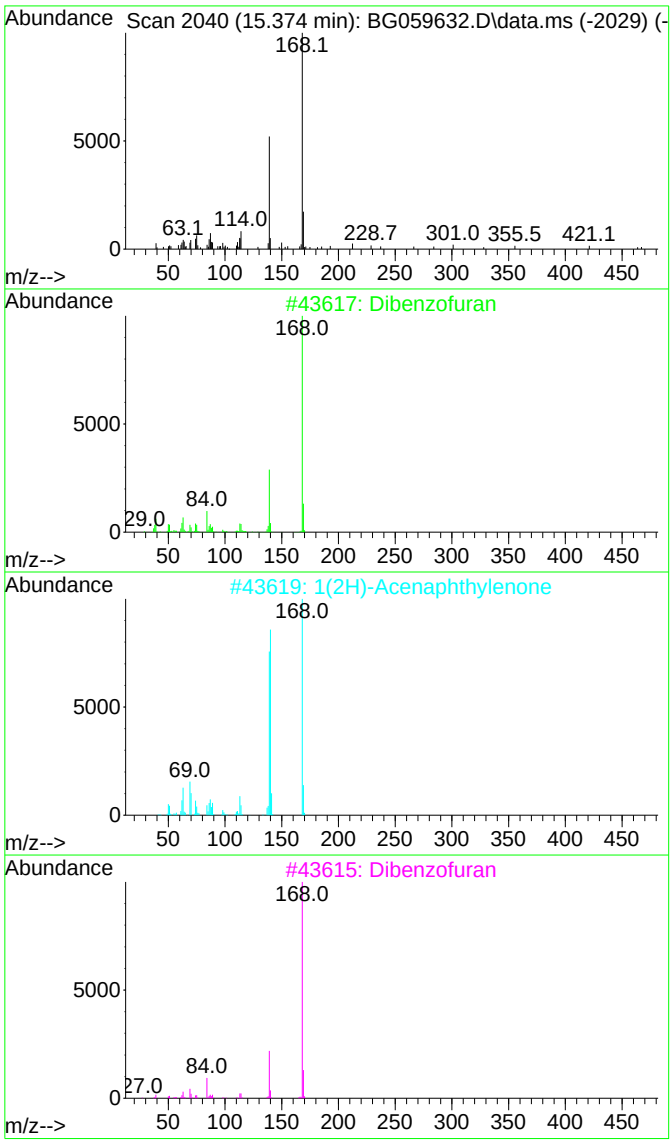
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

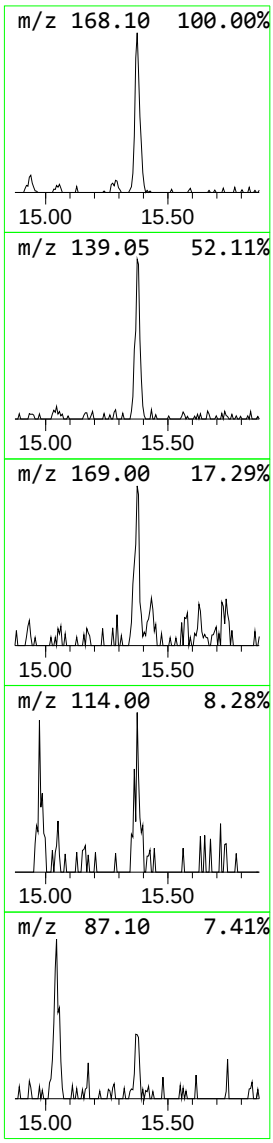
****

Peak Number 2 Dibenzo furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	3.54 ng/ul	111773	Acenaphthene-d10	14.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	87
2	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	78
3	Dibenzofuran	168	C12H8O	000132-64-9	53
4	5-Chloro-2-benzofuran-1(3H)-one	168	C8H5ClO2	054109-03-4	50
5	Quinoline-4-carbonitrile, 2-methyl-	168	C11H8N2	1000317-19-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059632.D
Acq On : 4 Nov 2023 22:03
Operator : MA/JU
Sample : 05060-11DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCKG9DL

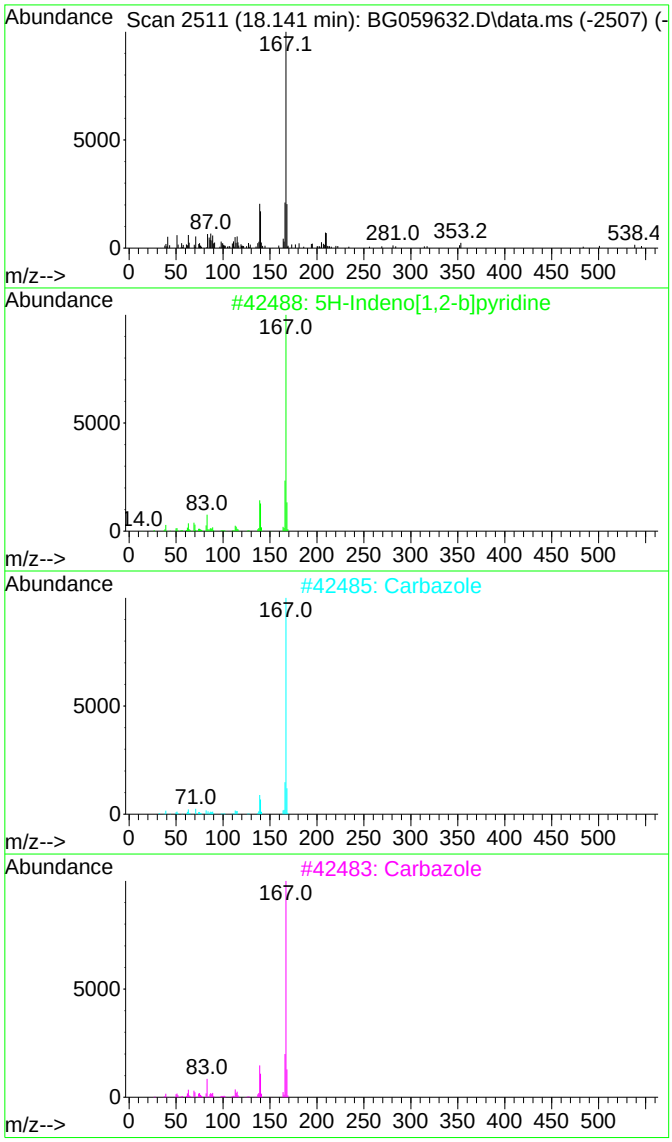
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

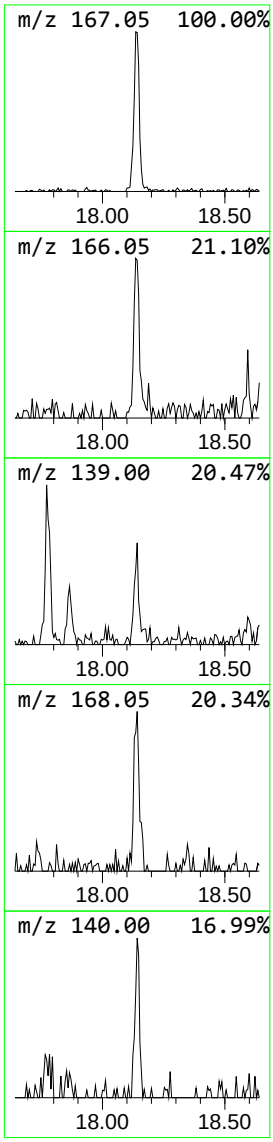
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.141	3.11 ng/ul	120130	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
2	Carbazole	167	C12H9N	000086-74-8	83
3	Carbazole	167	C12H9N	000086-74-8	80
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	72
5	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
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Sample : 05060-11DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCKG9DL

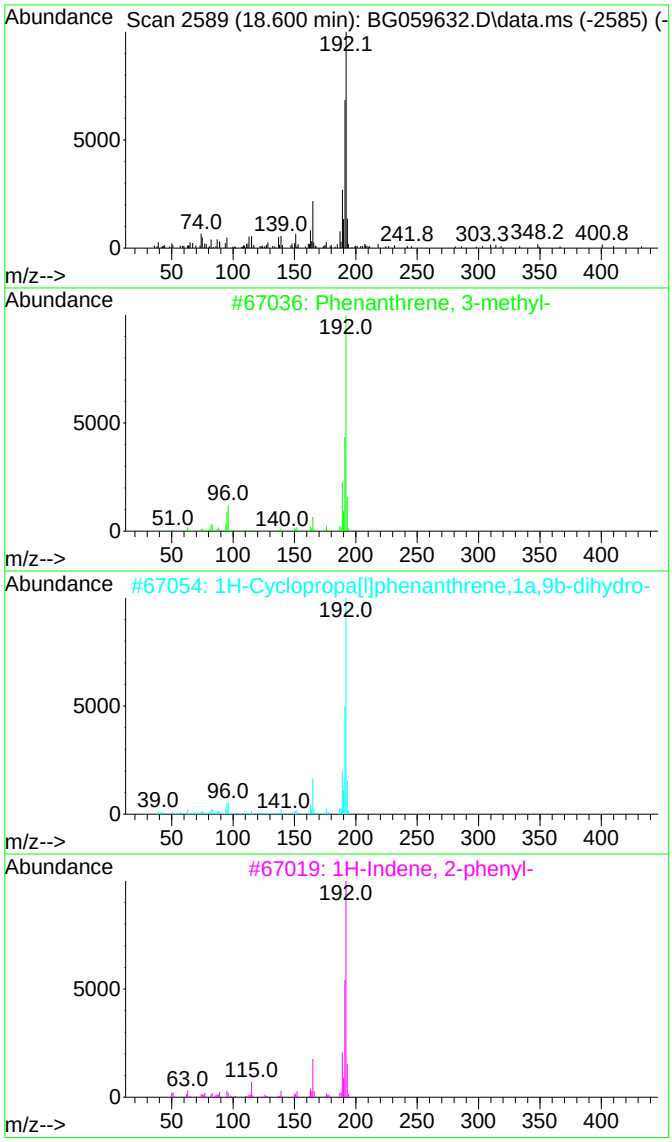
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

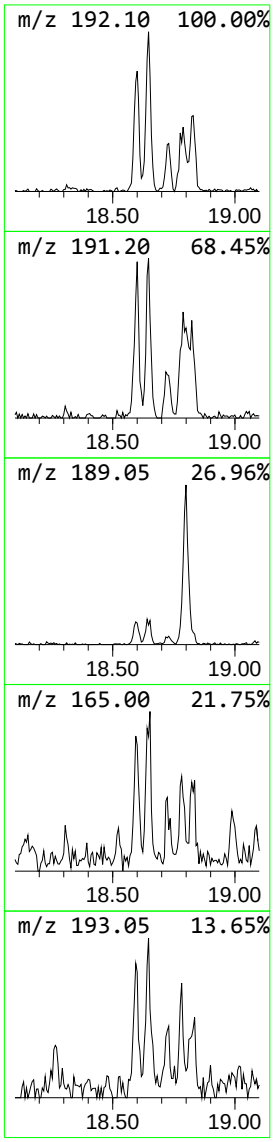
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.600	2.79 ng/ul	107904	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
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Acq On : 4 Nov 2023 22:03
Operator : MA/JU
Sample : 05060-11DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCKG9DL

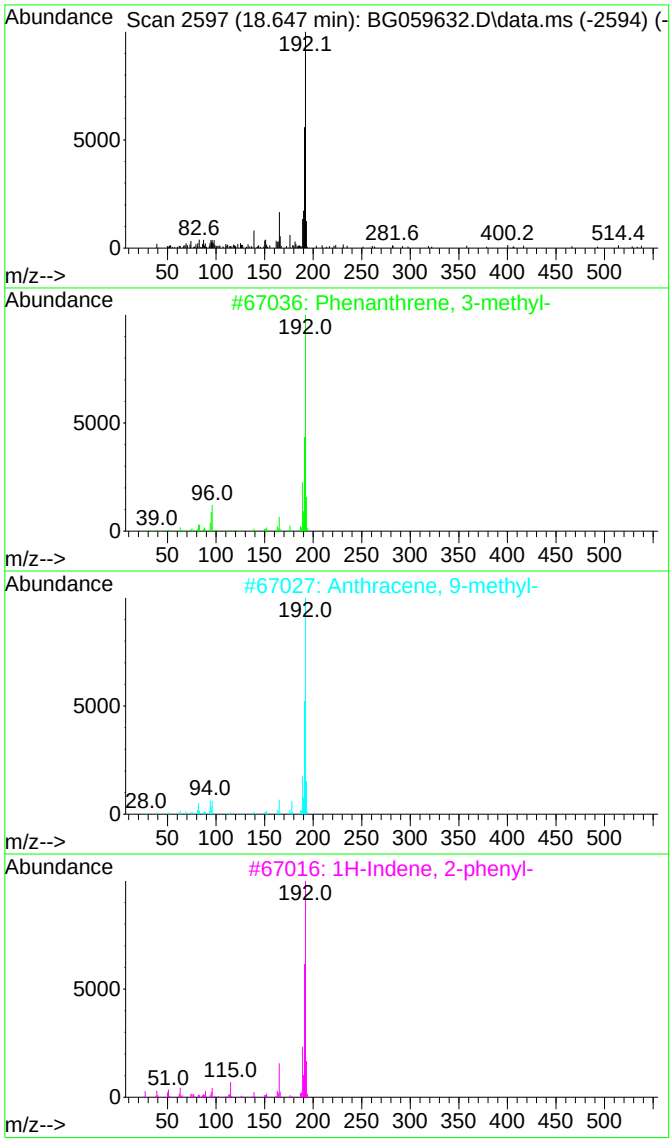
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

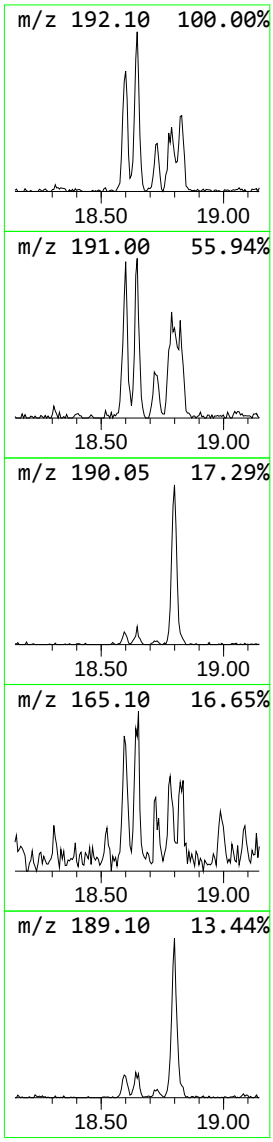
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.647	4.07 ng/ul	157157	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72





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Data File : BG059632.D
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Sample : 05060-11DL 5X
Misc :
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Instrument :
BNA_G
ClientSampleId :
DCKG9DL

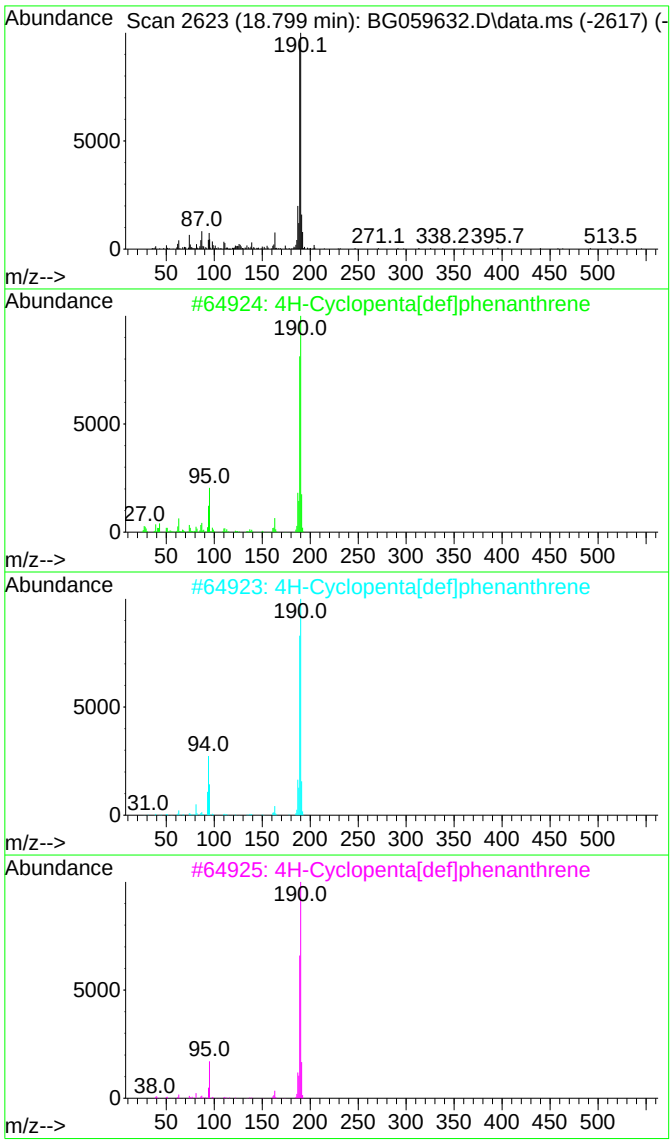
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

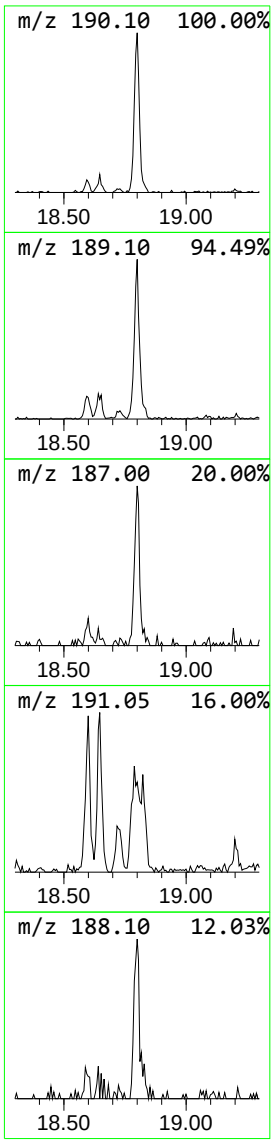
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.799	8.87 ng/ul	342943	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	78
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059632.D
Acq On : 4 Nov 2023 22:03
Operator : MA/JU
Sample : 05060-11DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCKG9DL

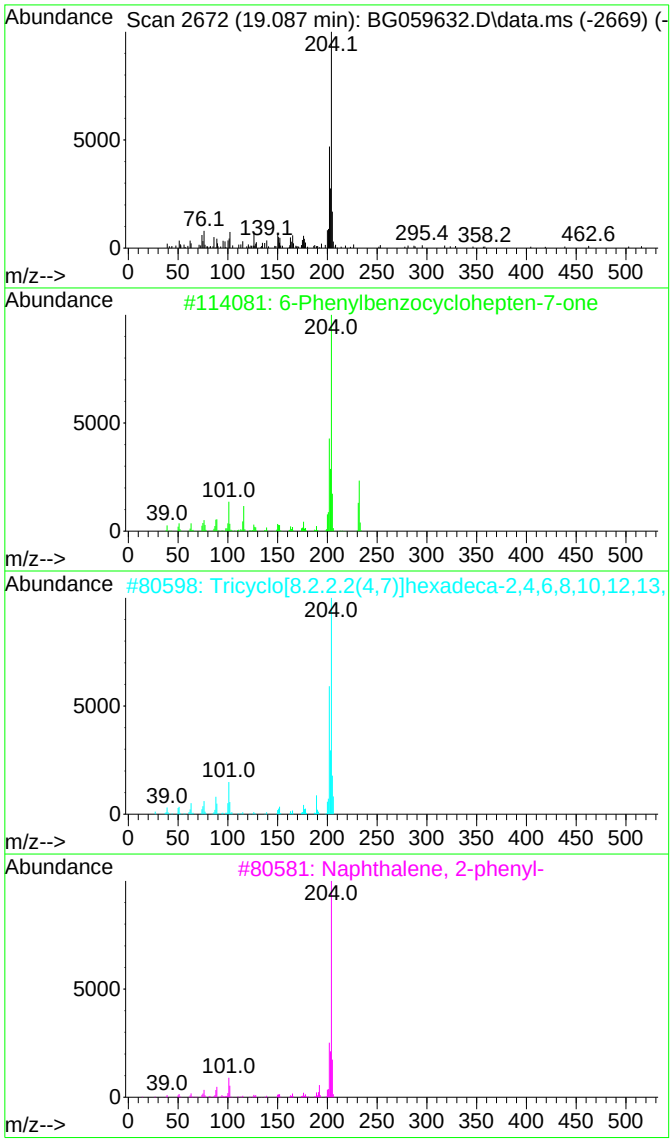
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

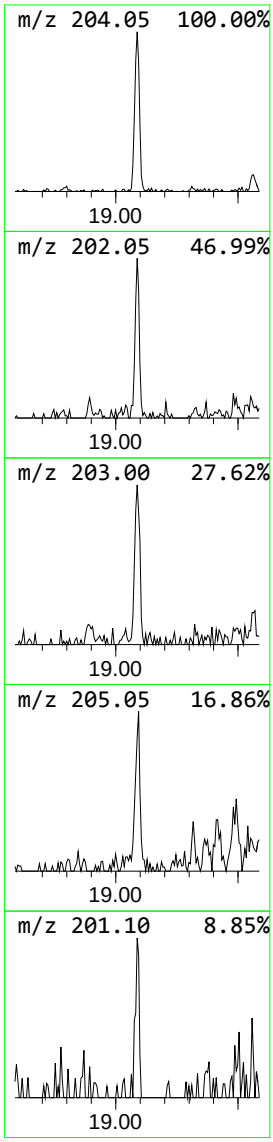
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 6-Phenylbenzocyclohepten-7-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.087	3.32 ng/ul	128261	Phenanthrene-d10	17.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	78
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059632.D
Acq On : 4 Nov 2023 22:03
Operator : MA/JU
Sample : 05060-11DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCKG9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA 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
unknown-01	9.199	2.1	ng/ul	30089	1	8.353	288426	20.0
Dibenzo furan	15.374	3.5	ng/ul	111773	3	14.980	631614	20.0
5H-Indeno[1,2-b...	18.141	3.1	ng/ul	120130	4	17.730	772903	20.0
Phenanthrene, 3...	18.600	2.8	ng/ul	107904	4	17.730	772903	20.0
Anthracene, 9-m...	18.647	4.1	ng/ul	157157	4	17.730	772903	20.0
4H-Cyclopenta[d...	18.799	8.9	ng/ul	342943	4	17.730	772903	20.0
6-Phenylbenzocy...	19.087	3.3	ng/ul	128261	4	17.730	772903	20.0