

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121618\
 Data File : BM018226.D
 Acq On : 16 Dec 2018 14:50
 Operator : JU/SJ
 Sample : J6426-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-RB-181213

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % 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_M\METHODS\8270-BM121518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.687	302	306	311	rBV	51812	69285	1.06%	0.195%
2	5.128	372	381	391	rBV	1085548	1559489	23.84%	4.400%
3	6.693	640	647	658	rBV	593777	961518	14.70%	2.713%
4	7.040	699	706	716	rBV	2016506	3204827	49.00%	9.043%
5	7.498	777	784	792	rBV	469464	737367	11.27%	2.081%
6	7.810	830	837	847	rBV	1981586	3125395	47.78%	8.819%
7	8.657	973	981	991	rBV	1444927	2483554	37.97%	7.008%
8	10.263	1247	1254	1269	rBV	478477	922596	14.11%	2.603%
9	12.763	1672	1679	1695	rBV	3864441	5755024	87.99%	16.238%
10	14.157	1906	1916	1928	rBV2	718554	1167118	17.84%	3.293%
11	15.663	2165	2172	2189	rBV	2721073	3973729	60.76%	11.212%
12	16.921	2380	2386	2404	rVB	755685	1250705	19.12%	3.529%
13	17.592	2495	2500	2505	rBV	340960	424230	6.49%	1.197%
14	18.039	2571	2576	2581	rBV	556088	749605	11.46%	2.115%
15	19.574	2831	2837	2850	rBV	5281229	6540578	100.00%	18.455%
16	21.139	3098	3103	3116	rBV	907673	1315237	20.11%	3.711%
17	23.297	3464	3470	3481	rBV	633767	1200857	18.36%	3.388%

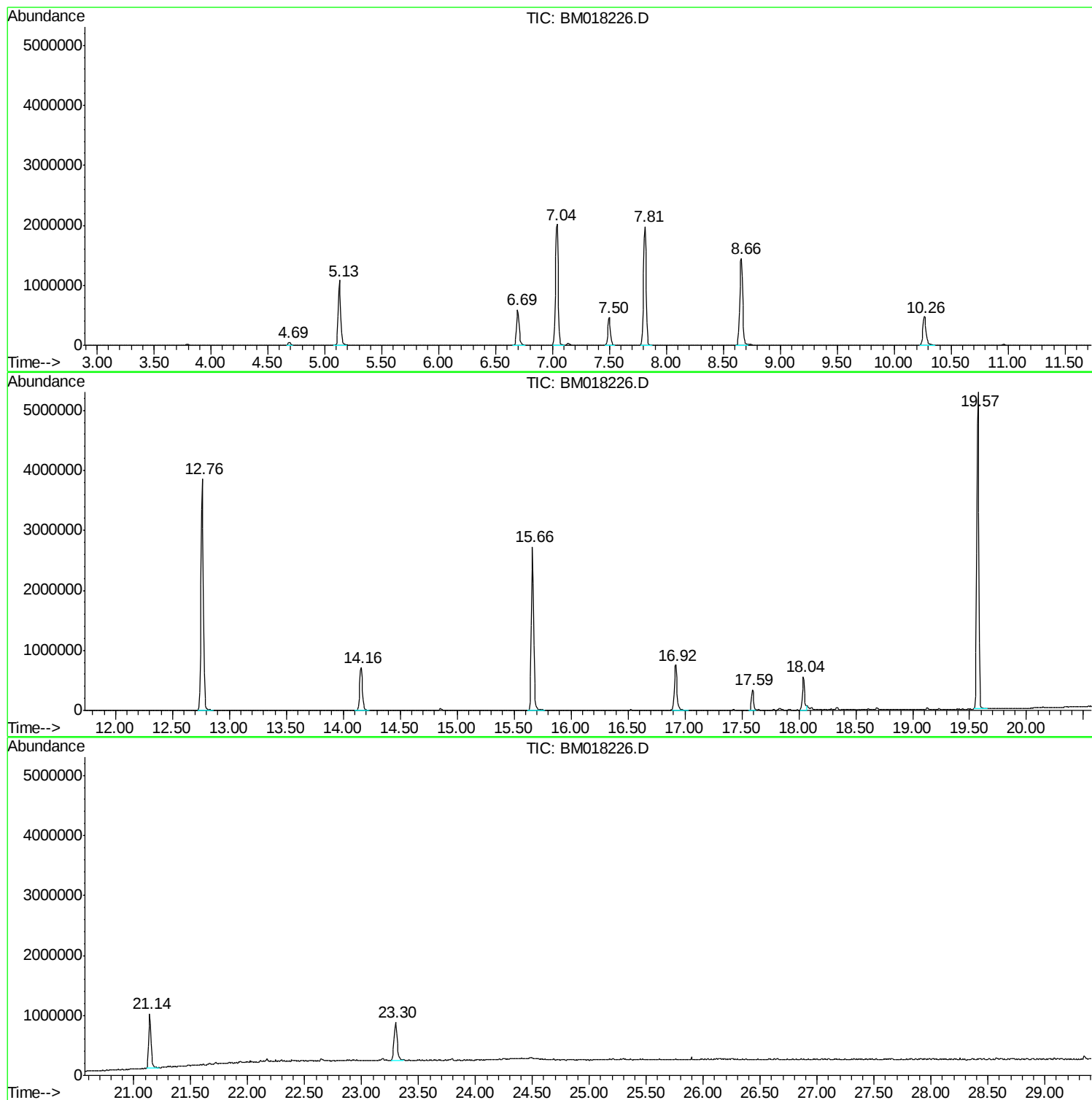
Sum of corrected areas: 35441114

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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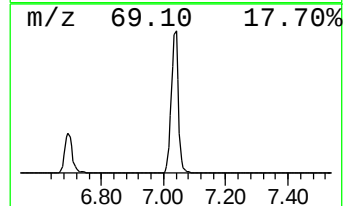
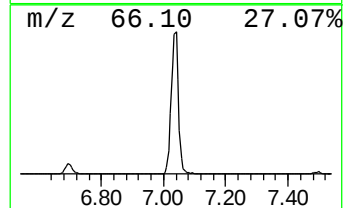
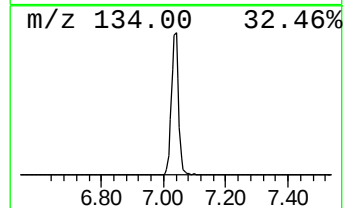
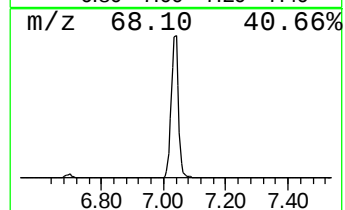
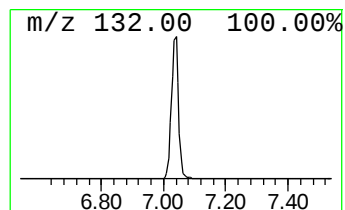
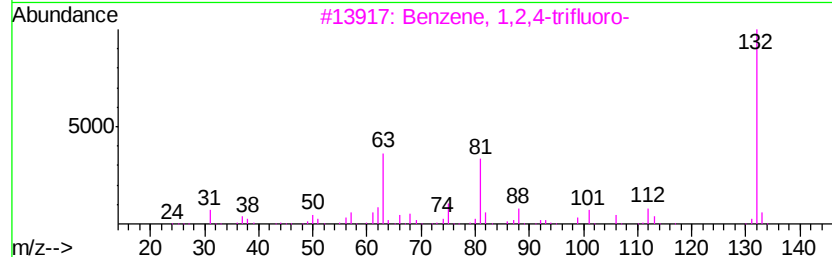
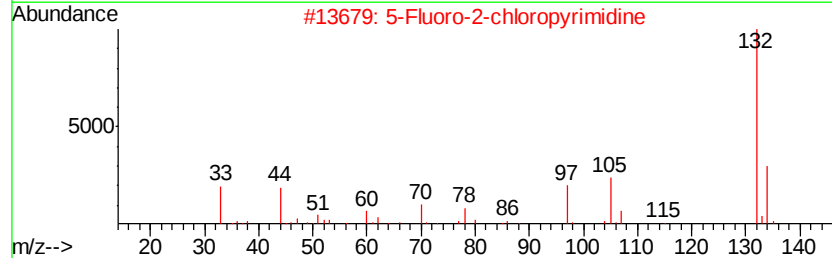
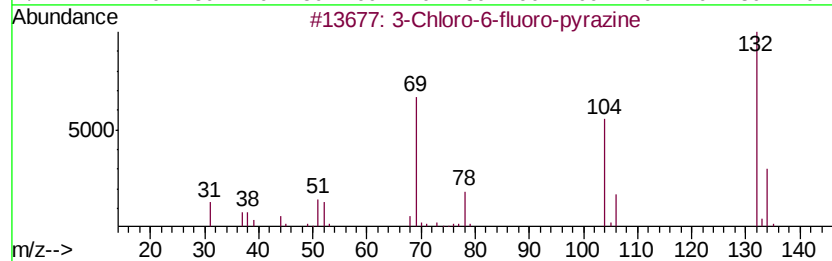
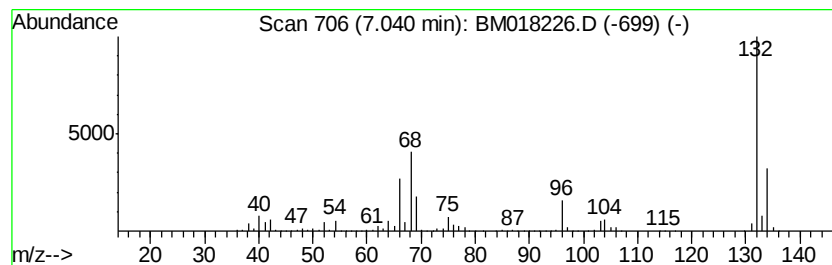
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	86.93 ng	3204830	1,4-Dichlorobenzene-d4	7.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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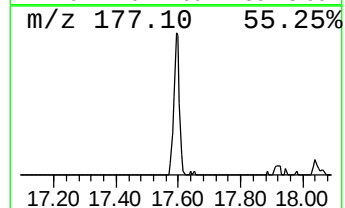
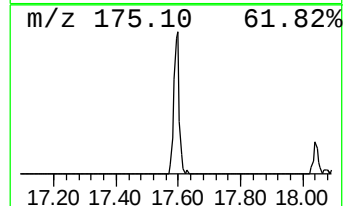
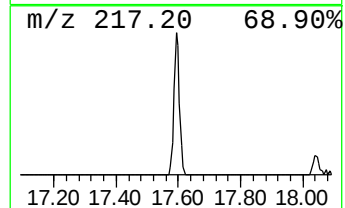
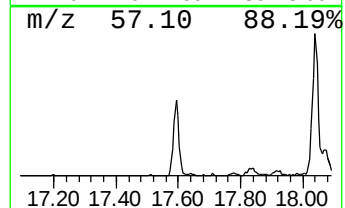
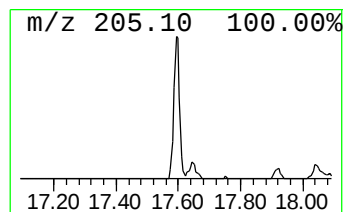
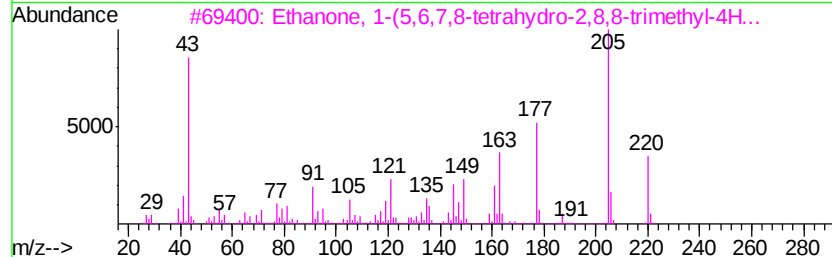
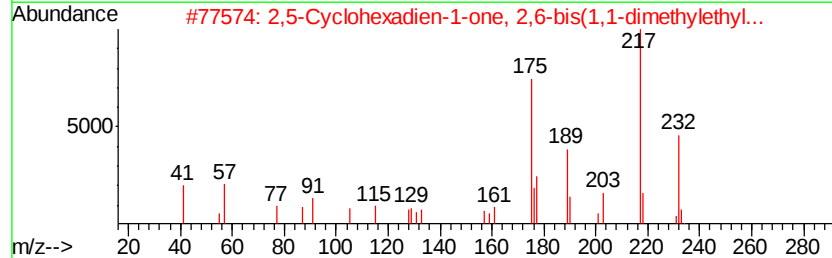
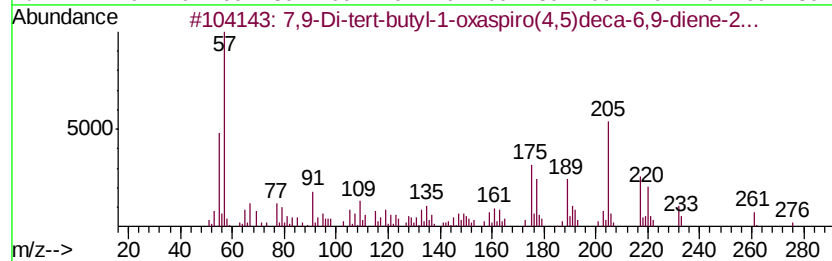
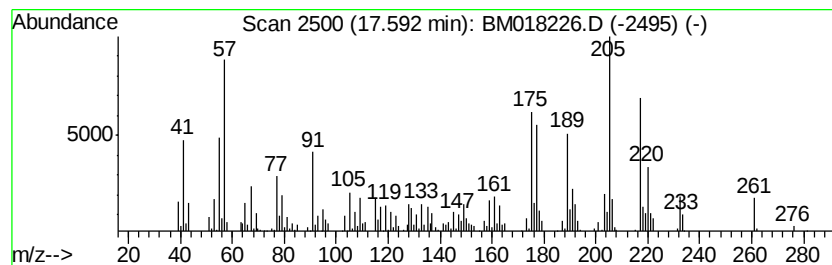
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Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.59	6.78 ng	424230	Phenanthrene-d10	16.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	86
3	Ethanone, 1-(5,6,7,8-tetrahydro...	220	C14H20O2	071596-88-8	64
4	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	43
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	42



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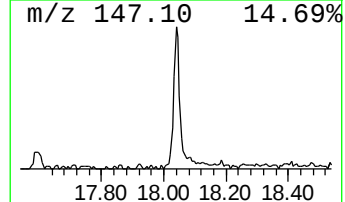
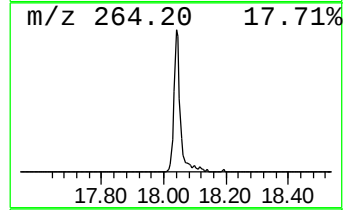
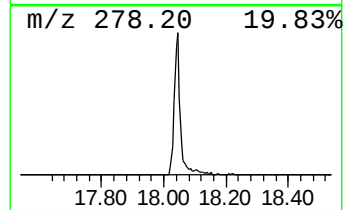
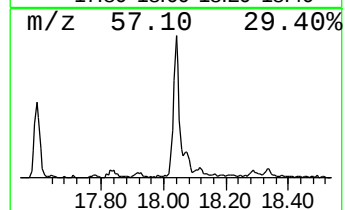
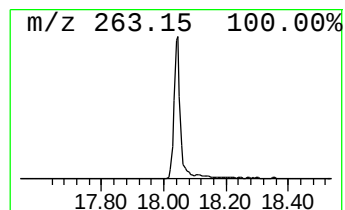
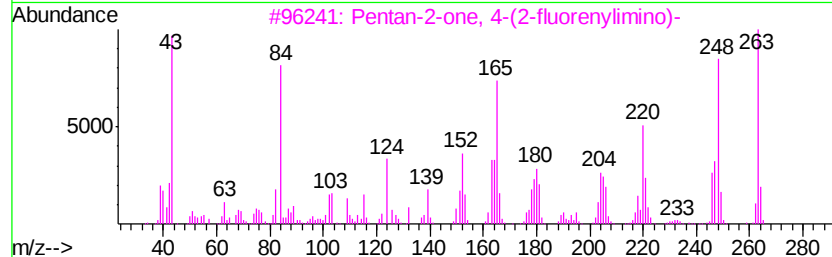
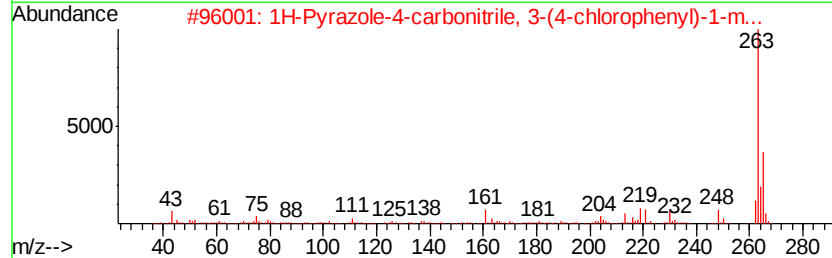
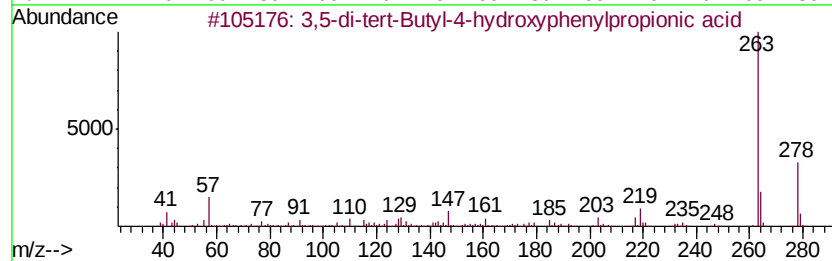
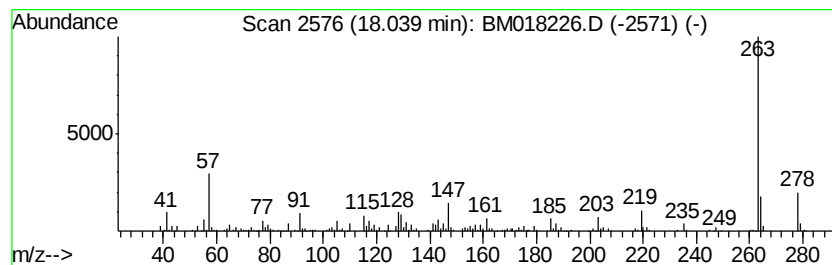
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Peak Number 4 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.04	11.99 ng	749605	Phenanthrene-d10	16.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94	
2	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	50	
3	Pentan-2-one, 4-(2-fluorenylimino)-	263	C18H17NO	050651-58-6	49	
4	Iron, (.eta.-5-cyclopentadienyl)...	263	C15H13FeN	1000164-28-2	49	
5	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	45	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.04	7.04	86.9	ng	3204830	1	7.50	737367	20.0
7,9-Di-tert-butyl...	17.59	6.8	ng	424230	4	16.92	1250710	20.0
3,5-di-tert-Butyl...	18.04	12.0	ng	749605	4	16.92	1250710	20.0