LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004344.D
Acq On : 17 Dec 2020 17:06
Operator : CG/JU
Sample : L5067-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E6

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_P\METHODS\SOM-EPA-BP121020MA.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	6.993	641	647	663	rVB2	580899	1085136	11.31%	1.703%
2	7.163	670	676	686	rVB	502843	798433	8.32%	1.253%
3	7.363	704	710	717	rBV	650764	1042495	10.86%	1.636%
4	7.428	718	721	725	rBV	21713	32422	0.34%	0.051%
5	7.834	783	790	797	rBV	773062	1234826	12.87%	1.938%
6	8.534	902	909	920	rBV	707679	1162165	12.11%	1.824%
7	8.987	979	986	995	rBV	611150	1013702	10.56%	1.591%
8	9.422	1056	1060	1065	rVB2	18893	27915	0.29%	0.044%
9	9.710	1102	1109	1119	rBV	497297	845160	8.81%	1.327%
10	10.246	1193	1200	1216	rBV	779056	1367634	14.25%	2.147%
11	10.628	1256	1265	1271	rBV	1098759	1838169	19.15%	2.885%
12	10.681	1271	1274	1280	rVV	36955	61555	0.64%	0.097%
13	10.763	1280	1288	1306	rVB	695515	1234169	12.86%	1.937%
14	12.063	1503	1509	1514	rBV7	6473	11723	0.12%	0.018%
15	12.122	1514	1519	1523	rBV4	5979	11693	0.12%	0.018%
16	12.222	1528	1536	1542	rVV	15417	29773	0.31%	0.047%
17	12.293	1544	1548	1555	rVB2	18002	28441	0.30%	0.045%
18	12.516	1581	1586	1591	rVB2	13818	22101	0.23%	0.035%
19	12.687	1609	1615	1621	rVB2	5098	10206	0.11%	0.016%
20	13.087	1677	1683	1689	rVB2	10692	15502	0.16%	0.024%
21	13.310	1714	1721	1727	rVV5	21473	38265	0.40%	0.060%
22	13.375	1727	1732	1741	rVV4	12569	26585	0.28%	0.042%
23	13.645	1771	1778	1779	rBV7	6380	10543	0.11%	0.017%
24	13.716	1784	1790	1795	rBV	168550	272180	2.84%	0.427%
25	13.804	1800	1805	1810	rVV4	43690	69606	0.73%	0.109%
26	13.887	1810	1819	1823	rVV	1363905	1974376	20.57%	3.099%
27	13.934	1823	1827	1832	rVV	228280	320810	3.34%	0.504%
28	14.169	1857	1867	1883	rBV	1725178	2722556	28.37%	4.274%
29	14.334	1889	1895	1899	rBV3	16855	27255	0.28%	0.043%
30	14.387	1899	1904	1909	rVB3	12222	17511	0.18%	0.027%
31	14.481	1909	1920	1927	rBV	1708409	2603923	27.13%	4.087%
32	14.545	1927	1931	1939	rVB	49726	75067	0.78%	0.118%
33	14.622	1939	1944	1948	rBV2	41347	60442	0.63%	0.095%
34	14.675	1948	1953	1957	rBV	413113	615415	6.41%	0.966%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004344.D
Acq On : 17 Dec 2020 17:06
Operator : CG/JU
Sample : L5067-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E6

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_P\METHODS\SOM-EPA-BP121020MA.M
Title : SVOA CALIBRATION

35	14.734	1957	1963	1984	rVV	5927354	9596624	100.00%	15.064%
36	14.881	1984	1988	1998	rVB	56284	114763	1.20%	0.180%
37	15.104	2023	2026	2032	rVB8	6296	9757	0.10%	0.015%
38	15.328	2058	2064	2074	rVB2	70359	137390	1.43%	0.216%
39	15.481	2085	2090	2096	rVB	2167964	3238625	33.75%	5.084%
40	15.534	2096	2099	2104	rVB	52969	68889	0.72%	0.108%
41	15.604	2105	2111	2118	rBV	395528	571475	5.95%	0.897%
42	15.716	2124	2130	2139	rVB3	26345	59374	0.62%	0.093%
43	15.828	2143	2149	2156	rVB4	19403	42131	0.44%	0.066%
44	15.975	2170	2174	2182	rVB2	22475	48193	0.50%	0.076%
45	16.063	2182	2189	2193	rBV9	9150	22013	0.23%	0.035%
46	16.122	2193	2199	2210	rVV	350249	655860	6.83%	1.030%
47	16.210	2210	2214	2221	rVV8	21441	53914	0.56%	0.085%
48	16.269	2221	2224	2228	rVB3	12591	15819	0.16%	0.025%
49	16.416	2246	2249	2256	rBV2	13159	20141	0.21%	0.032%
50	16.481	2256	2260	2264	rBV3	8494	12305	0.13%	0.019%
51	16.545	2269	2271	2276	rVB5	11060	15802	0.16%	0.025%
52	16.781	2307	2311	2314	rVV4	9971	15191	0.16%	0.024%
53	16.816	2314	2317	2320	rVB3	10776	13992	0.15%	0.022%
54	16.892	2325	2330	2338	rVB2	33982	58354	0.61%	0.092%
55	16.975	2339	2344	2346	rBV5	14264	24438	0.25%	0.038%
56	17.057	2354	2358	2363	rVB	37676	55115	0.57%	0.087%
57	17.145	2369	2373	2379	rBV9	5403	10751	0.11%	0.017%
58	17.245	2383	2390	2394	rBV	2030737	3113411	32.44%	4.887%
59	17.286	2394	2397	2401	rVB	659627	823197	8.58%	1.292%
60	17.339	2401	2406	2411	rBV	2306778	3452699	35.98%	5.420%
61	17.433	2418	2422	2428	rVB2	19906	32067	0.33%	0.050%
62	17.645	2448	2458	2463	rBV2	59629	120180	1.25%	0.189%
63	18.116	2533	2538	2539	rBV	74535	99586	1.04%	0.156%
64	18.157	2543	2545	2552	rVV	121080	172893	1.80%	0.271%
65	18.239	2555	2559	2562	rVV	33952	48852	0.51%	0.077%
66	18.304	2565	2570	2573	rVV2	98024	175982	1.83%	0.276%
67	18.333	2573	2575	2580	rVB	51881	69499	0.72%	0.109%
68	18.598	2616	2620	2623	rBV	68016	84598	0.88%	0.133%
69	18.639	2623	2627	2634	rVB	85717	124328	1.30%	0.195%
70	19.004	2685	2689	2694	rBV2	40261	79214	0.83%	0.124%
71	19.139	2709	2712	2719	rBV2	37843	59354	0.62%	0.093%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004344.D
Acq On : 17 Dec 2020 17:06
Operator : CG/JU
Sample : L5067-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E6

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_P\METHODS\SOM-EPA-BP121020MA.M
Title : SVOA CALIBRATION

72	19.257	2727	2732	2738	rVB	1013219	1333807	13.90%	2.094%
73	19.586	2782	2788	2791	rBV	3314713	4878833	50.84%	7.658%
74	20.092	2871	2874	2879	rVB3	114291	155816	1.62%	0.245%
75	21.057	3034	3038	3045	rBV3	275475	478487	4.99%	0.751%
76	21.339	3079	3086	3090	rBV2	2786423	4308068	44.89%	6.762%
77	21.374	3090	3092	3098	rVB	431890	482480	5.03%	0.757%
78	22.986	3362	3366	3371	rBV2	313854	573799	5.98%	0.901%
79	23.551	3456	3462	3468	rBV	2034147	3939081	41.05%	6.183%
80	23.704	3481	3488	3495	rBV	1777405	3531625	36.80%	5.544%

Sum of corrected areas: 63706526

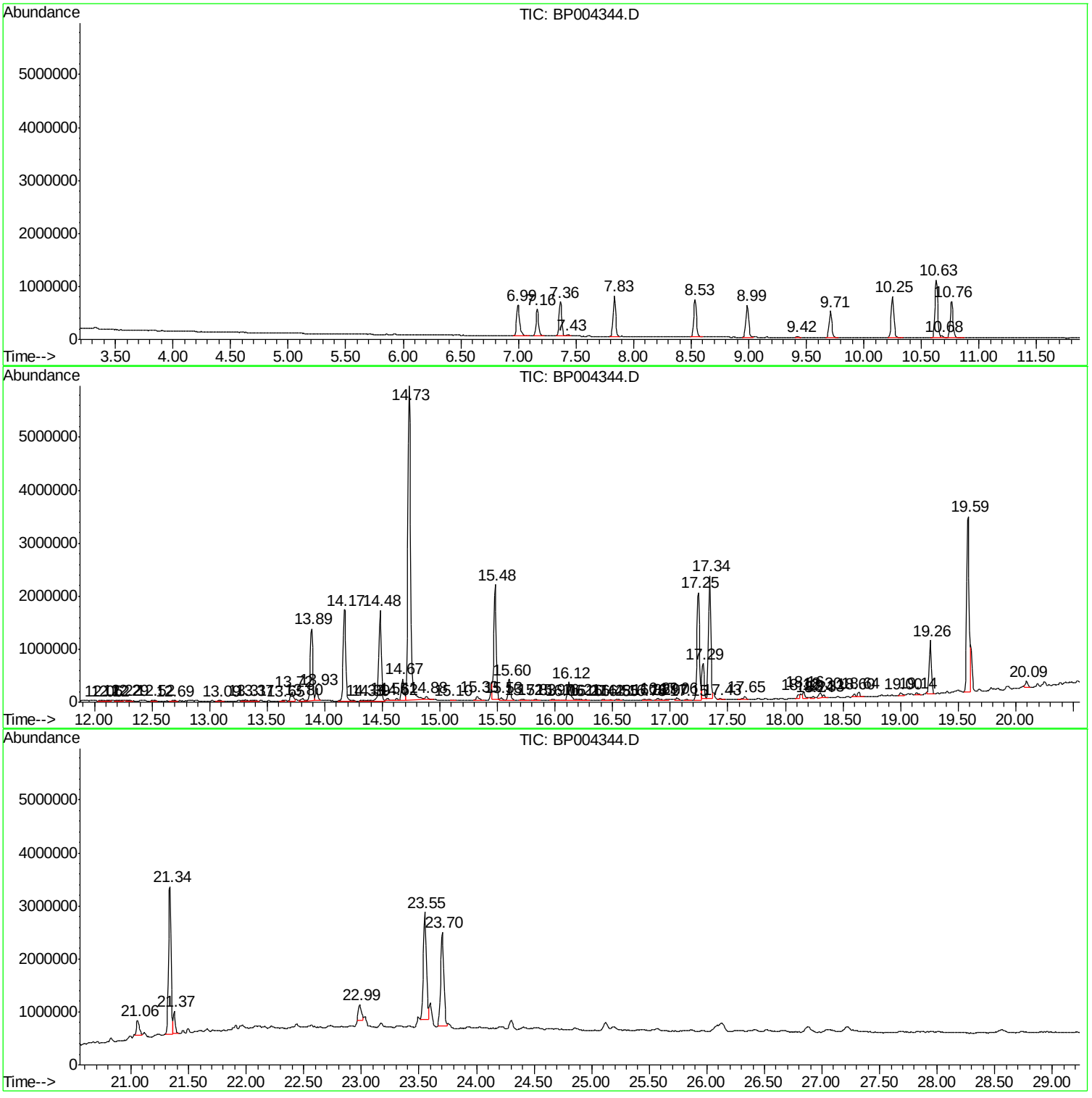
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004344.D
Acq On : 17 Dec 2020 17:06
Operator : CG/JU
Sample : L5067-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004344.D
Acq On : 17 Dec 2020 17:06
Operator : CG/JU
Sample : L5067-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

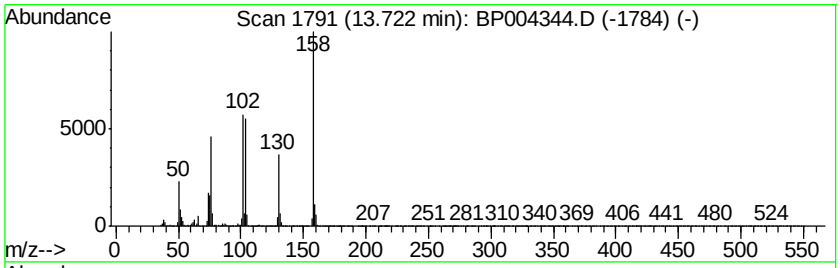
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

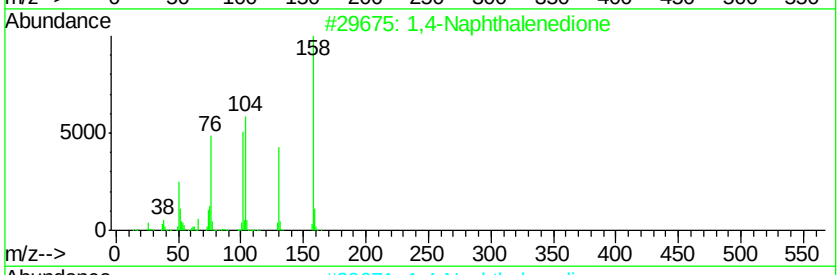
****

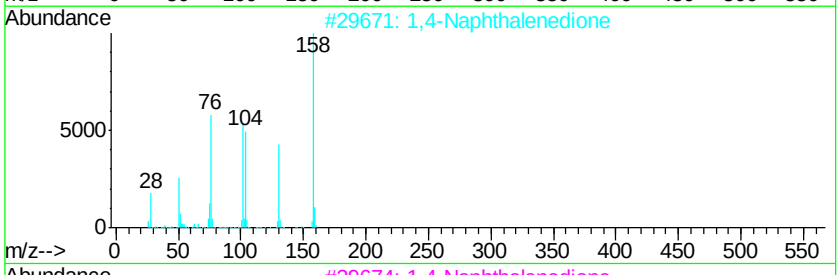
Peak Number 1 1,4-Naphthalenedione Concentration Rank 4

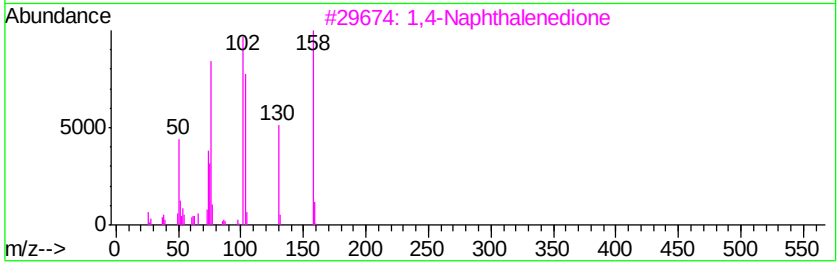
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.09 ng/ul	272180	Acenaphthene-d10	14.48

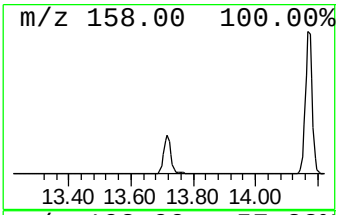
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Naphthalenedione	158	C10H6O2	000130-15-4	98
2	1,4-Naphthalenedione	158	C10H6O2	000130-15-4	97
3	1,4-Naphthalenedione	158	C10H6O2	000130-15-4	91
4	3-Chloro-5,5-dimethylcyclohex-2-...	158	C8H11ClO	017530-69-7	46
5	4,5-Diaminophthalonitrile	158	C8H6N4	1000302-35-2	43

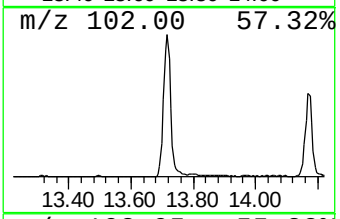


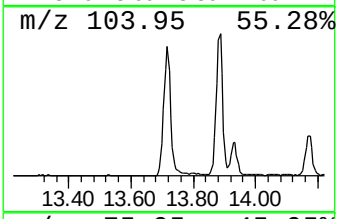


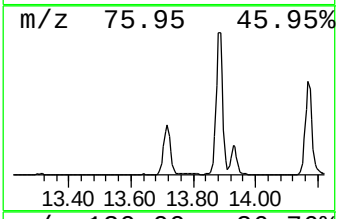


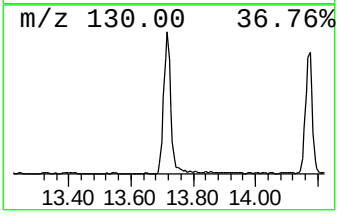












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004344.D
Acq On : 17 Dec 2020 17:06
Operator : CG/JU
Sample : L5067-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

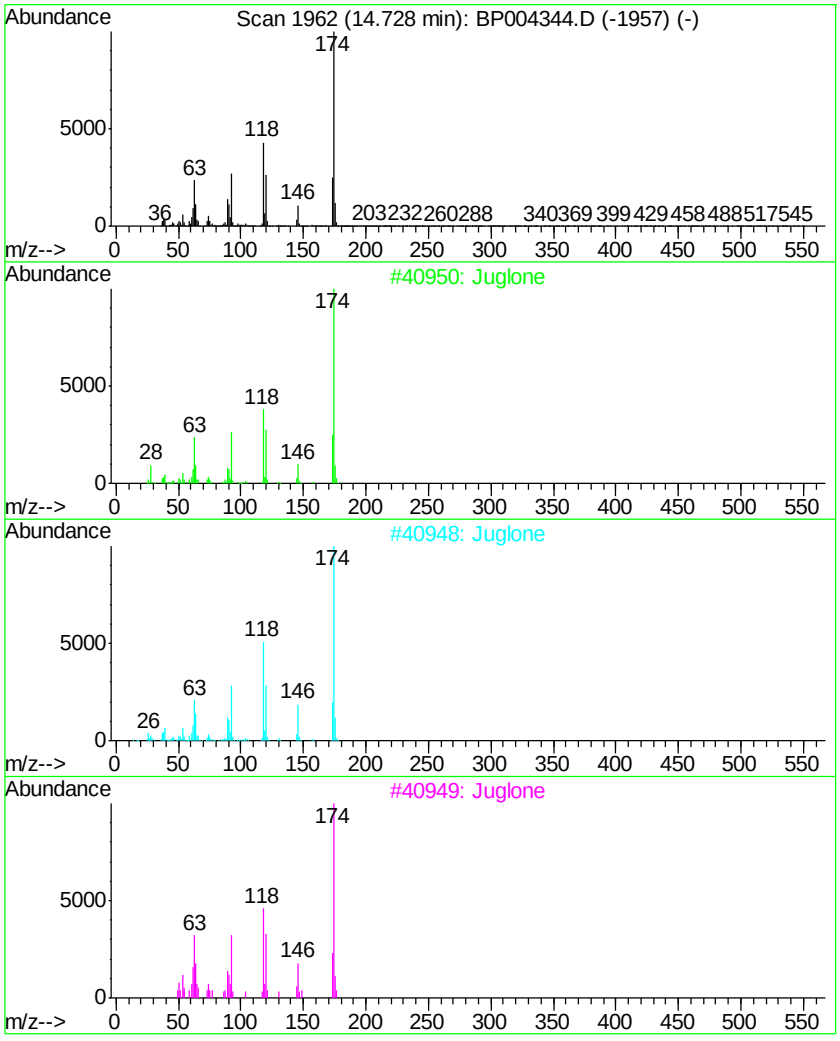
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

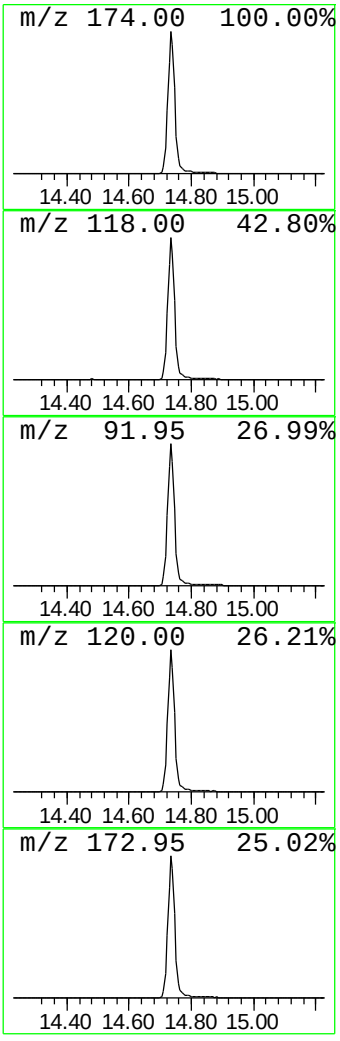
****

Peak Number 2 Juglone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	73.71 ng/ul	9596620	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Juglone	174	C10H6O3	000481-39-0	95
2	Juglone	174	C10H6O3	000481-39-0	93
3	Juglone	174	C10H6O3	000481-39-0	53
4	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	50
5	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004344.D
Acq On : 17 Dec 2020 17:06
Operator : CG/JU
Sample : L5067-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

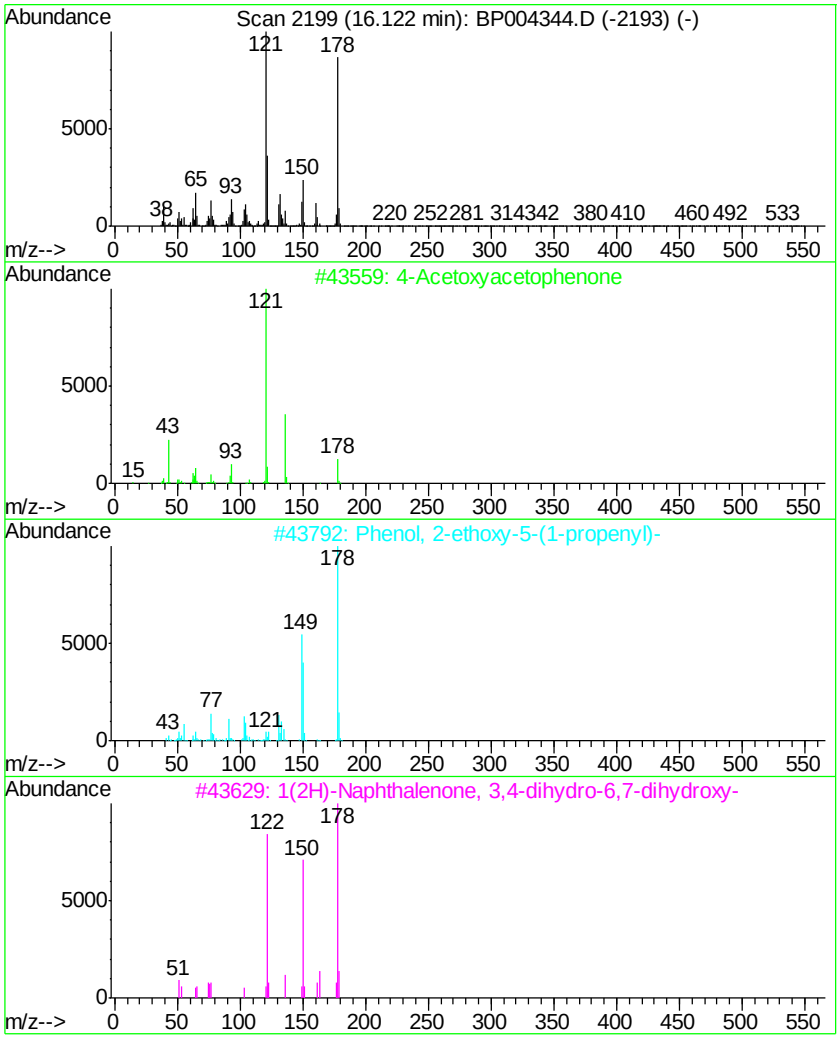
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

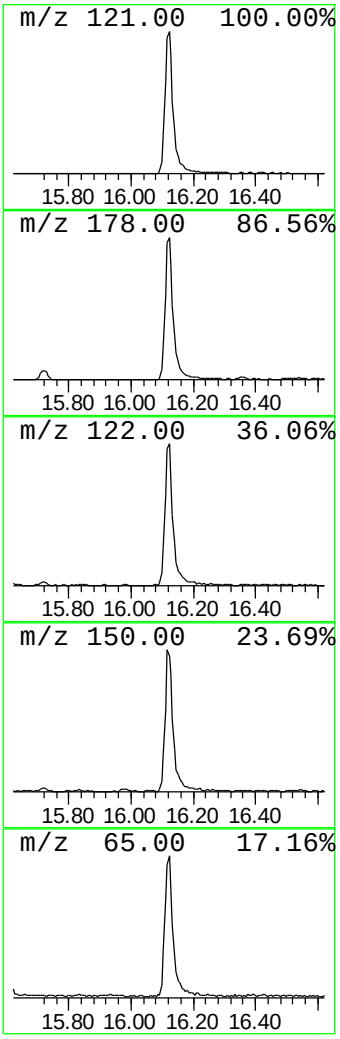
****

Peak Number 3 4-Acetoxyacetophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	4.21 ng/ul	655860	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Acetoxyacetophenone	178	C10H10O3	013031-43-1	52
2	Phenol, 2-ethoxy-5-(1-propenyl)-	178	C11H14O2	000094-86-0	50
3	1(2H)-Naphthalenone, 3,4-dihydro...	178	C10H10O3	054549-75-6	43
4	Benzaldehyde, 4-ethoxy-	150	C9H10O2	010031-82-0	41
5	2,3-Epoxypropyl 3,5-xylyl ether	178	C11H14O2	004287-30-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004344.D
Acq On : 17 Dec 2020 17:06
Operator : CG/JU
Sample : L5067-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

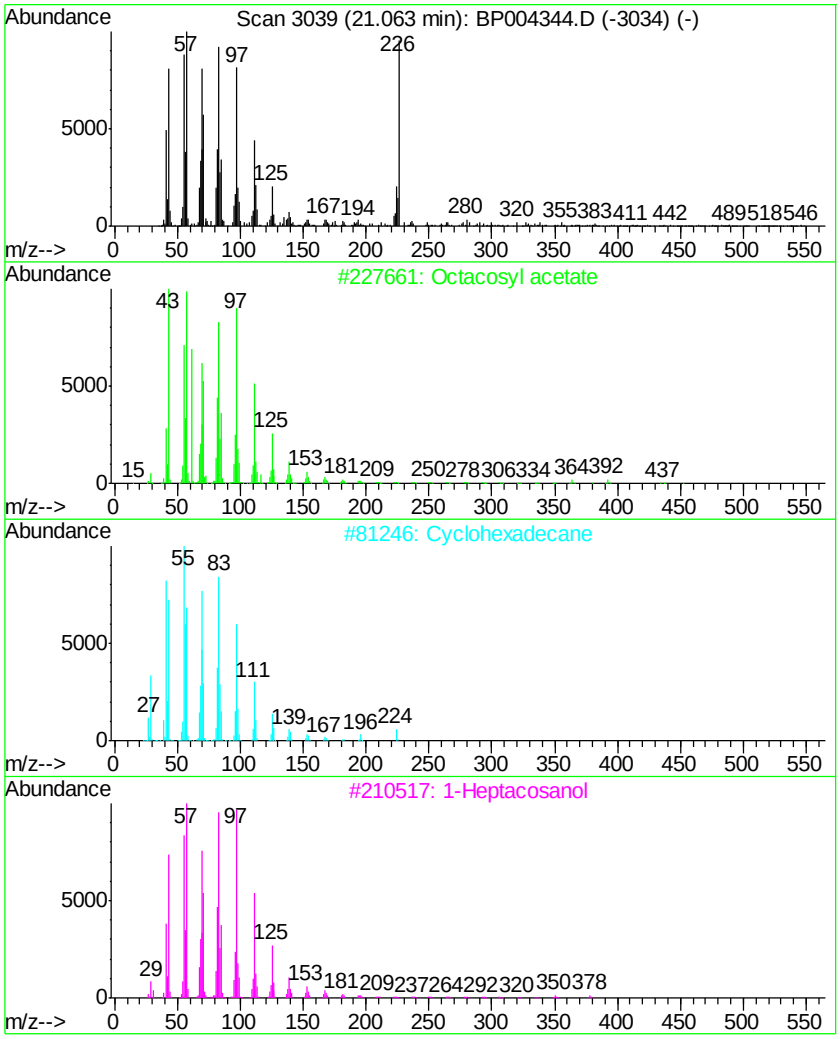
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

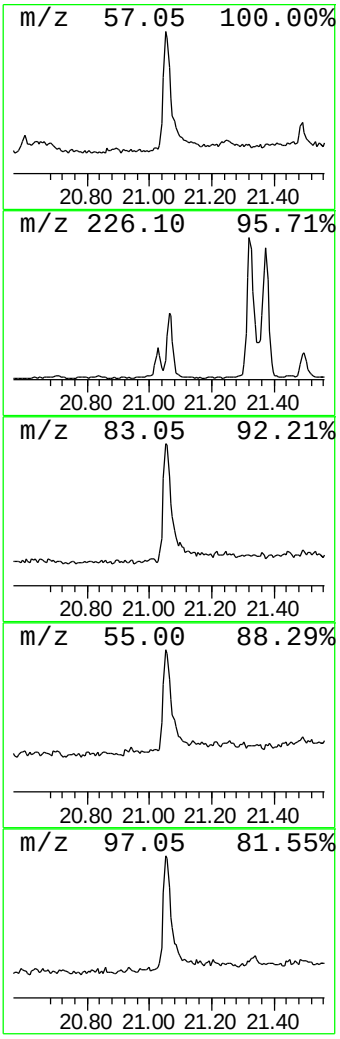
****

Peak Number 4 Octacosyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.22 ng/ul	478487	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	99
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121720\
Data File : BP004344.D
Acq On : 17 Dec 2020 17:06
Operator : CG/JU
Sample : L5067-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.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
1,4-Naphthalenedione	13.72	2.1	ng/ul	272180	3	14.48	2603920	20.0
Juglone	14.73	73.7	ng/ul	9596620	3	14.48	2603920	20.0
4-Acetoxyacetophe...	16.12	4.2	ng/ul	655860	4	17.25	3113410	20.0
Octacosyl acetate	21.06	2.2	ng/ul	478487	5	21.34	4308070	20.0