LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014505.D
Acq On : 04 Apr 2023 01:25
Operator : CG/JU
Sample : 02158-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-1(20230328)

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\SFAM-EPA-BP032823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014505.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.381	29	33	41	rVB	27059	37901	0.24%	0.062%
2	3.834	108	110	122	rBV	51268	104600	0.67%	0.171%
3	4.040	140	145	150	rVB2	13543	23089	0.15%	0.038%
4	4.134	158	161	169	rVB2	9255	16622	0.11%	0.027%
5	5.069	316	320	324	rBV2	11122	16728	0.11%	0.027%
6	7.181	671	679	698	rBV	149689	300490	1.92%	0.492%
7	7.328	698	704	720	rVV	519838	866010	5.52%	1.418%
8	7.534	733	739	756	rBV	531572	928033	5.92%	1.520%
9	8.005	812	819	833	rBV	491518	793180	5.06%	1.299%
10	8.734	935	943	961	rBV	438836	839719	5.35%	1.375%
11	9.181	1012	1019	1031	rBV	701975	1215606	7.75%	1.991%
12	9.552	1077	1082	1088	rVB3	12694	19619	0.13%	0.032%
13	9.910	1135	1143	1155	rBV	593505	1056307	6.73%	1.730%
14	10.457	1228	1236	1260	rBV	714988	1491585	9.51%	2.443%
15	10.828	1291	1299	1307	rBV	752450	1264689	8.06%	2.071%
16	10.981	1316	1325	1344	rBV	357634	792905	5.05%	1.299%
17	11.316	1379	1382	1389	rVB9	8639	16218	0.10%	0.027%
18	12.175	1520	1528	1534	rBV2	34355	71878	0.46%	0.118%
19	12.422	1565	1570	1579	rBV3	14055	27301	0.17%	0.045%
20	12.610	1594	1602	1609	rBV6	10699	25007	0.16%	0.041%
21	13.540	1754	1760	1765	rBV6	13535	24693	0.16%	0.040%
22	13.998	1833	1838	1843	rVV2	30906	60759	0.39%	0.100%
23	14.069	1843	1850	1857	rVV	1692224	2495384	15.91%	4.087%
24	14.140	1857	1862	1878	rVB	109276	190715	1.22%	0.312%
25	14.351	1892	1898	1909	rBV	1846235	2833901	18.07%	4.642%
26	14.469	1915	1918	1924	rVB7	10157	18453	0.12%	0.030%
27	14.657	1943	1950	1965	rBV	1184238	1842746	11.75%	3.018%
28	14.922	1989	1995	2015	rBV2	78891	257619	1.64%	0.422%
29	15.157	2030	2035	2048	rVB	59042	111652	0.71%	0.183%
30	15.657	2113	2120	2134	rBV	2479597	3601764	22.96%	5.899%
31	15.787	2136	2142	2151	rVV	827194	1280940	8.17%	2.098%
32	15.869	2151	2156	2176	rVV	298852	566027	3.61%	0.927%
33	16.022	2179	2182	2191	rVB	16357	32406	0.21%	0.053%
34	16.310	2220	2231	2264	rBV	7250089	15686261	100.00%	25.693%
35	16.986	2342	2346	2352	rVB	72356	89994	0.57%	0.147%
36	17.339	2402	2406	2414	rBV2	81050	151277	0.96%	0.248%

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Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

37	17.422	2414	2420	2431	rVV	1709488	2367142	15.09%	3.877%
38	17.522	2431	2437	2452	rVB2	2999553	4231072	26.97%	6.930%
39	18.292	2564	2568	2576	rBV2	55888	89470	0.57%	0.147%
40	19.328	2741	2744	2748	rBV2	36100	45428	0.29%	0.074%
41	19.398	2752	2756	2762	rVV3	47385	76191	0.49%	0.125%
42	19.751	2810	2816	2823	rBV	3957265	5099127	32.51%	8.352%
43	21.510	3110	3115	3123	rBV	1948149	2661605	16.97%	4.359%
44	23.863	3508	3515	3526	rVB	2373638	4853736	30.94%	7.950%
45	24.027	3536	3543	3552	rVB2	1177353	2477541	15.79%	4.058%

Sum of corrected areas: 61053390

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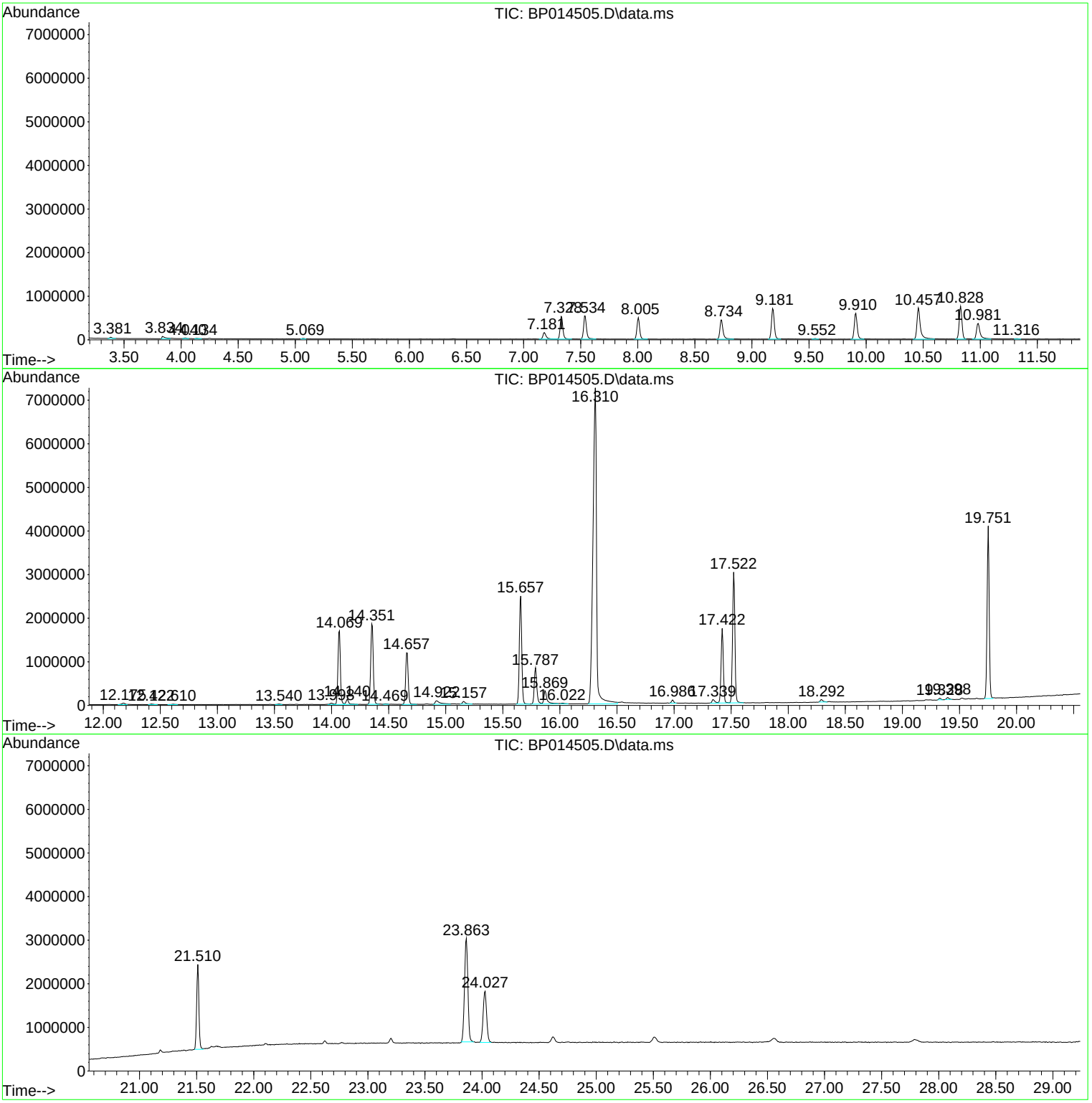
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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



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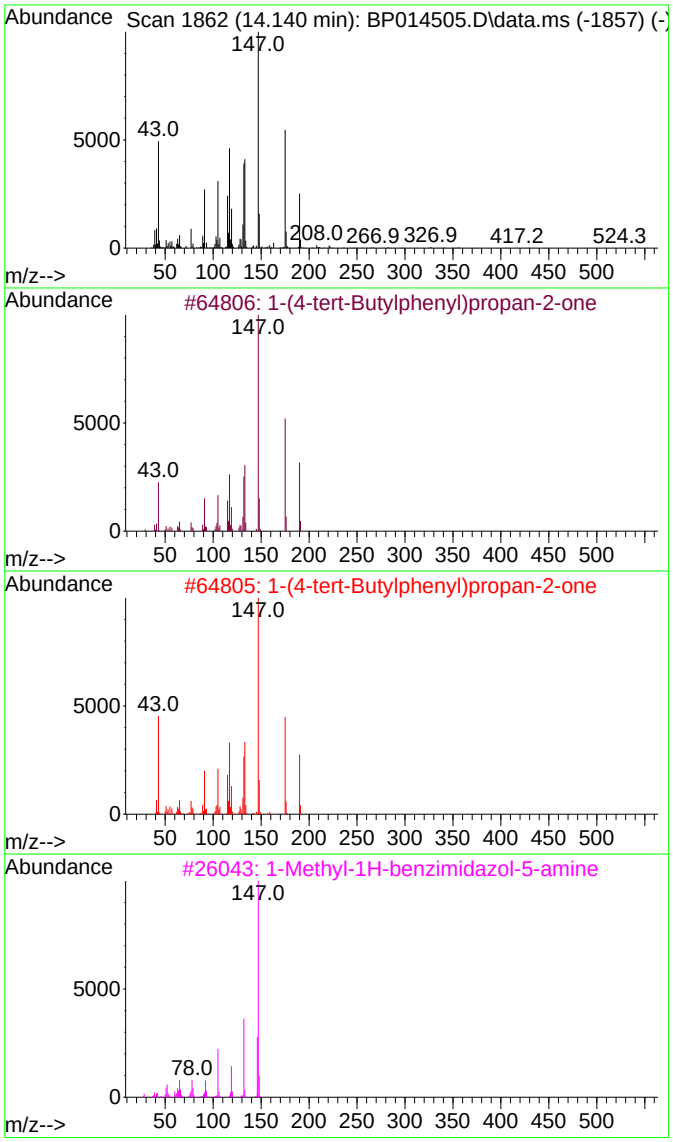
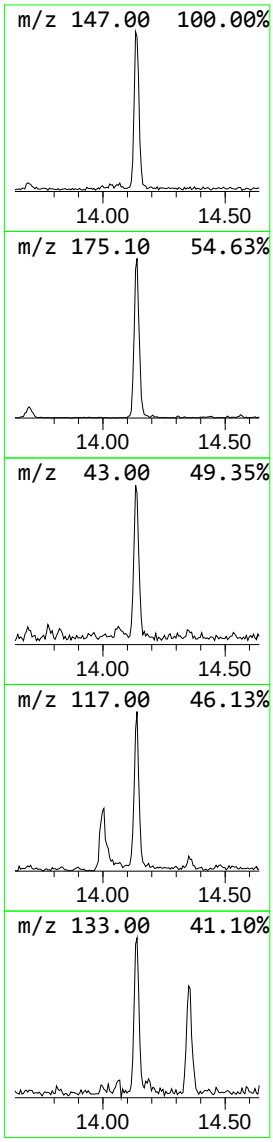
****
Peak Number 1 1-(4-tert-Butylphenyl)propa... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.140	2.07 ng/ul	190715	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-tert-Butylphenyl)propan-2-one	190	C13H18O	081561-77-5	93
2	1-(4-tert-Butylphenyl)propan-2-one	190	C13H18O	081561-77-5	76
3	1-Methyl-1H-benzimidazol-5-amine	147	C8H9N3	010394-38-4	38
4	4-Cyano-3,5-dimethylphenol	147	C9H9NO	058537-99-8	35
5	6-Fluoroquinoline-2-carbaldehyde	175	C10H6FNO	260430-93-1	27





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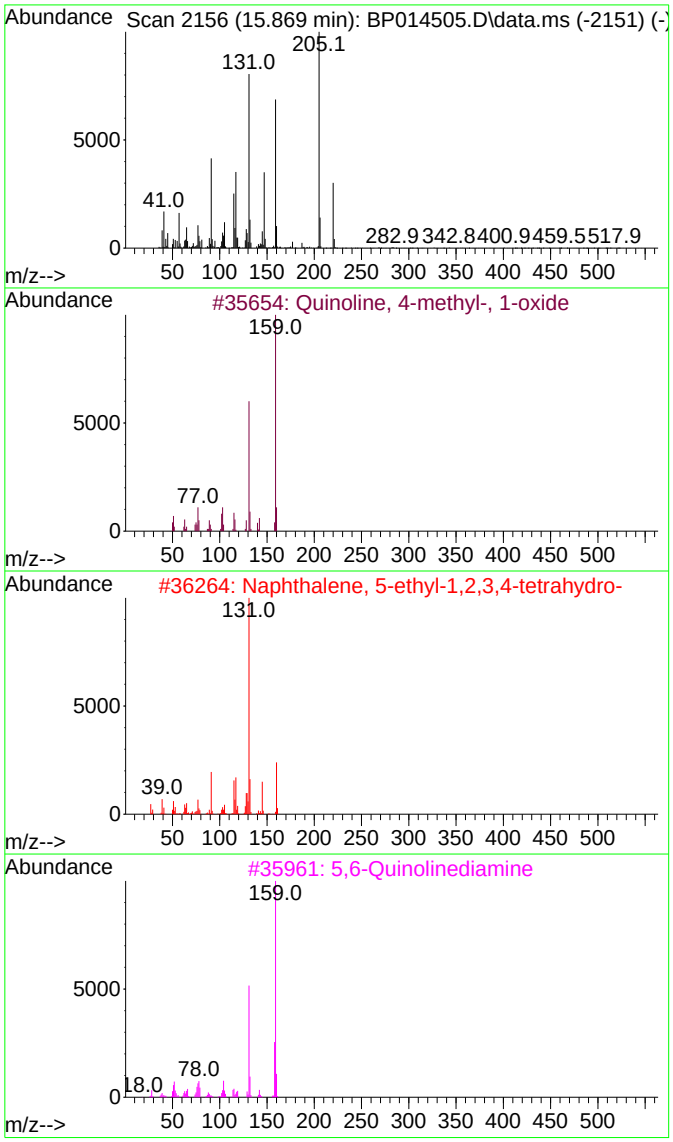
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

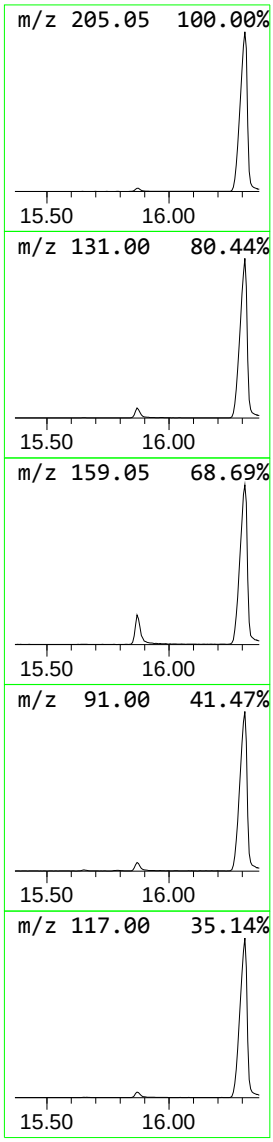
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.869	6.14 ng/ul	566027	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 4-methyl-, 1-oxide	159	C10H9NO	004053-40-1	45
2	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	42
3	5,6-Quinolinediamine	159	C9H9N3	042143-23-7	38
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	38
5	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	38





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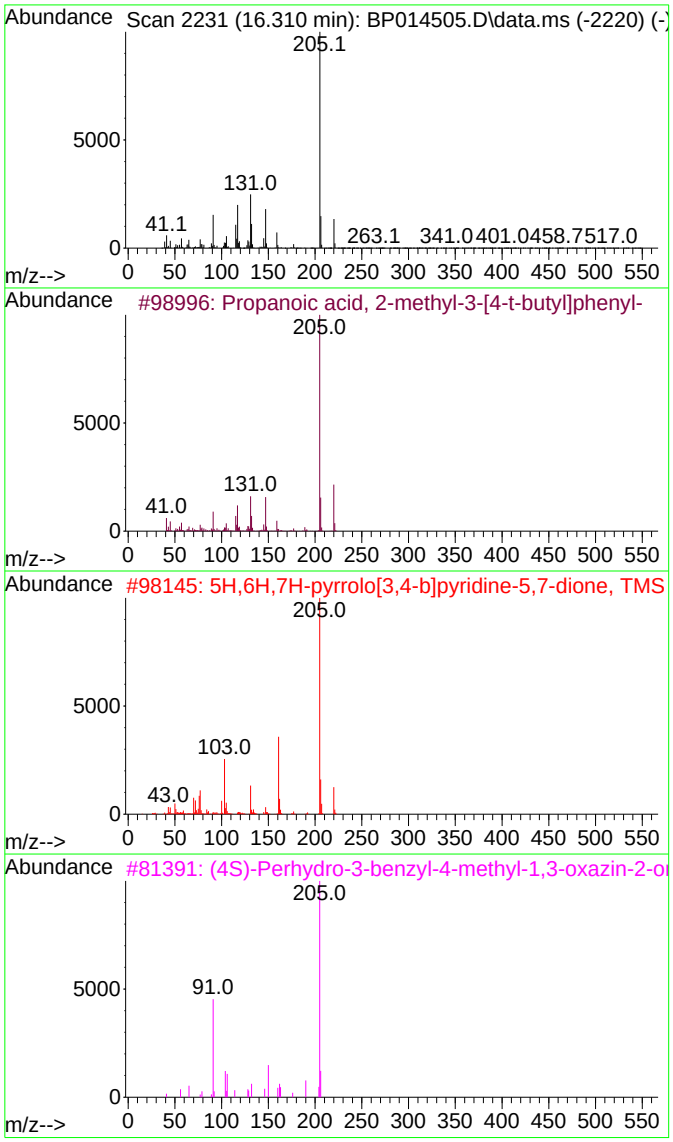
Quant Title : SVOA CALIBRATION

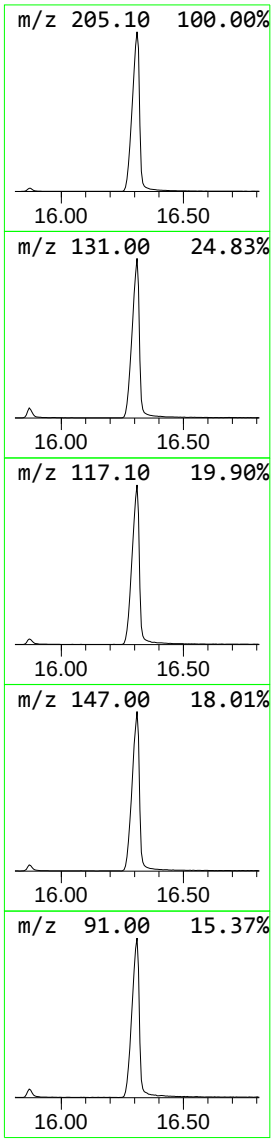
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanoic acid, 2-methyl-3-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	132.53 ng/ul	15686300	Phenanthrene-d10	17.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-3-[4-t-...	220	C14H20O2	1000131-87-0	97
2	5H,6H,7H-pyrrolo[3,4-b]pyridine-...	220	C10H12N2O2Si	1000485-20-1	50
3	(4S)-Perhydro-3-benzyl-4-methyl-...	205	C12H15NO2	1000434-17-0	47
4	2,4-Diamino-6-nitroquinazoline	205	C8H7N5O2	007154-34-9	46
5	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	43





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-(4-tert-Butyl...	14.140	2.1	ng/ul	190715	3	14.657	1842750	20.0
unknown-01	15.869	6.1	ng/ul	566027	3	14.657	1842750	20.0
Propanoic acid,...	16.310	132.5	ng/ul	15686300	4	17.422	2367140	20.0