LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008297.D
Acq On : 14 Dec 2016 06:35
Operator : UM/SJ
Sample : H5976-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8N8

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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	6.875	725	729	742	rVB	47223	113920	3.26%	0.337%
2	7.022	748	754	765	rBV	303315	507594	14.51%	1.502%
3	7.216	780	787	800	rBV	315414	570913	16.32%	1.689%
4	7.675	858	865	880	rBV	530793	930368	26.60%	2.753%
5	8.392	981	987	1002	rBV	203440	392225	11.21%	1.161%
6	8.834	1055	1062	1076	rBV	377787	706469	20.20%	2.090%
7	9.551	1177	1184	1198	rBV	324538	605014	17.30%	1.790%
8	10.092	1270	1276	1295	rBV	320665	800817	22.90%	2.370%
9	10.445	1324	1336	1348	rBV	739693	1268448	36.27%	3.753%
10	10.639	1362	1369	1376	rBV6	18299	45173	1.29%	0.134%
11	11.063	1435	1441	1448	rBV4	16698	36880	1.05%	0.109%
12	12.016	1595	1603	1608	rBV3	30006	58590	1.68%	0.173%
13	12.145	1619	1625	1631	rBV7	18238	38934	1.11%	0.115%
14	12.322	1648	1655	1659	rBV2	20153	38699	1.11%	0.115%
15	13.727	1888	1894	1907	rBV	936748	1424100	40.72%	4.214%
16	14.004	1931	1941	1957	rBV	1049898	1606082	45.92%	4.752%
17	14.310	1983	1993	2000	rBV	1099614	1637158	46.81%	4.844%
18	14.615	2037	2045	2050	rBV5	39347	106888	3.06%	0.316%
19	14.804	2068	2077	2083	rVB6	13235	36918	1.06%	0.109%
20	15.051	2111	2119	2125	rBV	60770	106855	3.06%	0.316%
21	15.310	2157	2163	2171	rBV	1402312	2052188	58.68%	6.072%
22	15.468	2182	2190	2197	rBV	440663	733506	20.97%	2.170%
23	15.815	2245	2249	2251	rBV	56781	83556	2.39%	0.247%
24	15.845	2251	2254	2260	rVB3	113157	184491	5.28%	0.546%
25	16.315	2329	2334	2340	rBV	87961	139121	3.98%	0.412%
26	16.374	2340	2344	2352	rVB3	40693	84629	2.42%	0.250%
27	16.451	2352	2357	2362	rBV5	21386	49803	1.42%	0.147%
28	16.527	2368	2370	2380	rVB7	26629	62074	1.77%	0.184%
29	16.709	2398	2401	2409	rVB6	37374	67917	1.94%	0.201%
30	16.962	2437	2444	2447	rBV2	85980	151557	4.33%	0.448%
31	16.998	2447	2450	2454	rVV	84077	135367	3.87%	0.401%
32	17.062	2454	2461	2472	rVV2	1380529	2037470	58.26%	6.029%
33	17.162	2472	2478	2489	rVV	1686177	2510216	71.77%	7.428%
34	17.451	2522	2527	2535	rVB	122422	214232	6.13%	0.634%

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Misc :
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Instrument : BNA_M
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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

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Title : SVOA CALIBRATION

35	17.562	2543	2546	2550	rVB	34718	49569	1.42%	0.147%
36	17.733	2567	2575	2579	rBV6	46694	124286	3.55%	0.368%
37	17.780	2580	2583	2587	rVB4	32459	48308	1.38%	0.143%
38	17.915	2601	2606	2611	rVB	216687	311659	8.91%	0.922%
39	18.074	2629	2633	2640	rVB	189734	282745	8.08%	0.837%
40	18.139	2640	2644	2652	rVB6	42205	97672	2.79%	0.289%
41	18.239	2656	2661	2666	rBV	105185	223483	6.39%	0.661%
42	18.368	2676	2683	2685	rBV7	18843	39056	1.12%	0.116%
43	18.415	2688	2691	2694	rVV3	31265	46672	1.33%	0.138%
44	18.456	2695	2698	2704	rVV	28059	48065	1.37%	0.142%
45	18.539	2704	2712	2716	rVV6	50626	108417	3.10%	0.321%
46	18.586	2716	2720	2725	rVB7	17279	38469	1.10%	0.114%
47	18.668	2730	2734	2739	rBV3	34486	57908	1.66%	0.171%
48	19.098	2802	2807	2814	rBV2	71667	131379	3.76%	0.389%
49	19.245	2826	2832	2843	rVB6	52223	134138	3.84%	0.397%
50	19.468	2862	2870	2877	rBV	2302380	3287482	94.00%	9.728%
51	19.556	2883	2885	2890	rVB4	33269	42423	1.21%	0.126%
52	20.392	3024	3027	3031	rVB5	41575	53597	1.53%	0.159%
53	20.450	3033	3037	3044	rVV	98259	156262	4.47%	0.462%
54	20.521	3045	3049	3055	rBV3	57049	108924	3.11%	0.322%
55	21.262	3170	3175	3182	rBV	2104947	2680194	76.64%	7.931%
56	23.350	3523	3530	3537	rBV2	1876609	3497347	100.00%	10.349%
57	23.491	3548	3554	3563	rVB	1412082	2688636	76.88%	7.956%

Sum of corrected areas: 33794863

LSC Report - Integrated Chromatogram

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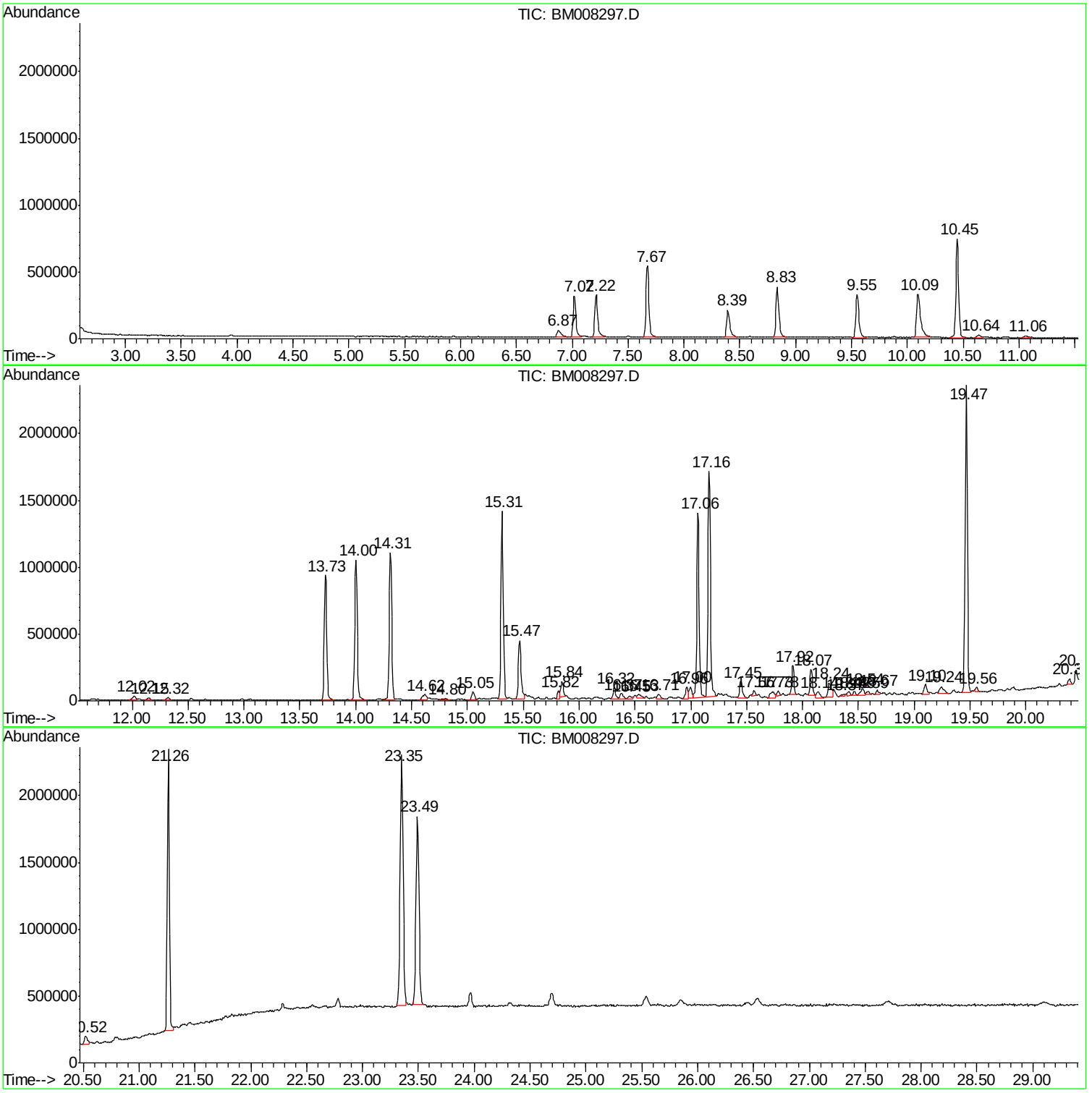
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument : BNA_M
ClientSampleId : DA8N8

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Quant Title : SVOA CALIBRATION

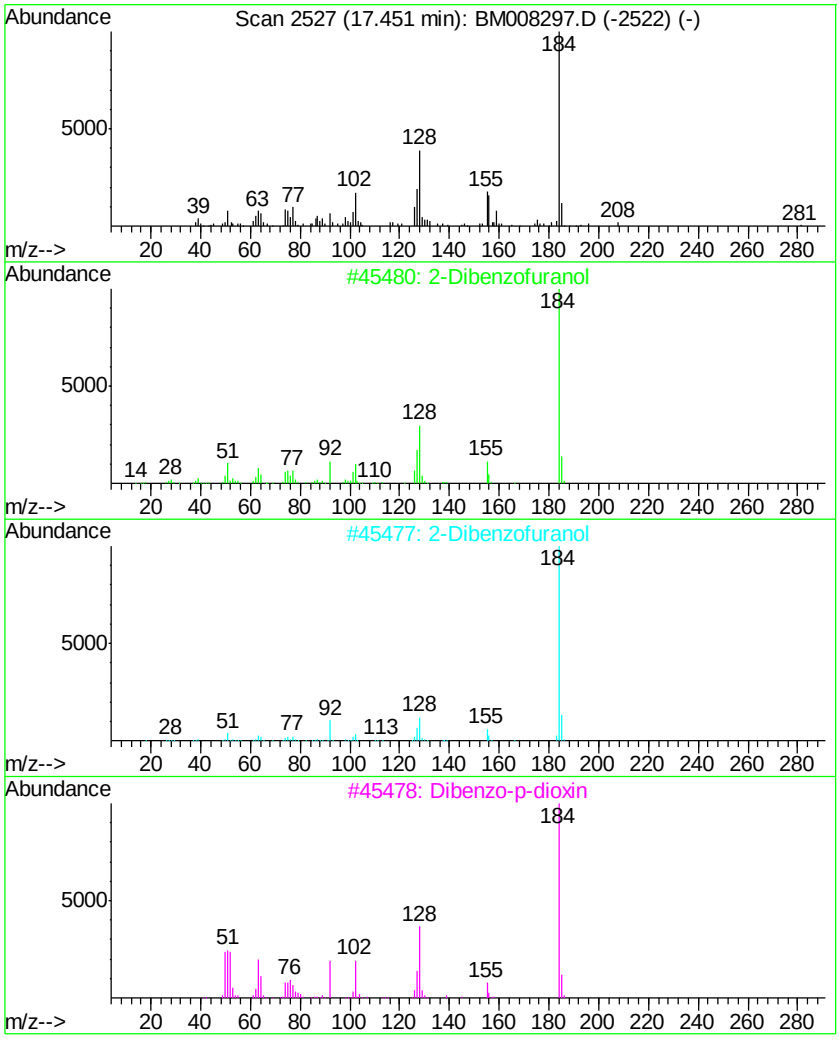
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

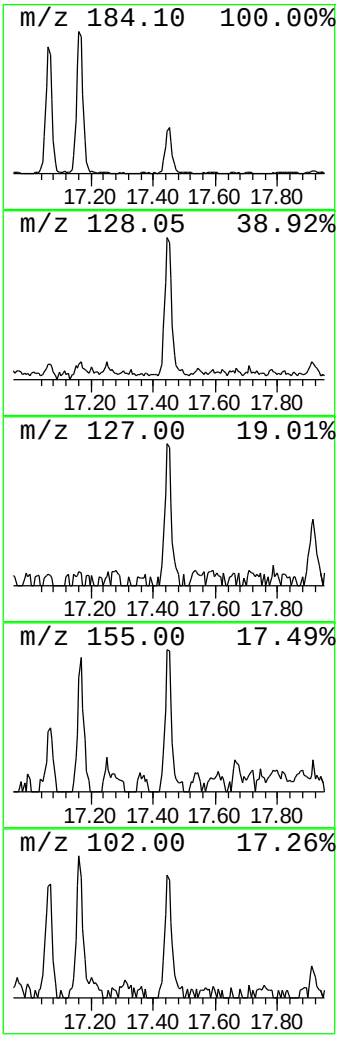
****

Peak Number 1 2-Dibenzofuranol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.10 ng/ul	214232	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	78
4	4(3H)-Quinazolinone, 3-(2-propyn...	184	C11H8N2O	016347-56-1	53
5	Benzene, 1-methoxy-3-(2,2-dicyan...	184	C11H8N2O	002972-72-7	50





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Instrument : BNA_M
ClientSampleId : DA8N8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

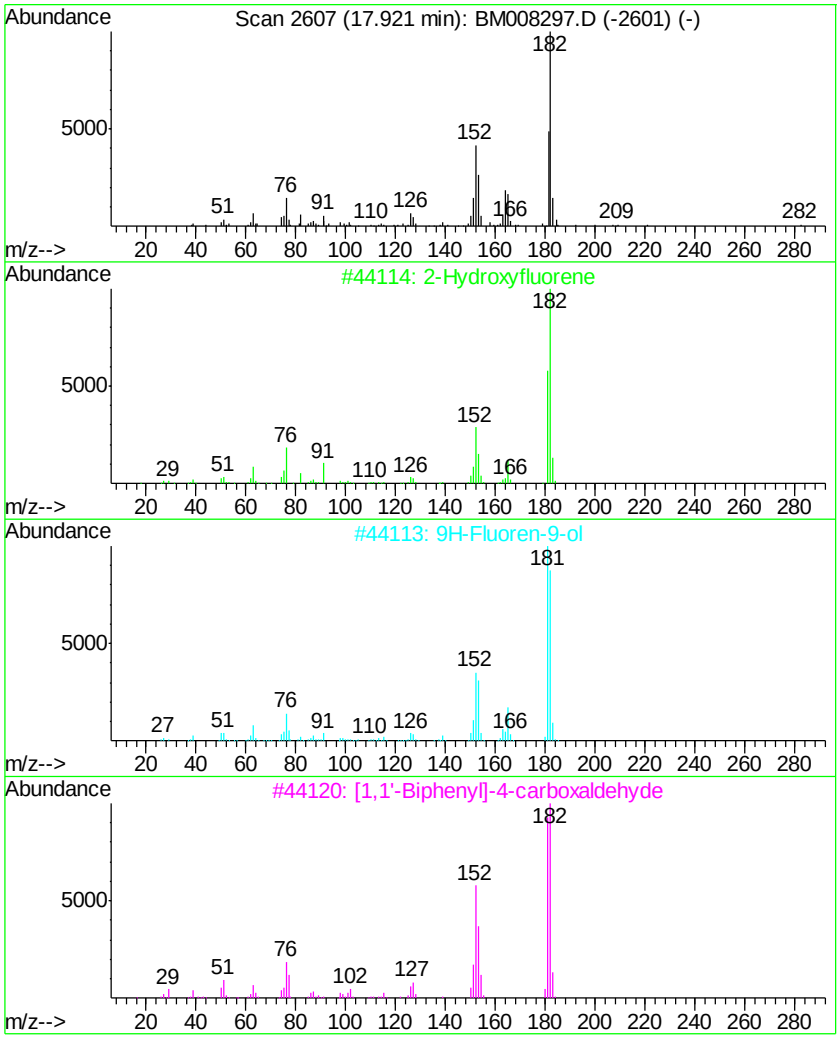
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

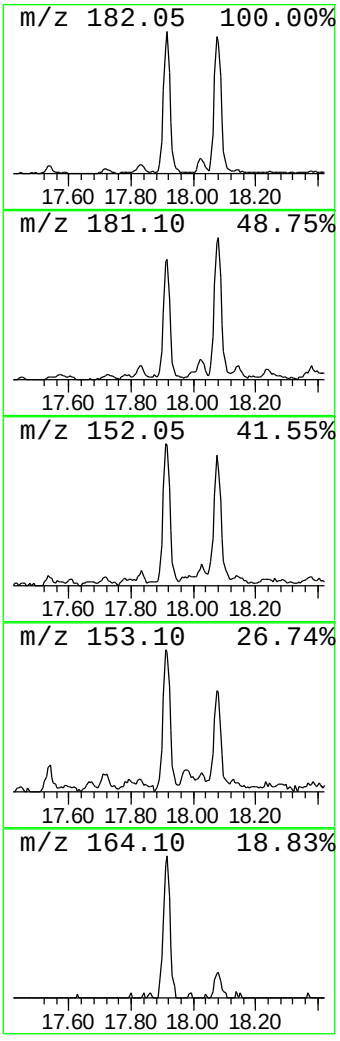
****

Peak Number 2 2-Hydroxyfluorene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.06 ng/ul	311659	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	81
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	50





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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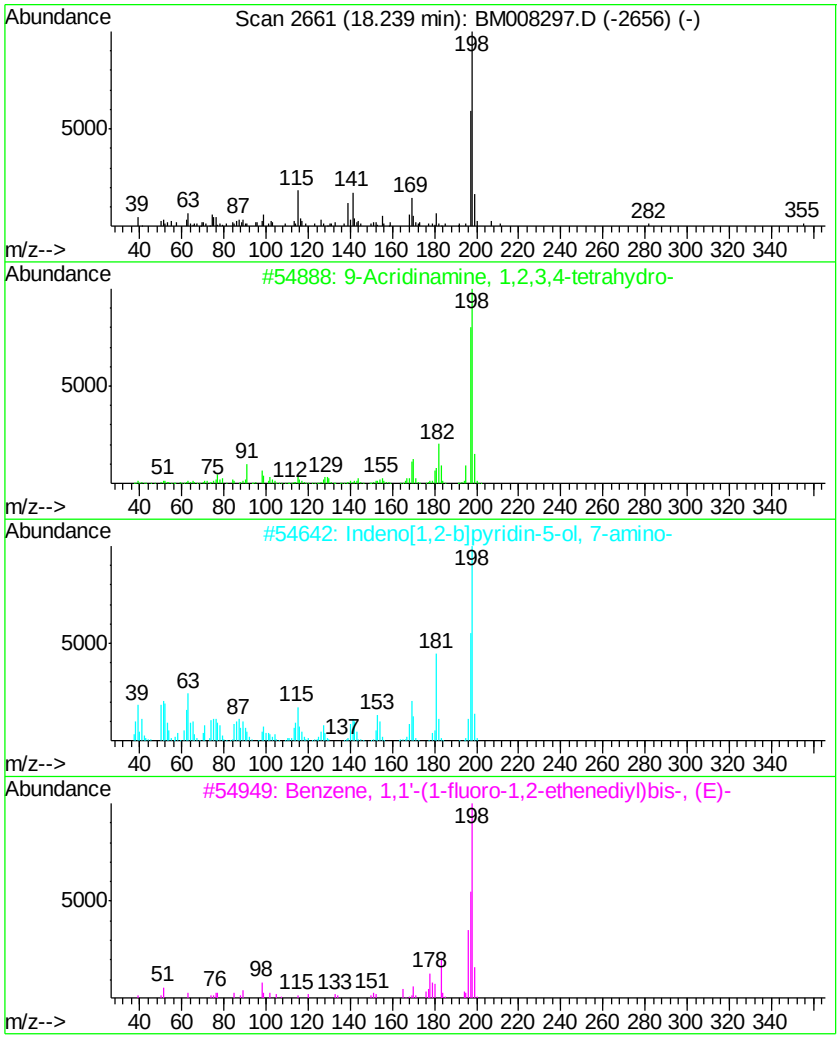
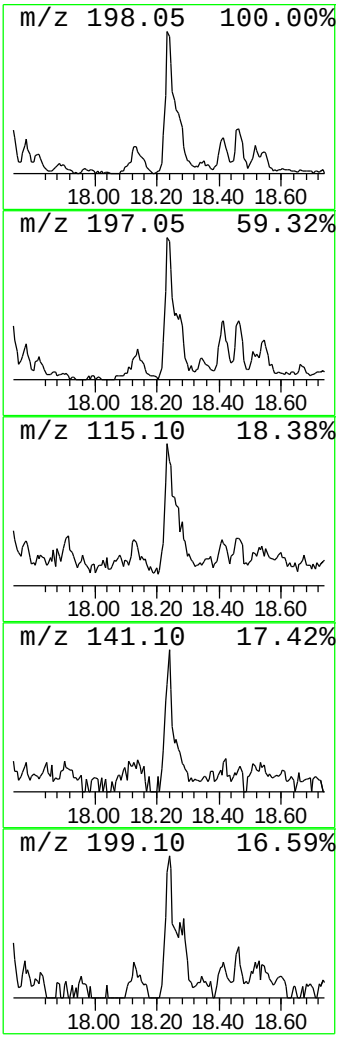
Peak Number 4 9-Acridinamine, 1,2,3,4-tet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.19 ng/ul	223483	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	74
2	Indeno[1,2-b]pyridin-5-ol, 7-amino-	198	C12H10N2O	339336-23-1	72
3	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	64
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	59





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Dibenzofuranol	17.45	2.1	ng/ul	214232	4	17.06	2037470	20.0
2-Hydroxyfluorene	17.92	3.1	ng/ul	311659	4	17.06	2037470	20.0
9-Acridinamine, 1...	18.24	2.2	ng/ul	223483	4	17.06	2037470	20.0