LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120817\
Data File : BM013274.D
Acq On : 08 Dec 2017 18:31
Operator : SJ/JU
Sample : I6758-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B19

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\SOM-EPA-BM113017.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	6.869	636	643	650	rVB	214662	346850	4.86%	0.527%
2	7.034	665	671	683	rVB	753126	1139761	15.97%	1.732%
3	7.228	698	704	712	rVB	827019	1294445	18.14%	1.967%
4	7.692	775	783	789	rBV	804727	1284094	18.00%	1.952%
5	7.757	789	794	804	rVB2	73844	119320	1.67%	0.181%
6	8.398	897	903	915	rBV2	664932	1054308	14.78%	1.602%
7	8.781	962	968	973	rBV	181257	290293	4.07%	0.441%
8	8.845	973	979	986	rVB	1023052	1695834	23.77%	2.577%
9	9.563	1094	1101	1115	rVB	945328	1572015	22.03%	2.389%
10	10.098	1185	1192	1202	rBV	1300939	2119145	29.70%	3.221%
11	10.475	1248	1256	1263	rBV	1145824	1877611	26.31%	2.854%
12	13.251	1721	1728	1740	rBV	192693	329227	4.61%	0.500%
13	13.751	1806	1813	1822	rBV	2970043	3930879	55.09%	5.974%
14	14.027	1851	1860	1867	rBV	3007591	4446456	62.32%	6.758%
15	14.333	1905	1912	1920	rBV2	1811898	2827127	39.62%	4.297%
16	14.545	1942	1948	1957	rBV	244901	417842	5.86%	0.635%
17	15.333	2075	2082	2092	rBV	3824975	5417002	75.92%	8.233%
18	15.457	2096	2103	2113	rVV	1445802	2001026	28.04%	3.041%
19	15.568	2117	2122	2129	rVB3	49642	83528	1.17%	0.127%
20	16.039	2197	2202	2208	rVB	51412	76041	1.07%	0.116%
21	17.080	2373	2379	2386	rVB	2496730	3646355	51.10%	5.542%
22	17.180	2389	2396	2406	rBV2	4463853	6259915	87.73%	9.514%
23	17.757	2488	2494	2499	rBV2	829118	1046164	14.66%	1.590%
24	17.986	2527	2533	2541	rBV2	147355	221431	3.10%	0.337%
25	19.268	2747	2751	2758	rBV	229167	324862	4.55%	0.494%
26	19.362	2763	2767	2773	rVB	52721	71854	1.01%	0.109%
27	19.480	2781	2787	2793	rBV	5325651	7135341	100.00%	10.844%
28	21.268	3086	3091	3099	rBV	3320204	4375848	61.33%	6.650%
29	23.362	3439	3447	3458	rVB2	3618694	6710144	94.04%	10.198%
30	23.497	3463	3470	3480	rVB	1971225	3684726	51.64%	5.600%

Sum of corrected areas: 65799444

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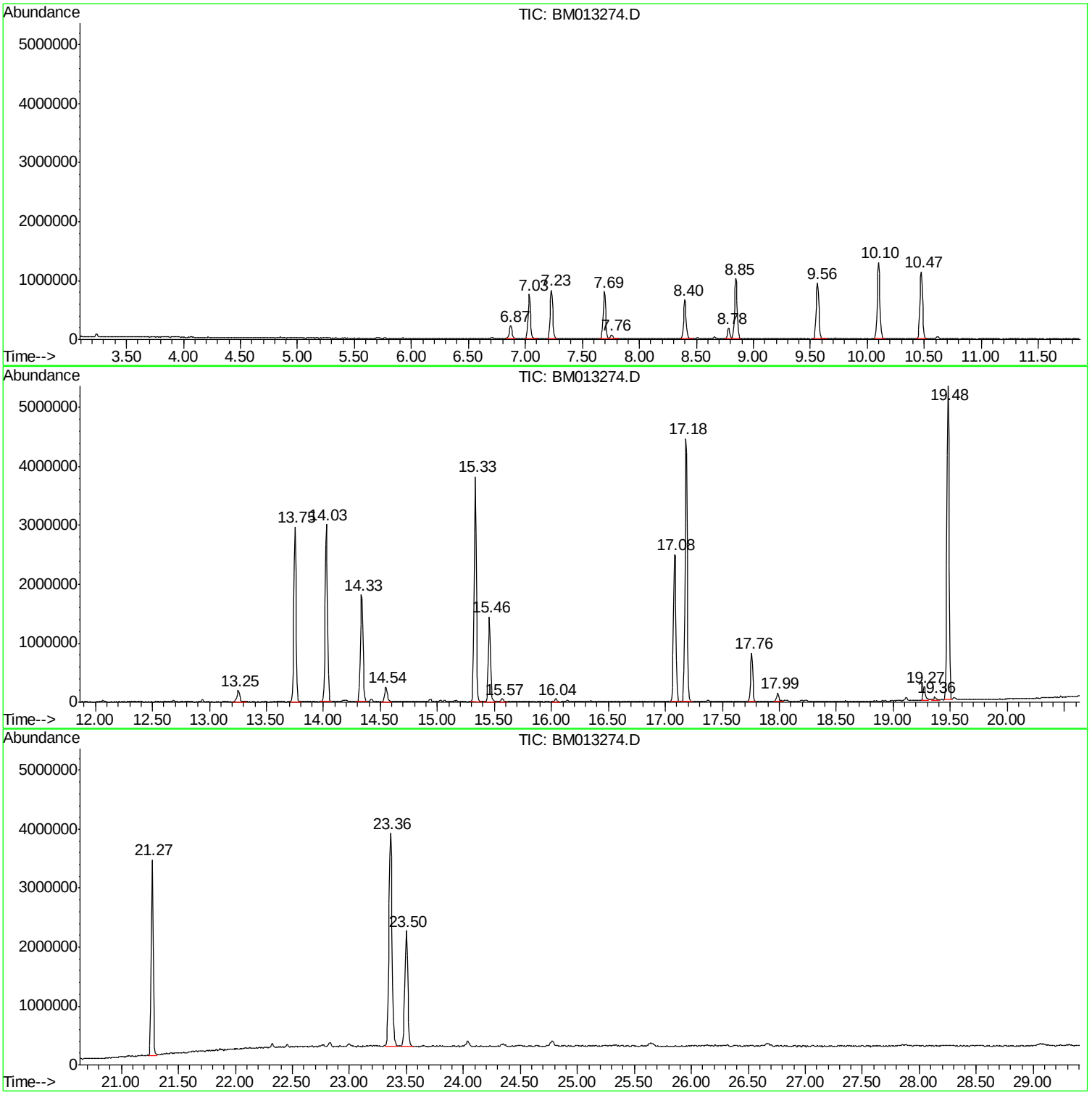
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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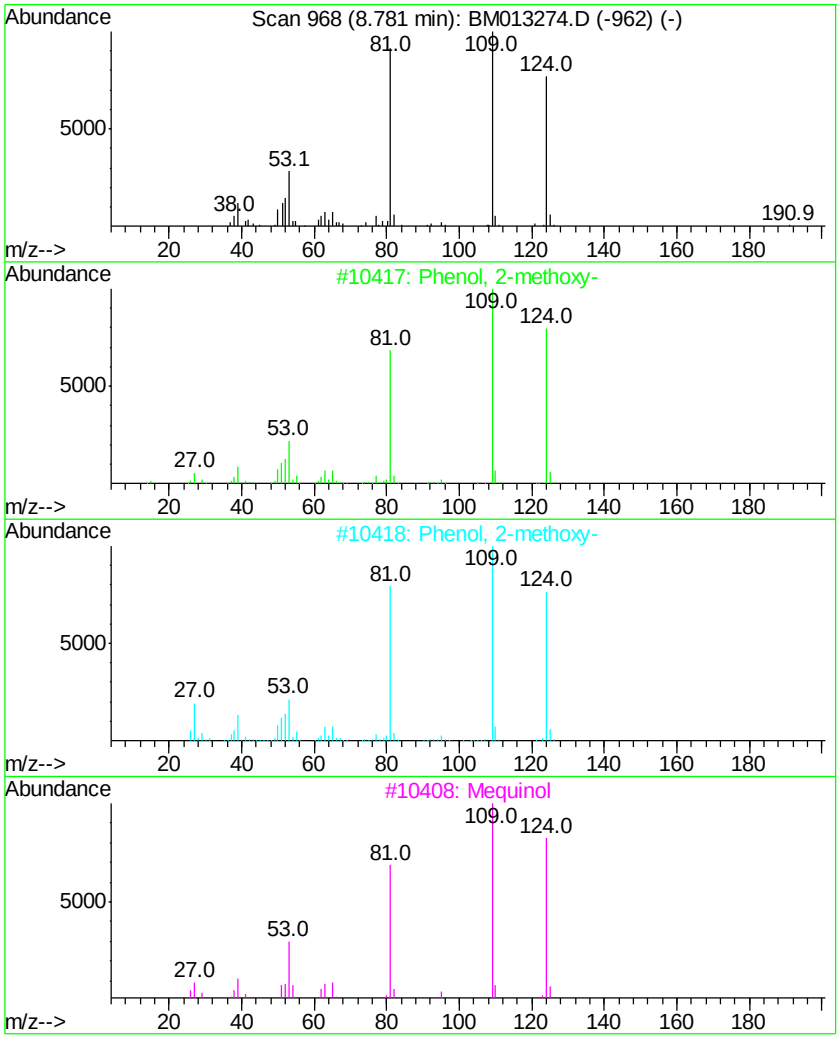
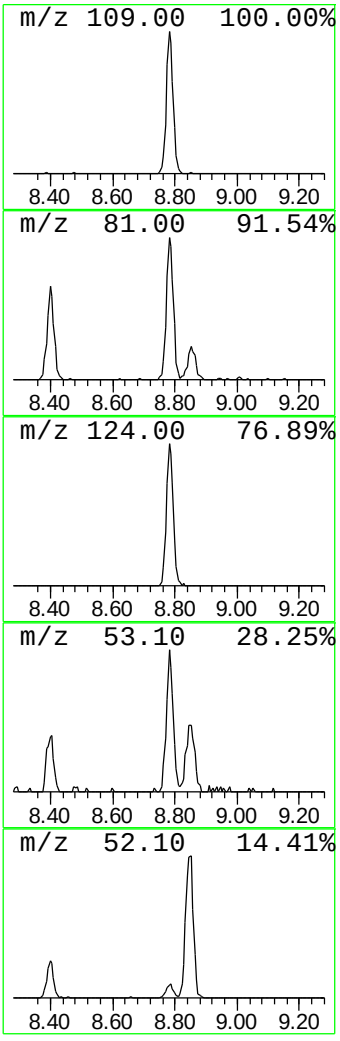
Peak Number 1 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	4.52 ng/ul	290293	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Mequinol	124	C7H8O2	000150-76-5	64
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
5	Mequinol	124	C7H8O2	000150-76-5	64





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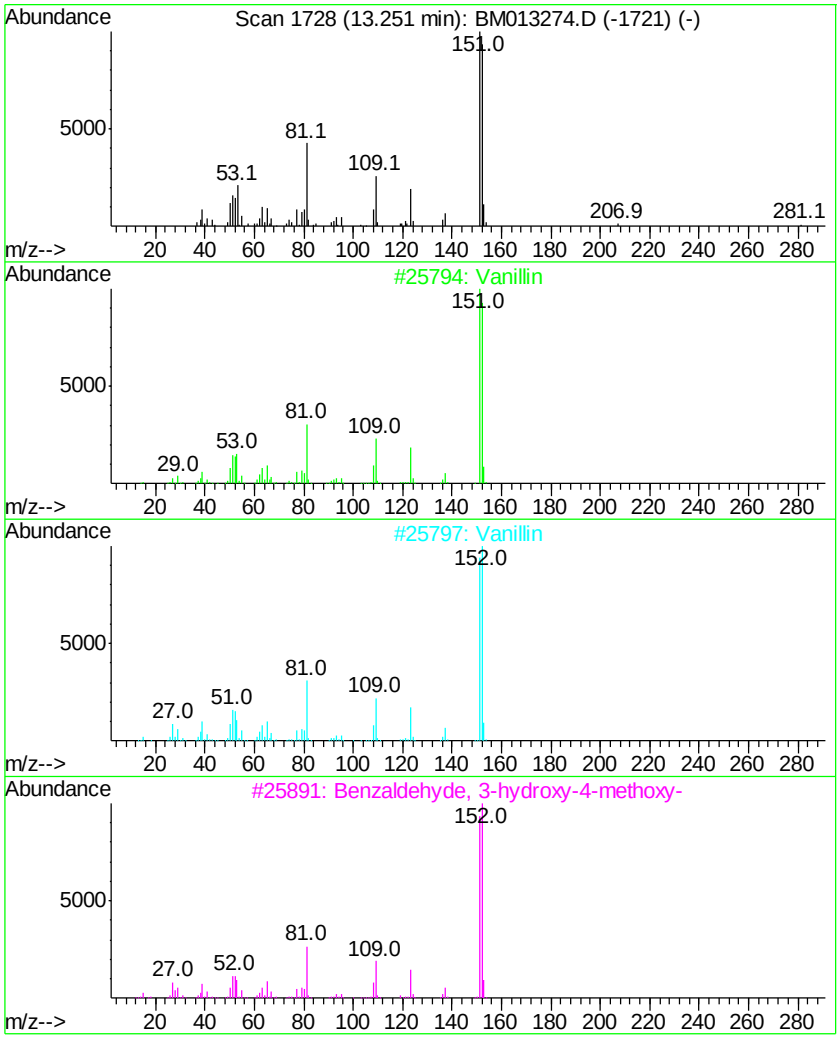
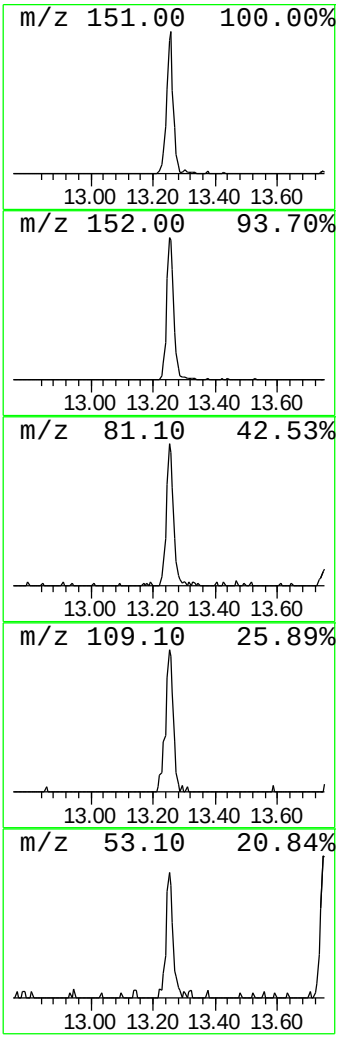
Peak Number 2 Vanillin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.33 ng/ul	329227	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	96
2	Vanillin	152	C8H8O3	000121-33-5	96
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
4	Vanillin	152	C8H8O3	000121-33-5	95
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	93





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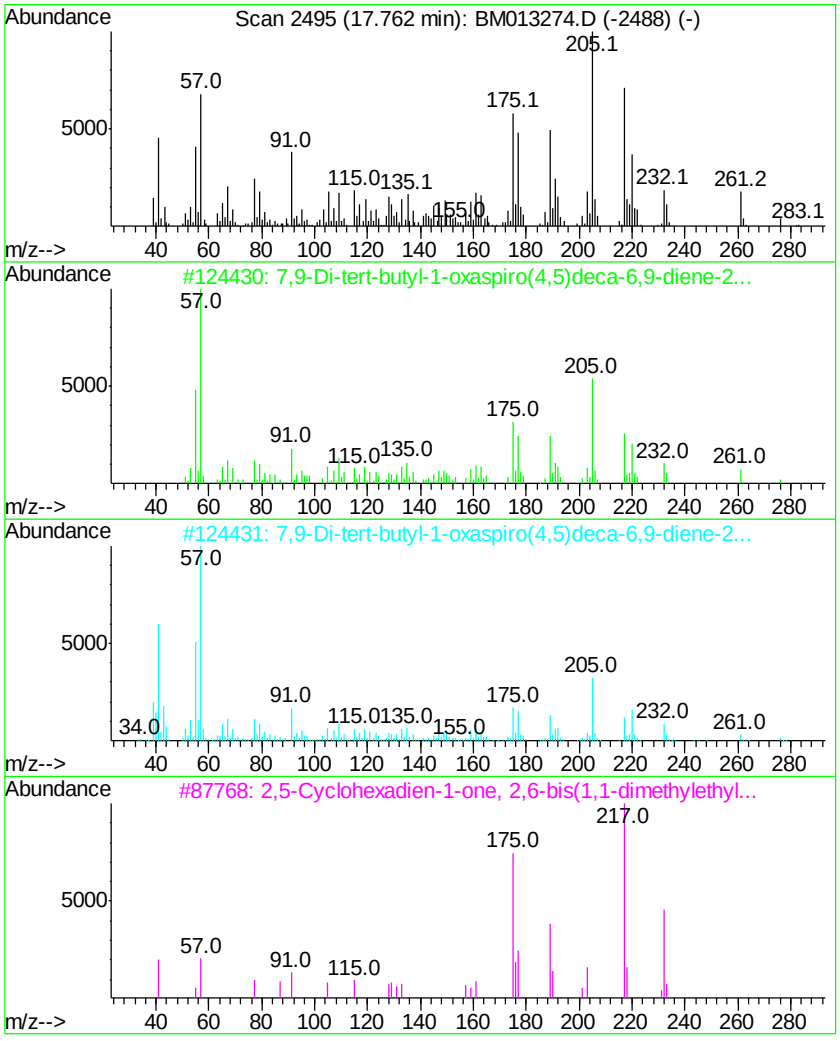
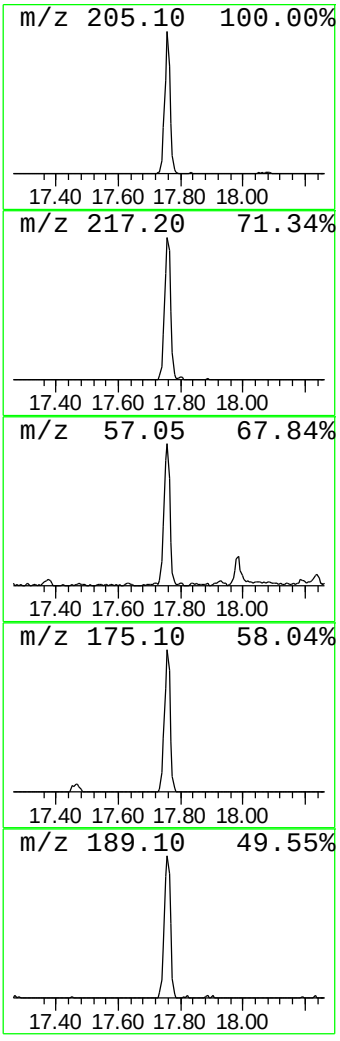
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	5.74 ng/ul	1046160	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	83
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	49
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	47
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2-methoxy-	8.78	4.5	ng/ul	290293	1	7.69	1284090	20.0
Vanillin	13.25	2.3	ng/ul	329227	3	14.33	2827130	20.0
7,9-Di-tert-butyl...	17.76	5.7	ng/ul	1046160	4	17.09	3646360	20.0