LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002947.D
Acq On : 04 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5184-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC20

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_N\METHODS\SOM-EPA-BN091418MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.693	116	120	128	rVB	21846	31637	1.11%	0.088%
2	4.793	300	307	318	rBV2	32656	62313	2.18%	0.173%
3	5.181	368	373	377	rVB	43189	61669	2.15%	0.171%
4	5.328	389	398	405	rBV	53924	136937	4.78%	0.380%
5	5.663	448	455	462	rBV4	26286	55685	1.94%	0.155%
6	6.822	646	652	670	rVB	397003	780315	27.26%	2.167%
7	6.969	670	677	683	rBV	331301	510763	17.84%	1.418%
8	7.022	683	686	695	rVB2	18809	30981	1.08%	0.086%
9	7.163	703	710	722	rBV	436799	710338	24.81%	1.973%
10	7.275	722	729	736	rVB	57415	93365	3.26%	0.259%
11	7.622	778	788	797	rBV	494747	810668	28.32%	2.251%
12	7.740	803	808	815	rVB3	15742	33670	1.18%	0.094%
13	8.340	903	910	921	rBV	504803	882322	30.82%	2.450%
14	8.775	978	984	993	rBV	396993	674905	23.57%	1.874%
15	9.493	1099	1106	1116	rBV	343572	586943	20.50%	1.630%
16	10.034	1192	1198	1210	rBV	511352	973029	33.99%	2.702%
17	10.393	1251	1259	1266	rBV	758344	1315272	45.94%	3.653%
18	10.451	1266	1269	1277	rVB2	23894	37472	1.31%	0.104%
19	10.540	1277	1284	1298	rBV	337990	685736	23.95%	1.904%
20	11.928	1512	1520	1527	rBV	123508	202764	7.08%	0.563%
21	13.675	1812	1817	1822	rBV	995645	1424308	49.75%	3.956%
22	13.722	1822	1825	1834	rVB	568264	796735	27.83%	2.213%
23	13.951	1856	1864	1877	rBV	1235668	1869599	65.30%	5.192%
24	14.263	1910	1917	1925	rBV2	1209828	1866027	65.18%	5.182%
25	14.510	1954	1959	1981	rBV	244740	577855	20.18%	1.605%
26	15.069	2045	2054	2056	rBV8	13326	29084	1.02%	0.081%
27	15.263	2081	2087	2094	rBV	1613021	2267919	79.22%	6.298%
28	15.410	2107	2112	2121	rBV	254981	403384	14.09%	1.120%
29	15.504	2124	2128	2130	rVV2	23274	36850	1.29%	0.102%
30	15.528	2130	2132	2138	rVB3	19697	30166	1.05%	0.084%
31	15.992	2207	2211	2212	rBV2	35926	40318	1.41%	0.112%
32	16.334	2261	2269	2271	rBV7	17632	43228	1.51%	0.120%
33	16.528	2297	2302	2310	rBV	127905	177176	6.19%	0.492%
34	16.622	2315	2318	2322	rVB	36915	44625	1.56%	0.124%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002947.D
Acq On : 04 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5184-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC20

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_N\METHODS\SOM-EPA-BN091418MA.M
Title : SVOA CALIBRATION

35	16.781	2341	2345	2350	rBV	157943	213494	7.46%	0.593%
36	16.833	2350	2354	2359	rVB4	42950	65025	2.27%	0.181%
37	16.892	2360	2364	2368	rVV2	55300	67794	2.37%	0.188%
38	17.016	2379	2385	2390	rBV2	1494613	2179020	76.11%	6.052%
39	17.057	2390	2392	2396	rVV	72250	92619	3.24%	0.257%
40	17.116	2396	2402	2412	rVB2	1597663	2354989	82.26%	6.540%
41	17.722	2502	2505	2513	rBV5	40301	64121	2.24%	0.178%
42	17.922	2535	2539	2546	rBV2	220351	351354	12.27%	0.976%
43	17.986	2547	2550	2556	rVB	154780	206046	7.20%	0.572%
44	19.086	2733	2737	2741	rVB	216336	262792	9.18%	0.730%
45	19.139	2743	2746	2751	rVB	149554	183131	6.40%	0.509%
46	19.422	2789	2794	2802	rBV2	1826293	2862984	100.00%	7.951%
47	20.216	2925	2929	2933	rBV	681530	895421	31.28%	2.487%
48	20.357	2951	2953	2956	rVB	219808	204732	7.15%	0.569%
49	20.945	3050	3053	3061	rVB2	470234	718398	25.09%	1.995%
50	21.139	3083	3086	3092	rVB	474809	557120	19.46%	1.547%
51	21.221	3096	3100	3104	rBV	1585032	2047865	71.53%	5.687%
52	21.674	3175	3177	3181	rVB	359708	365019	12.75%	1.014%
53	23.292	3448	3452	3465	rVB2	1133822	2525866	88.22%	7.015%
54	23.433	3472	3476	3482	rVB	920407	1505639	52.59%	4.181%

Sum of corrected areas: 36007487

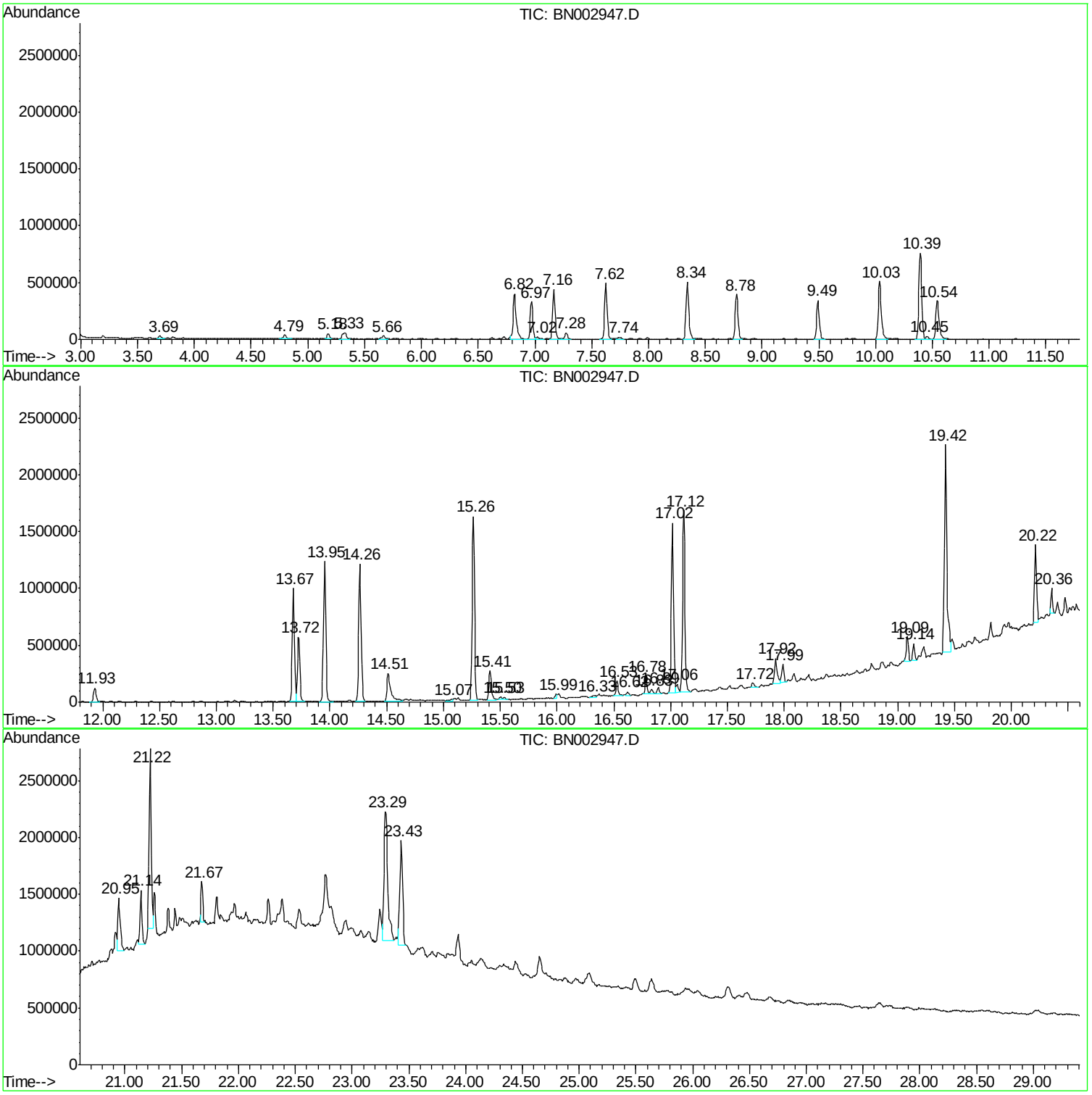
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002947.D
Acq On : 04 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5184-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002947.D
Acq On : 04 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5184-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

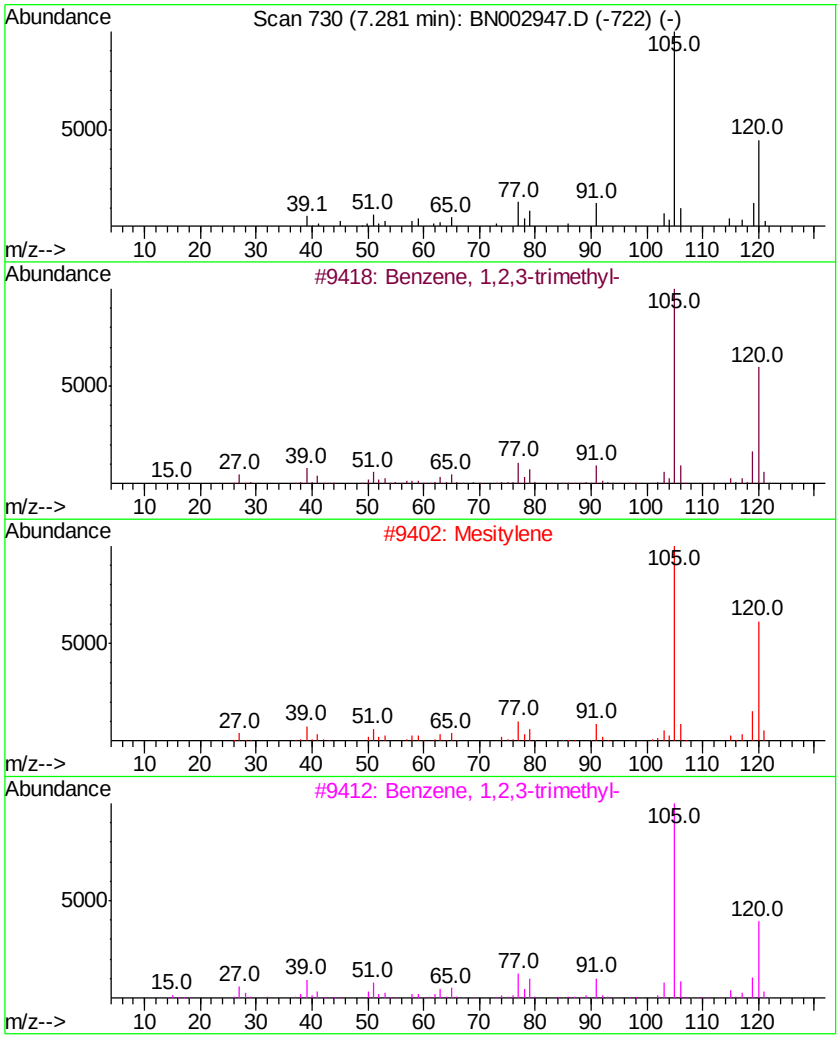
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

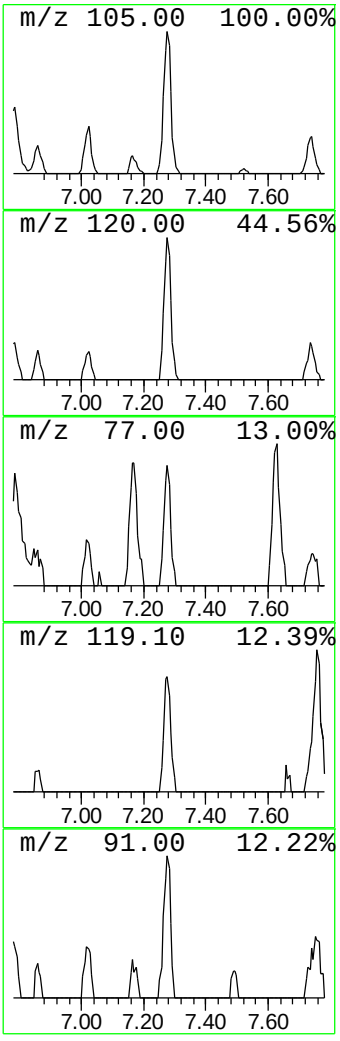
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	2.30 ng/ul	93365	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002947.D
Acq On : 04 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5184-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

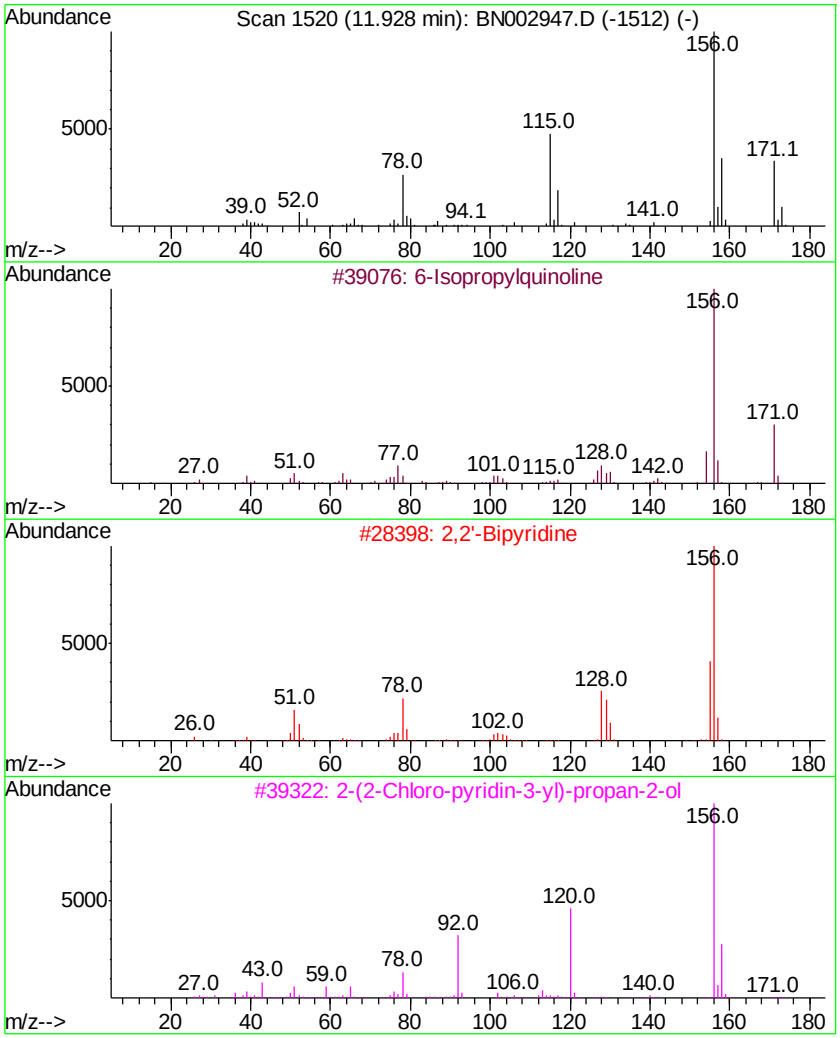
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

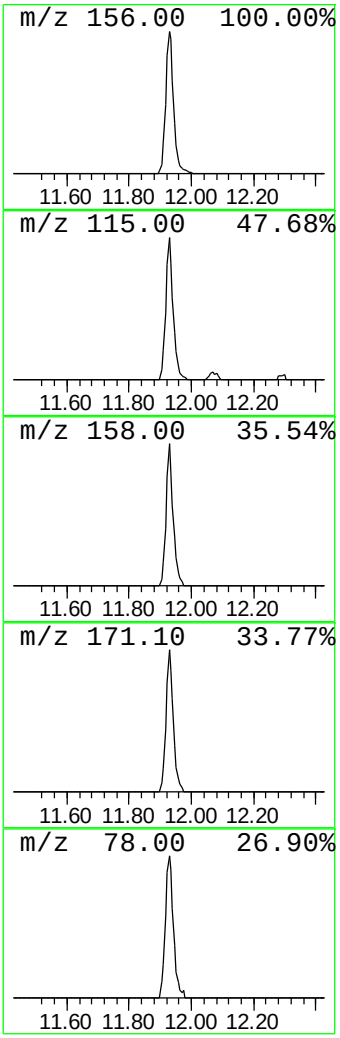
****

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.08 ng/ul	202764	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
2	2,2'-Bipyridine	156	C10H8N2	000366-18-7	38
3	2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	37
4	1,2,3,3a-Tetrahydropentalene, 1,...	171	C12H13N	1000217-17-0	37
5	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002947.D
Acq On : 04 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5184-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

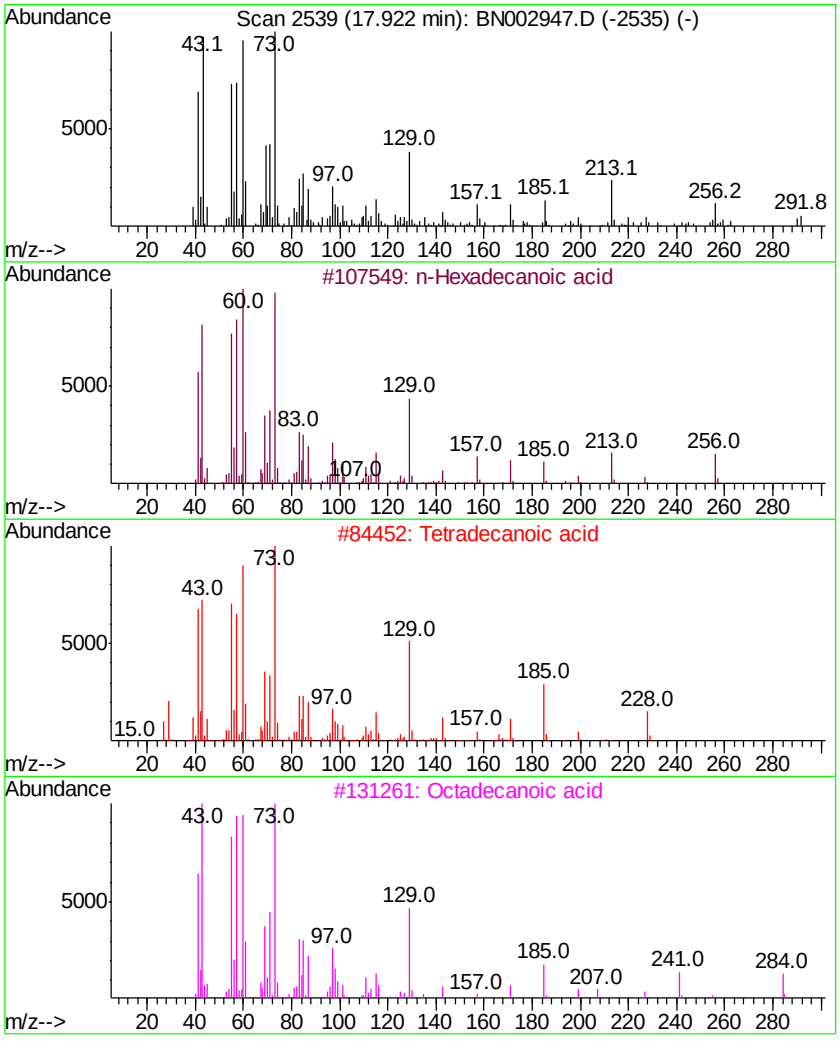
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

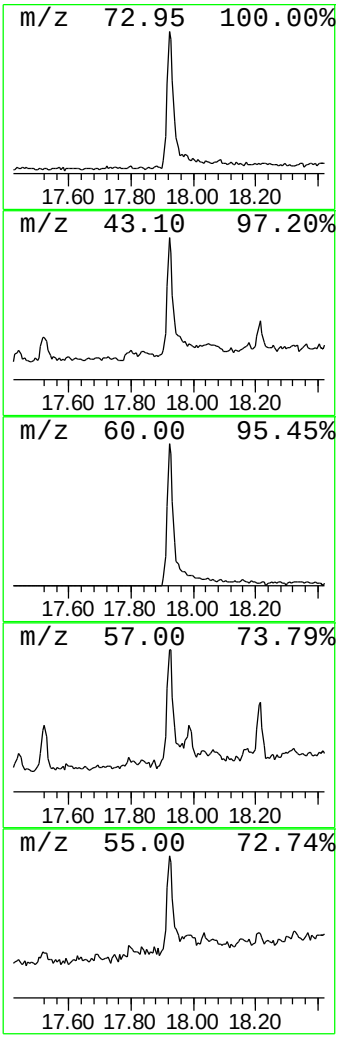
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.22 ng/ul	351354	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002947.D
Acq On : 04 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5184-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

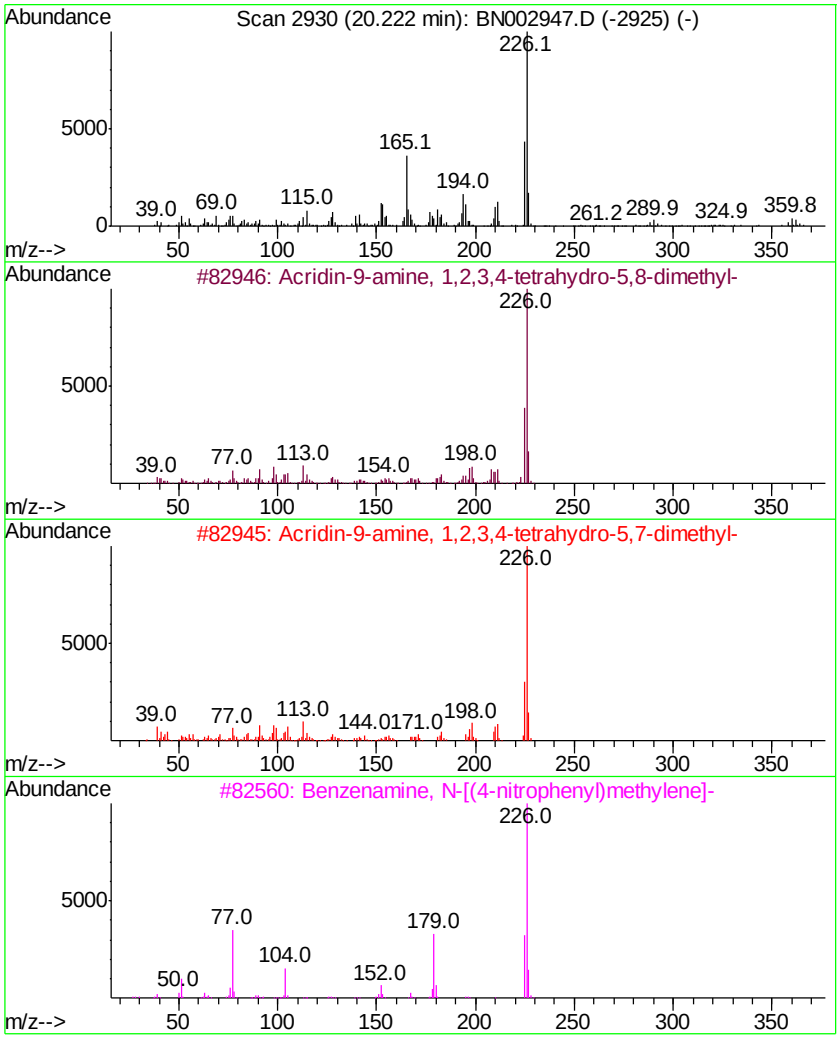
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

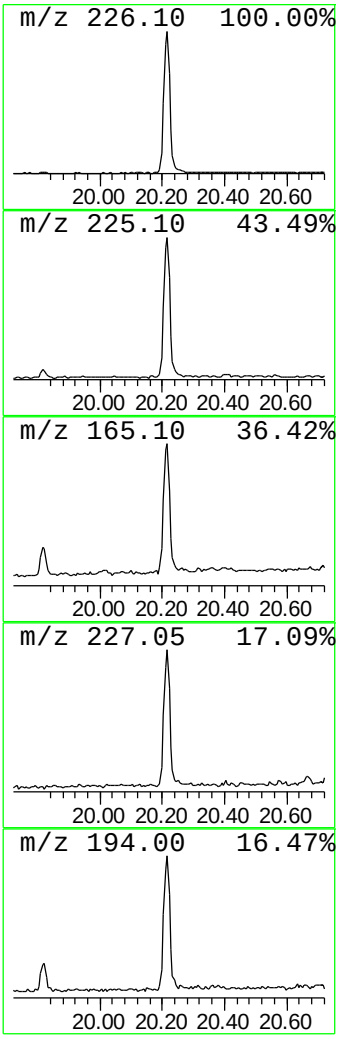
****

Peak Number 5 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	8.74 ng/ul	895421	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	64
3	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	60
4	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	50
5	2-Methyl-2-(3-hydroxyphenyl)-1,3...	226	C11H14OS2	164223-91-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002947.D
Acq On : 04 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5184-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

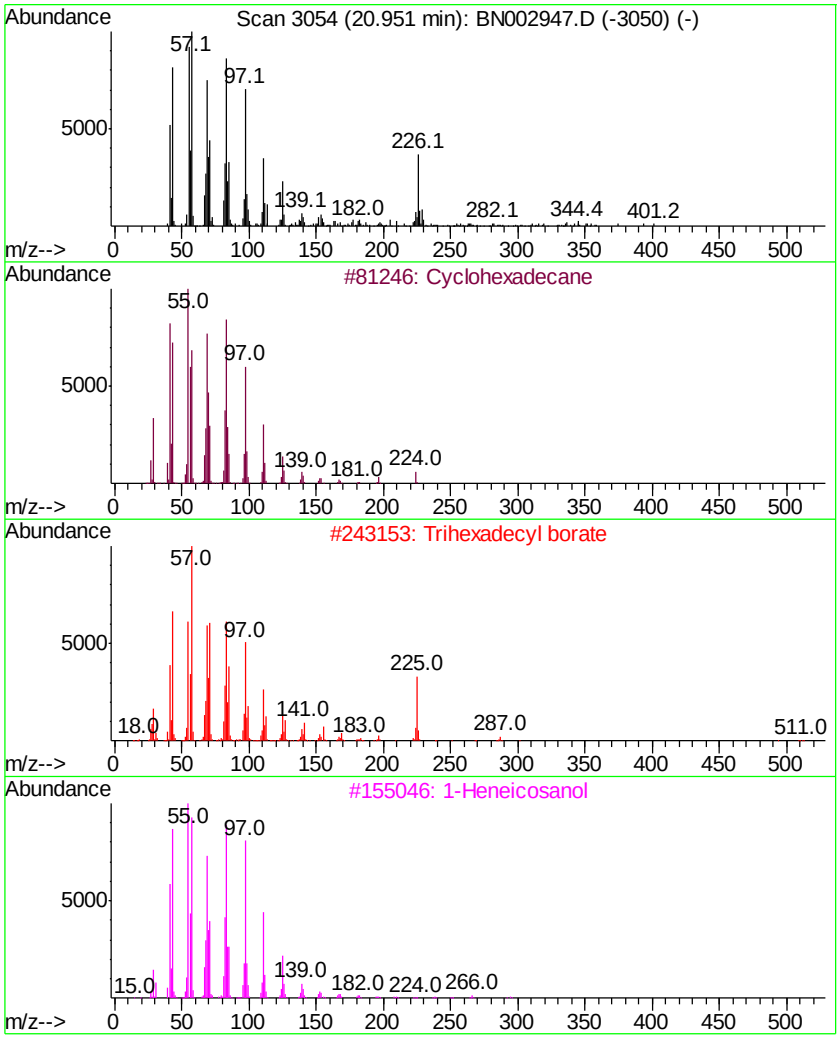
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

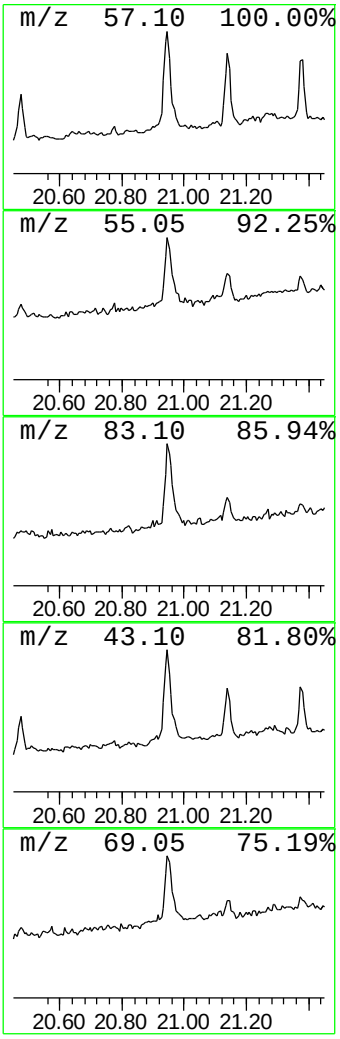
****

Peak Number 6 (DEL) Alkane: Cyclic20.95 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	7.02 ng/ul	718398	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	Trihexadecyl borate	735	C48H99BO3	002665-11-4	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	92
4	17-Pentatriacontene	491	C35H70	006971-40-0	87
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002947.D
Acq On : 04 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5184-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

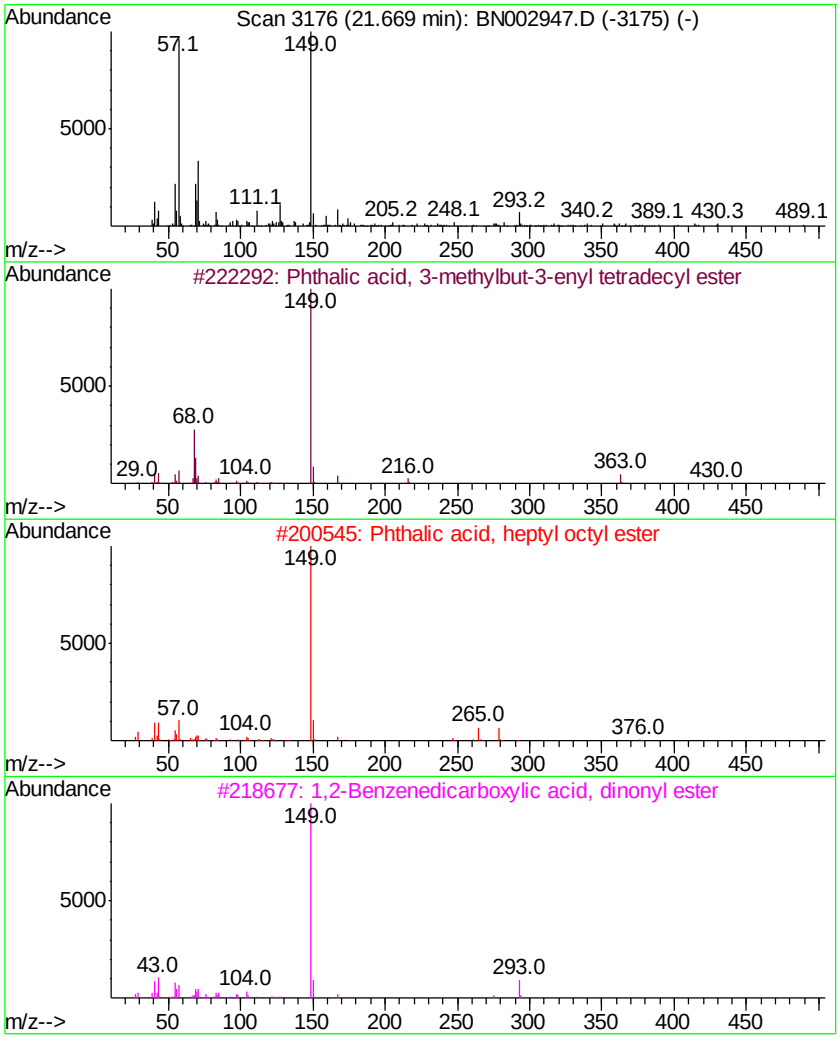
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

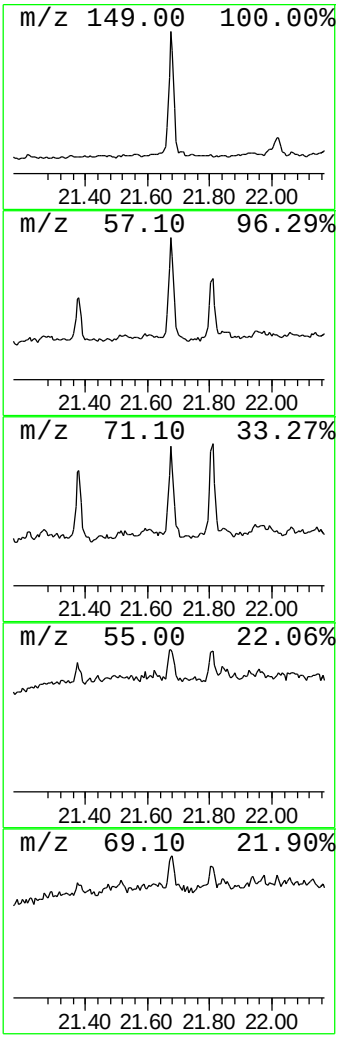
****

Peak Number 7 Phthalic acid, 3-methylbut-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	3.56 ng/ul	365019	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3-methylbut-3-enyl...	430	C27H42O4	1000357-11-2	52
2	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	52
3	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	52
4	Phthalic acid, isobutyl pentadec...	432	C27H44O4	1000309-07-3	50
5	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100518\
Data File : BN002947.D
Acq On : 04 Oct 2018 23:42
Operator : MJ/SJ
Sample : J5184-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA 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
Benzene, 1,2,3-tr...	7.28	2.3	ng/ul	93365	1	7.62	810668	20.0
unknown-01	11.93	3.1	ng/ul	202764	2	10.39	1315270	20.0
n-Hexadecanoic acid	17.92	3.2	ng/ul	351354	4	17.02	2179020	20.0
Acridin-9-amine, ...	20.22	8.7	ng/ul	895421	5	21.22	2047870	20.0
(DEL) Alkane: Cyc...	20.95	7.0	ng/ul	718398	5	21.22	2047870	20.0
Phthalic acid, 3-...	21.67	3.6	ng/ul	365019	5	21.22	2047870	20.0