LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050218.D
Acq On : 9 Sep 2021 4:21
Operator : CG/JU
Sample : M3608-02DL2 100X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKJ8DL2

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-BG090721.M
Title : SVOA CALIBRATION

Signal : TIC: BG050218.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.708	112	114	117	rBV2	3452	5058	0.41%	0.068%
2	4.066	172	175	181	rVB3	5847	10836	0.89%	0.146%
3	4.372	224	227	230	rBV3	2987	4525	0.37%	0.061%
4	5.423	399	406	411	rVB2	24857	40117	3.29%	0.541%
5	5.928	489	492	497	rVB3	4929	7163	0.59%	0.097%
6	7.285	721	723	726	rVV4	3660	4875	0.40%	0.066%
7	7.591	770	775	780	rVB4	8100	13585	1.11%	0.183%
8	7.667	782	788	792	rBV2	16167	28667	2.35%	0.387%
9	7.949	829	836	848	rBV	241015	376316	30.82%	5.074%
10	8.067	855	856	863	rVB4	3981	4913	0.40%	0.066%
11	8.213	876	881	884	rBV2	4115	8923	0.73%	0.120%
12	8.319	893	899	907	rVB	167675	287696	23.56%	3.879%
13	8.419	912	916	920	rVV4	6667	11873	0.97%	0.160%
14	8.484	922	927	934	rVB	33711	57809	4.73%	0.779%
15	8.754	969	973	979	rBV2	4580	9665	0.79%	0.130%
16	9.136	1033	1038	1042	rBV3	3670	7105	0.58%	0.096%
17	9.318	1065	1069	1073	rBV3	3486	5279	0.43%	0.071%
18	9.388	1077	1081	1085	rVV2	5211	10357	0.85%	0.140%
19	9.441	1087	1090	1095	rVV4	7953	12581	1.03%	0.170%
20	9.494	1097	1099	1107	rVB3	3479	5777	0.47%	0.078%
21	9.952	1171	1177	1180	rBV3	18659	34956	2.86%	0.471%
22	10.152	1208	1211	1217	rBV6	6643	12416	1.02%	0.167%
23	10.264	1225	1230	1234	rVB4	10234	16096	1.32%	0.217%
24	10.399	1247	1253	1263	rBV5	27820	62456	5.11%	0.842%
25	10.675	1294	1300	1301	rBV3	13210	18679	1.53%	0.252%
26	10.763	1309	1315	1319	rBV	225295	398222	32.61%	5.369%
27	10.816	1319	1324	1334	rVB	427640	757141	62.01%	10.208%
28	10.939	1338	1345	1351	rVB	26277	50064	4.10%	0.675%
29	11.615	1455	1460	1466	rBV4	5687	9715	0.80%	0.131%
30	11.861	1497	1502	1507	rVB2	2903	6060	0.50%	0.082%
31	12.173	1550	1555	1559	rBV4	3980	6526	0.53%	0.088%
32	12.325	1576	1581	1587	rBV4	3304	6793	0.56%	0.092%
33	12.431	1593	1599	1605	rBV	113053	188435	15.43%	2.541%
34	12.555	1615	1620	1627	rVB6	13145	24038	1.97%	0.324%
35	12.649	1627	1636	1643	rVB	66364	112557	9.22%	1.518%
36	12.842	1665	1669	1678	rVB3	3250	6205	0.51%	0.084%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050218.D
Acq On : 9 Sep 2021 4:21
Operator : CG/JU
Sample : M3608-02DL2 100X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKJ8DL2

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-BG090721.M
Title : SVOA CALIBRATION

37	13.083	1705	1710	1713	rBV4	3643	5098	0.42%	0.069%
38	13.154	1718	1722	1725	rVB4	3540	4938	0.40%	0.067%
39	13.354	1751	1756	1761	rBV3	13336	22537	1.85%	0.304%
40	13.442	1764	1771	1779	rVB	19562	35042	2.87%	0.472%
41	13.659	1798	1808	1816	rBV5	14658	35660	2.92%	0.481%
42	13.788	1821	1830	1835	rBV5	6722	17748	1.45%	0.239%
43	13.929	1850	1854	1860	rVB5	9402	16461	1.35%	0.222%
44	13.982	1860	1863	1865	rVV3	6358	7208	0.59%	0.097%
45	14.006	1865	1867	1876	rVB2	6649	10233	0.84%	0.138%
46	14.299	1912	1917	1920	rBV	7047	12299	1.01%	0.166%
47	14.611	1963	1970	1975	rBV	345029	539831	44.21%	7.278%
48	14.675	1975	1981	1987	rVB	88546	143108	11.72%	1.929%
49	14.752	1987	1994	1999	rBV	20727	32503	2.66%	0.438%
50	14.810	1999	2004	2010	rVB	4953	7995	0.65%	0.108%
51	14.881	2013	2016	2021	rVV2	6834	10224	0.84%	0.138%
52	15.010	2033	2038	2049	rBV2	42428	72932	5.97%	0.983%
53	15.345	2089	2095	2099	rBV4	3417	6591	0.54%	0.089%
54	15.609	2132	2140	2143	rBV2	9288	14145	1.16%	0.191%
55	15.662	2143	2149	2156	rVB	36361	55688	4.56%	0.751%
56	15.774	2163	2168	2182	rBV5	39832	98945	8.10%	1.334%
57	15.885	2182	2187	2188	rVV2	5446	7469	0.61%	0.101%
58	15.903	2188	2190	2196	rVV5	6479	9625	0.79%	0.130%
59	16.097	2220	2223	2232	rVV5	4272	7956	0.65%	0.107%
60	16.338	2257	2264	2272	rBV5	5796	13472	1.10%	0.182%
61	16.490	2286	2290	2293	rVV3	4880	7236	0.59%	0.098%
62	16.573	2293	2304	2309	rVV5	9948	25385	2.08%	0.342%
63	16.626	2311	2313	2319	rVB2	6543	9467	0.78%	0.128%
64	16.714	2326	2328	2336	rVB3	2683	5499	0.45%	0.074%
65	16.861	2347	2353	2361	rVB4	6753	11135	0.91%	0.150%
66	17.154	2398	2403	2414	rVB5	9765	22451	1.84%	0.303%
67	17.360	2433	2438	2443	rVV	442795	663812	54.36%	8.950%
68	17.407	2443	2446	2452	rVV	36628	55527	4.55%	0.749%
69	17.466	2452	2456	2462	rVB2	12776	20263	1.66%	0.273%
70	17.560	2469	2472	2478	rBV3	4338	7482	0.61%	0.101%
71	17.701	2490	2496	2499	rBV2	3456	6160	0.50%	0.083%
72	17.771	2499	2508	2514	rVV	96531	157799	12.92%	2.128%
73	17.877	2521	2526	2532	rVV4	12230	24618	2.02%	0.332%
74	17.936	2532	2536	2543	rVB3	13904	22336	1.83%	0.301%
75	18.212	2579	2583	2592	rVB3	6655	11992	0.98%	0.162%
76	18.288	2592	2596	2600	rBV3	13152	20160	1.65%	0.272%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050218.D
Acq On : 9 Sep 2021 4:21
Operator : CG/JU
Sample : M3608-02DL2 100X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKJ8DL2

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Title : SVOA CALIBRATION

77	18.370	2605	2610	2616	rVV3	9081	16087	1.32%	0.217%
78	18.541	2634	2639	2644	rBV6	3590	8624	0.71%	0.116%
79	19.757	2841	2846	2850	rBV	12829	18734	1.53%	0.253%
80	20.162	2911	2915	2918	rBV2	4778	6794	0.56%	0.092%
81	20.227	2921	2926	2932	rVV2	25777	36323	2.97%	0.490%
82	20.696	3003	3006	3009	rBV4	5024	6235	0.51%	0.084%
83	21.437	3128	3132	3134	rBV3	6014	9105	0.75%	0.123%
84	21.531	3146	3148	3149	rBV	8472	7155	0.59%	0.096%
85	21.631	3159	3165	3175	rVB	741722	1221049	100.00%	16.463%
86	22.788	3361	3362	3365	rBV3	7108	6174	0.51%	0.083%
87	22.858	3369	3374	3376	rBV6	14396	28840	2.36%	0.389%
88	23.510	3483	3485	3488	rBV3	4719	5022	0.41%	0.068%
89	23.886	3543	3549	3557	rVB8	19321	46367	3.80%	0.625%
90	24.720	3689	3691	3694	rBV4	5026	4641	0.38%	0.063%
91	24.850	3702	3713	3722	rBV2	307361	875039	71.66%	11.798%
92	25.196	3769	3772	3774	rBV3	8629	11207	0.92%	0.151%
93	25.748	3864	3866	3868	rBV3	8091	9652	0.79%	0.130%
94	25.936	3892	3898	3907	rVB4	30791	93588	7.66%	1.262%
95	26.142	3932	3933	3939	rVB4	5698	6175	0.51%	0.083%
96	27.293	4118	4129	4139	rVB5	23924	92125	7.54%	1.242%
97	28.844	4389	4393	4394	rBV4	4041	5520	0.45%	0.074%
98	30.266	4633	4635	4638	rBV4	3553	5324	0.44%	0.072%
99	30.524	4676	4679	4682	rBV4	3799	5913	0.48%	0.080%
100	31.106	4773	4778	4782	rBV7	4609	8686	0.71%	0.117%

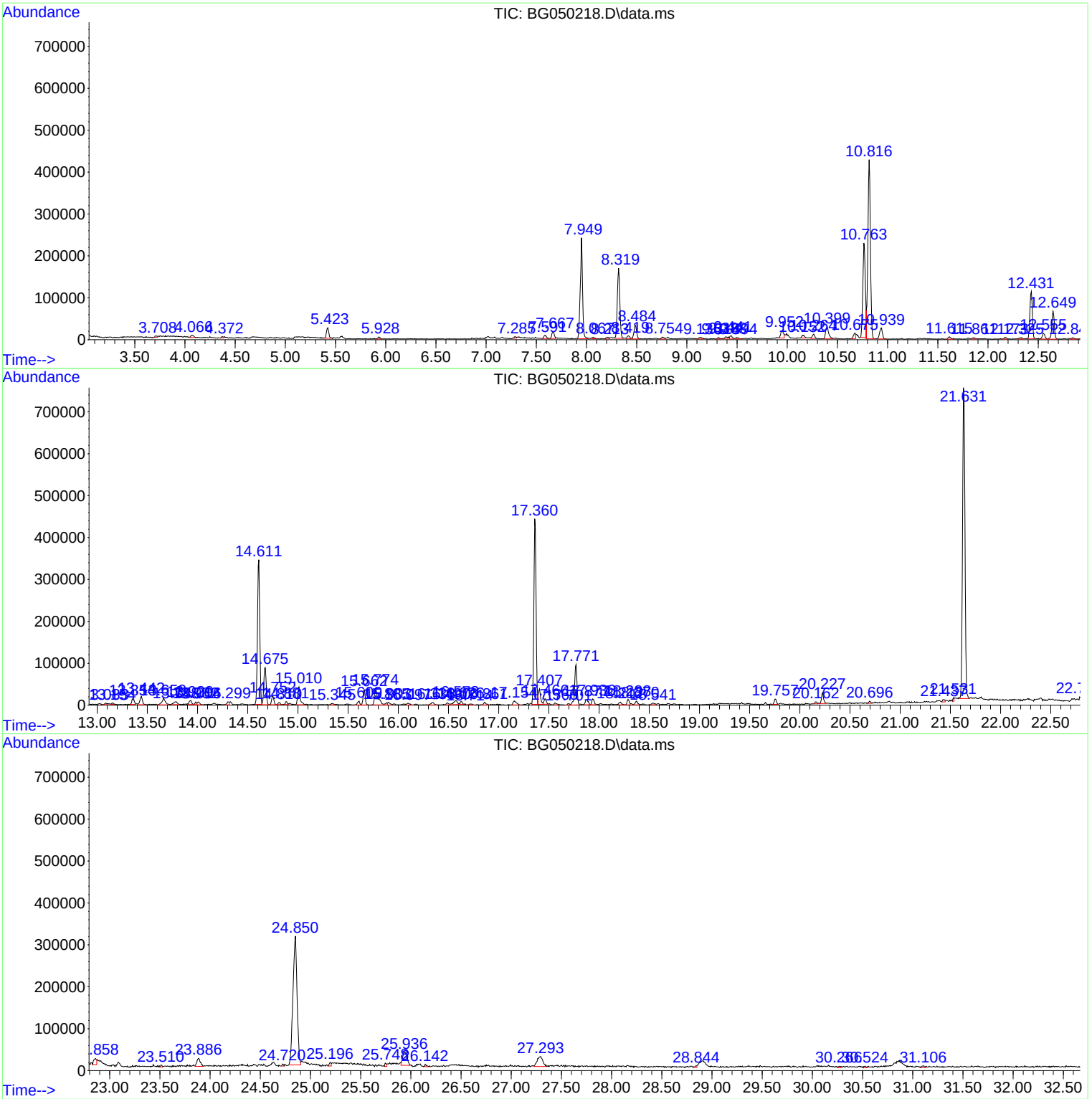
Sum of corrected areas: 7416888

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050218.D
Acq On : 9 Sep 2021 4:21
Operator : CG/JU
Sample : M3608-02DL2 100X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBKJ8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050218.D
Acq On : 9 Sep 2021 4:21
Operator : CG/JU
Sample : M3608-02DL2 100X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKJ8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

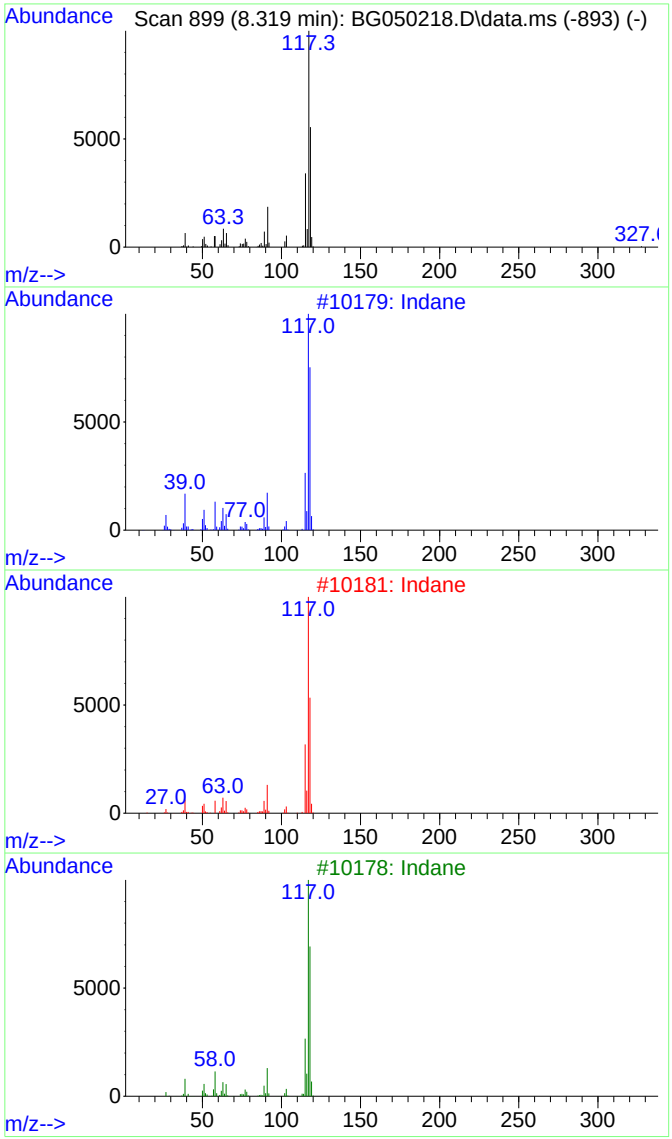
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

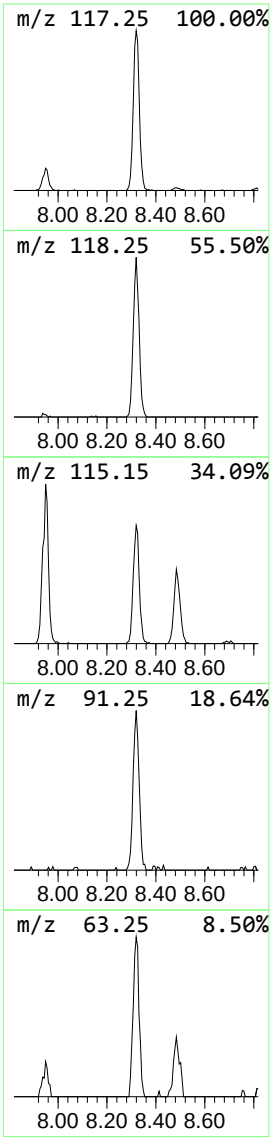
****

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	15.29 ng/ul	287696	1,4-Dichlorobenzene-d4	7.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050218.D
Acq On : 9 Sep 2021 4:21
Operator : CG/JU
Sample : M3608-02DL2 100X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKJ8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

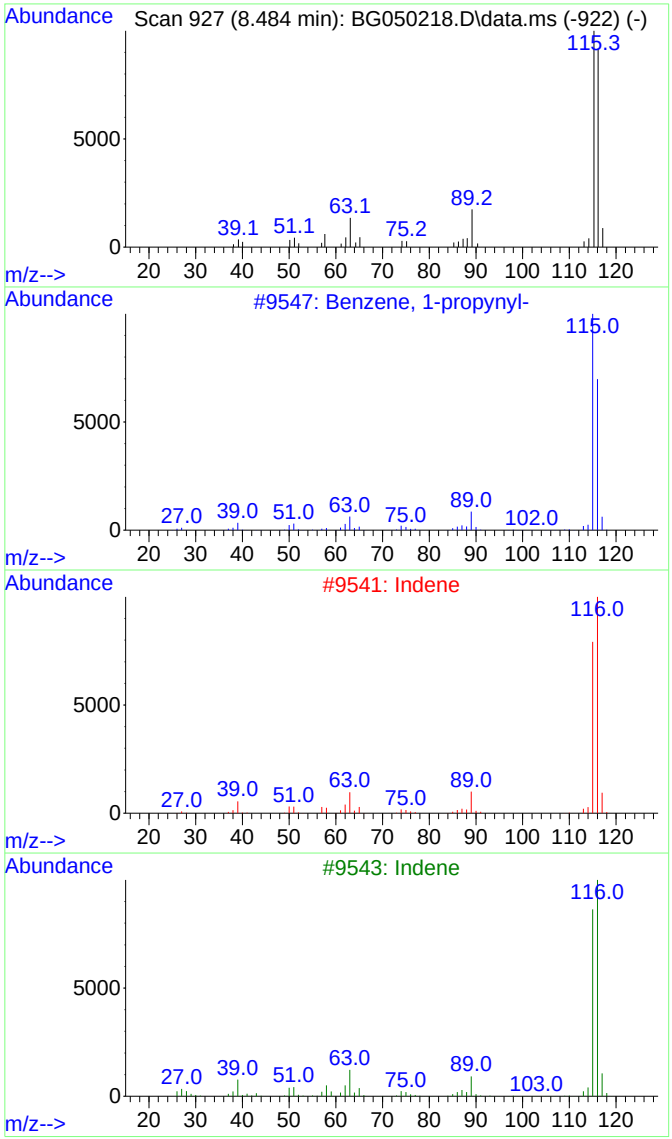
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

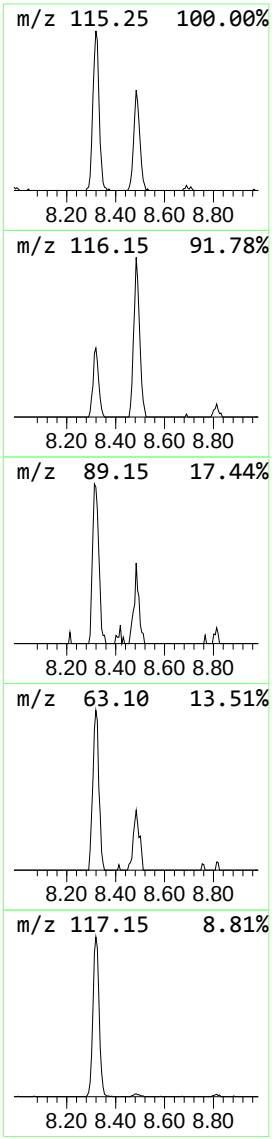
****

Peak Number 3 Benzene, 1-propynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.484	3.07 ng/ul	57809	1,4-Dichlorobenzene-d4	7.949

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	94
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050218.D
Acq On : 9 Sep 2021 4:21
Operator : CG/JU
Sample : M3608-02DL2 100X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKJ8DL2

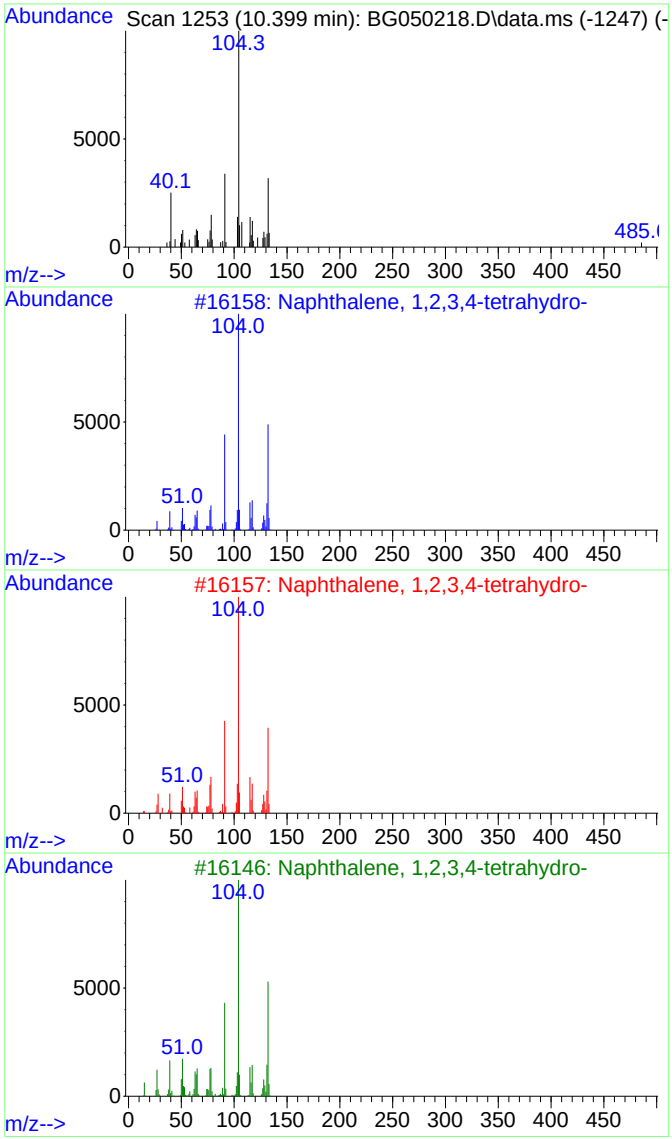
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

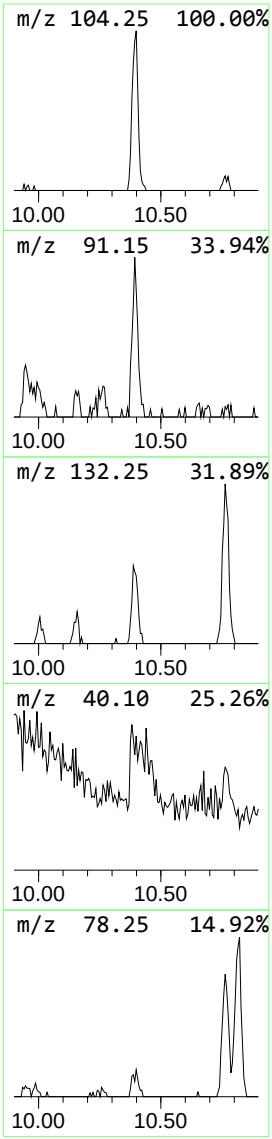
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.399	3.14 ng/ul	62456	Naphthalene-d8	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	53
4	3-Phenethyl-1,6,7,11b-tetrahydro...	356	C19H20N2O3S	1000481-87-2	53
5	3-Phenethyl-6,10b-dihydro-[1,2,4...	342	C18H18N2O3S	1000481-60-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
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Sample : M3608-02DL2 100X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKJ8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

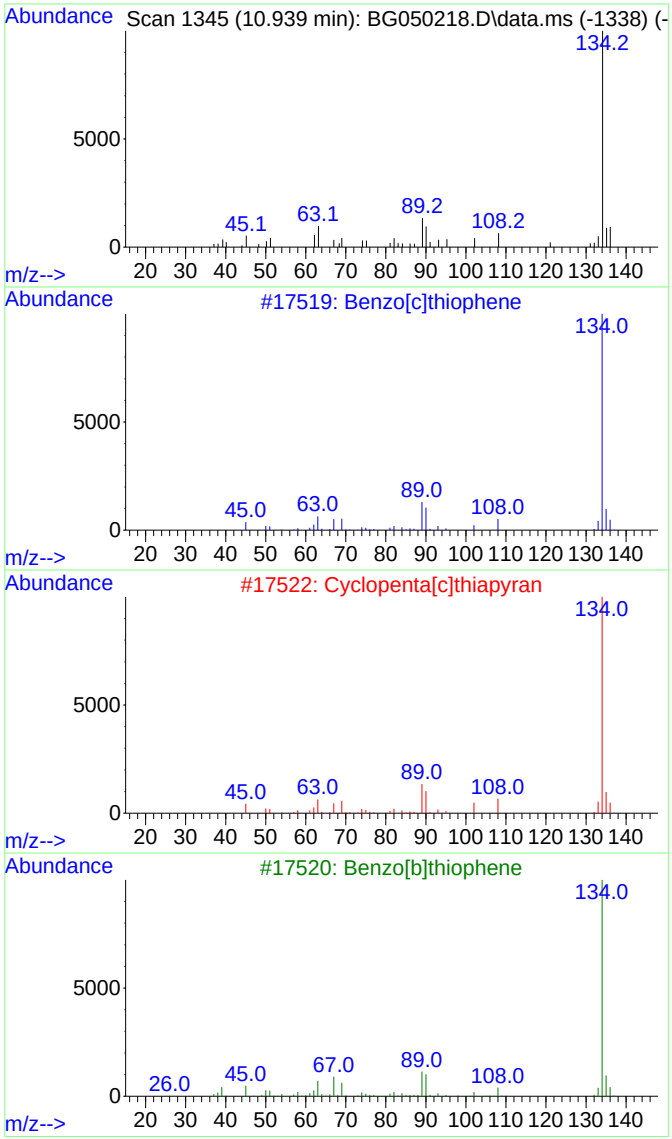
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

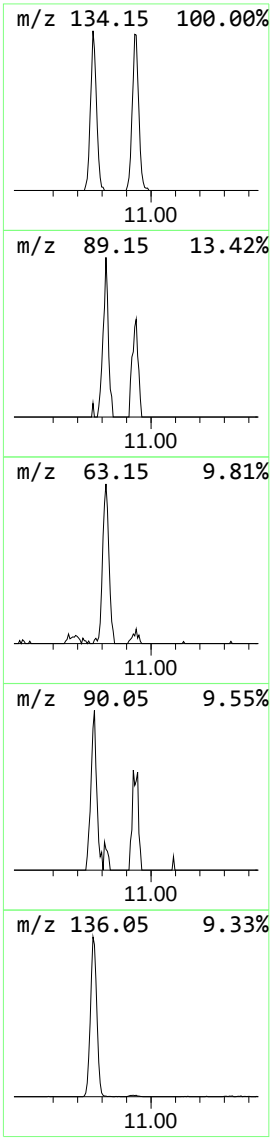
****

Peak Number 5 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.939	2.51 ng/ul	50064	Naphthalene-d8	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	91
2	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050218.D
Acq On : 9 Sep 2021 4:21
Operator : CG/JU
Sample : M3608-02DL2 100X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKJ8DL2

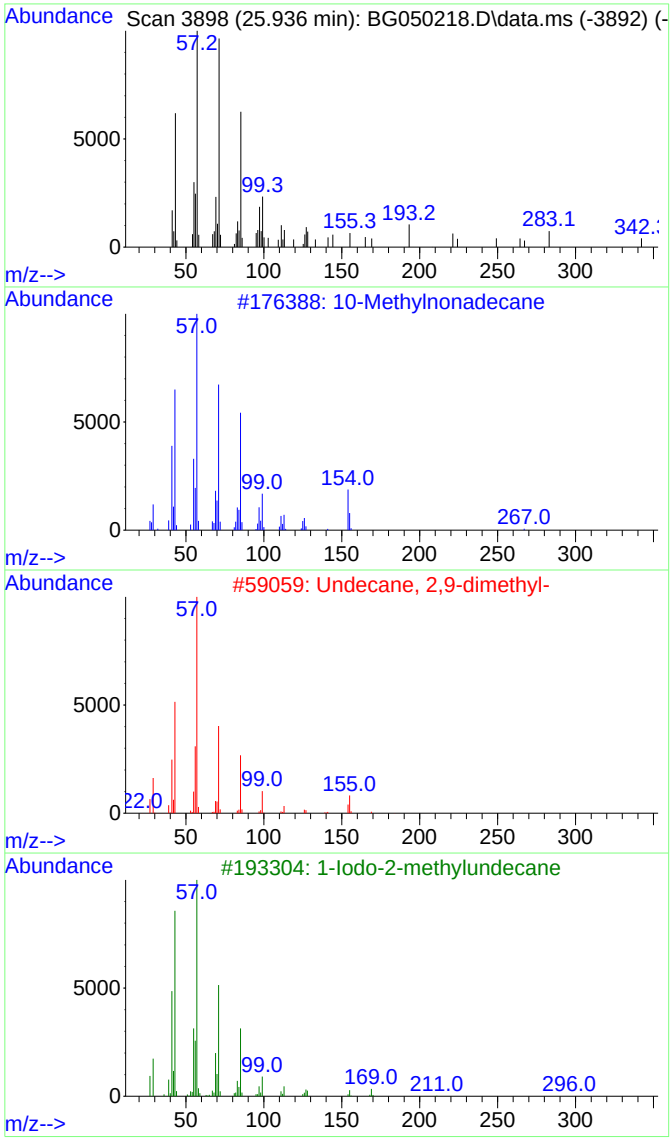
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

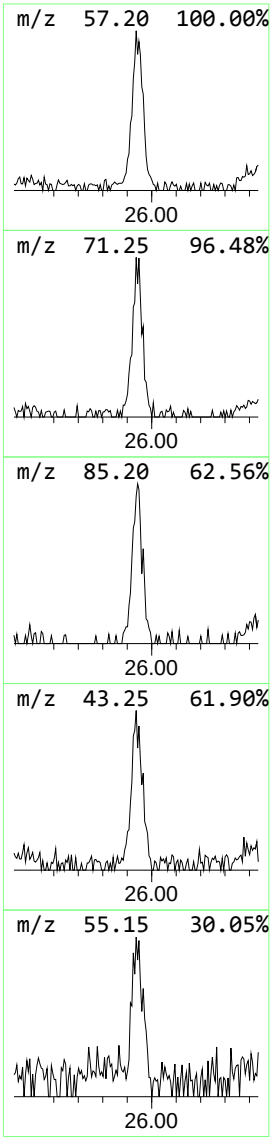
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.936	2.14 ng/ul	93588	Perylene-d12	24.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	72
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Nonadecane	268	C19H40	000629-92-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050218.D
Acq On : 9 Sep 2021 4:21
Operator : CG/JU
Sample : M3608-02DL2 100X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKJ8DL2

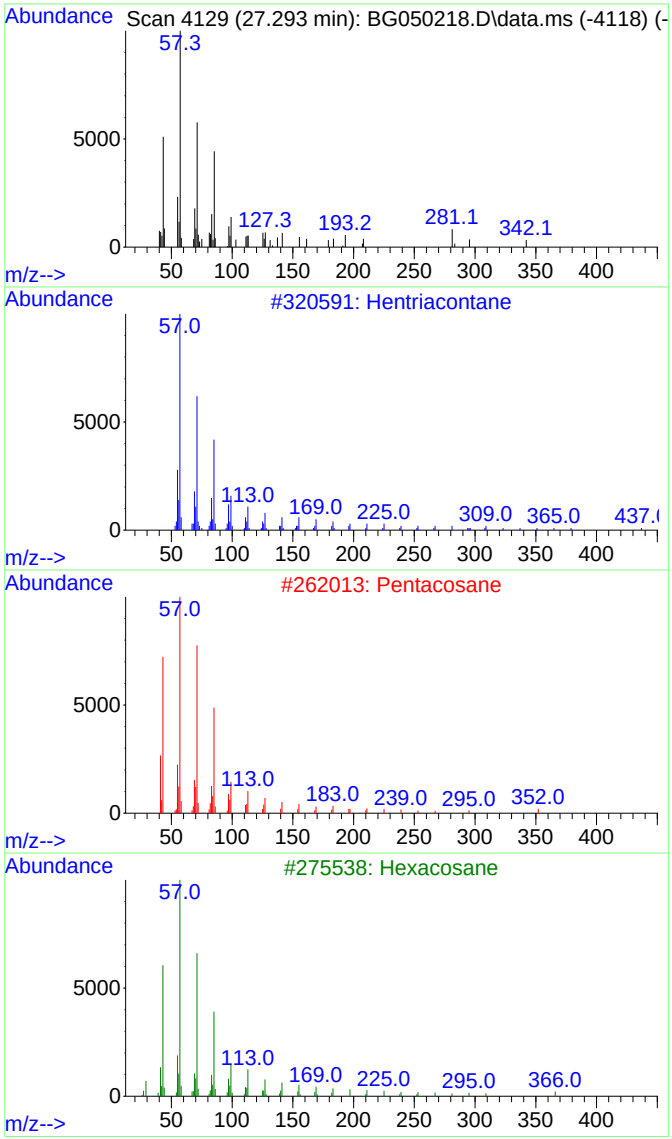
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

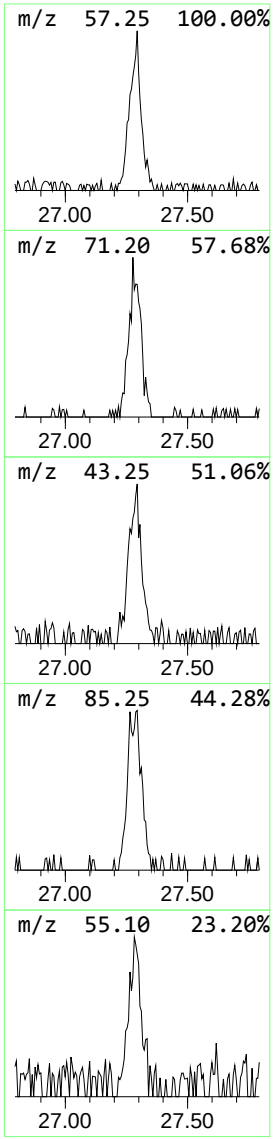
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.294	2.11 ng/ul	92125	Perylene-d12	24.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Pentacosane	352	C25H52	000629-99-2	83
3	Hexacosane	366	C26H54	000630-01-3	83
4	Heptacosane	380	C27H56	000593-49-7	80
5	Octacosane	394	C28H58	000630-02-4	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050218.D
Acq On : 9 Sep 2021 4:21
Operator : CG/JU
Sample : M3608-02DL2 100X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKJ8DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.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
Indane	8.319	15.3	ng/ul	287696	1	7.949	376316	20.0
Benzene, 1-prop...	8.484	3.1	ng/ul	57809	1	7.949	376316	20.0
Naphthalene, 1,...	10.399	3.1	ng/ul	62456	2	10.763	398222	20.0
Benzo[c]thiophene	10.939	2.5	ng/ul	50064	2	10.763	398222	20.0
(DEL) Alkane: S...	25.936	2.1	ng/ul	93588	6	24.850	875039	20.0
(DEL) Alkane: S...	27.294	2.1	ng/ul	92125	6	24.850	875039	20.0