

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
 Data File : BF112377.D
 Acq On : 4 Feb 2019 13:50
 Operator : JU/SJ
 Sample : PB116785BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BL

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	5.075	504	508	527	rBV	153650	223979	3.31%	0.479%
2	5.481	572	577	598	rBV	4361661	4309931	63.77%	9.227%
3	6.481	742	747	764	rBV	3918510	4569269	67.60%	9.782%
4	6.610	764	769	772	rBV	4971362	4704259	69.60%	10.071%
5	6.834	803	807	817	rBV	1062236	1016988	15.05%	2.177%
6	6.986	829	833	837	rBV	3708700	3799683	56.22%	8.134%
7	7.392	897	902	918	rBV	2430740	2935237	43.43%	6.284%
8	8.110	1019	1024	1048	rBV	1161120	1315628	19.47%	2.816%
9	9.186	1201	1207	1211	rBV	5301968	5969739	88.32%	12.780%
10	9.869	1317	1323	1332	rBV	1621199	1576461	23.32%	3.375%
11	10.663	1452	1458	1480	rBV	3854197	3920277	58.00%	8.392%
12	11.357	1570	1576	1584	rBV	1844959	1711893	25.33%	3.665%
13	12.945	1838	1846	1849	rBV	6343067	6758901	100.00%	14.469%
14	13.998	2021	2025	2034	rBV	1925658	1754173	25.95%	3.755%
15	15.086	2200	2210	2217	rVB	38696	68941	1.02%	0.148%
16	15.462	2269	2274	2287	rBV	1214276	1593878	23.58%	3.412%
17	16.898	2500	2518	2538	rVB4	83154	483095	7.15%	1.034%

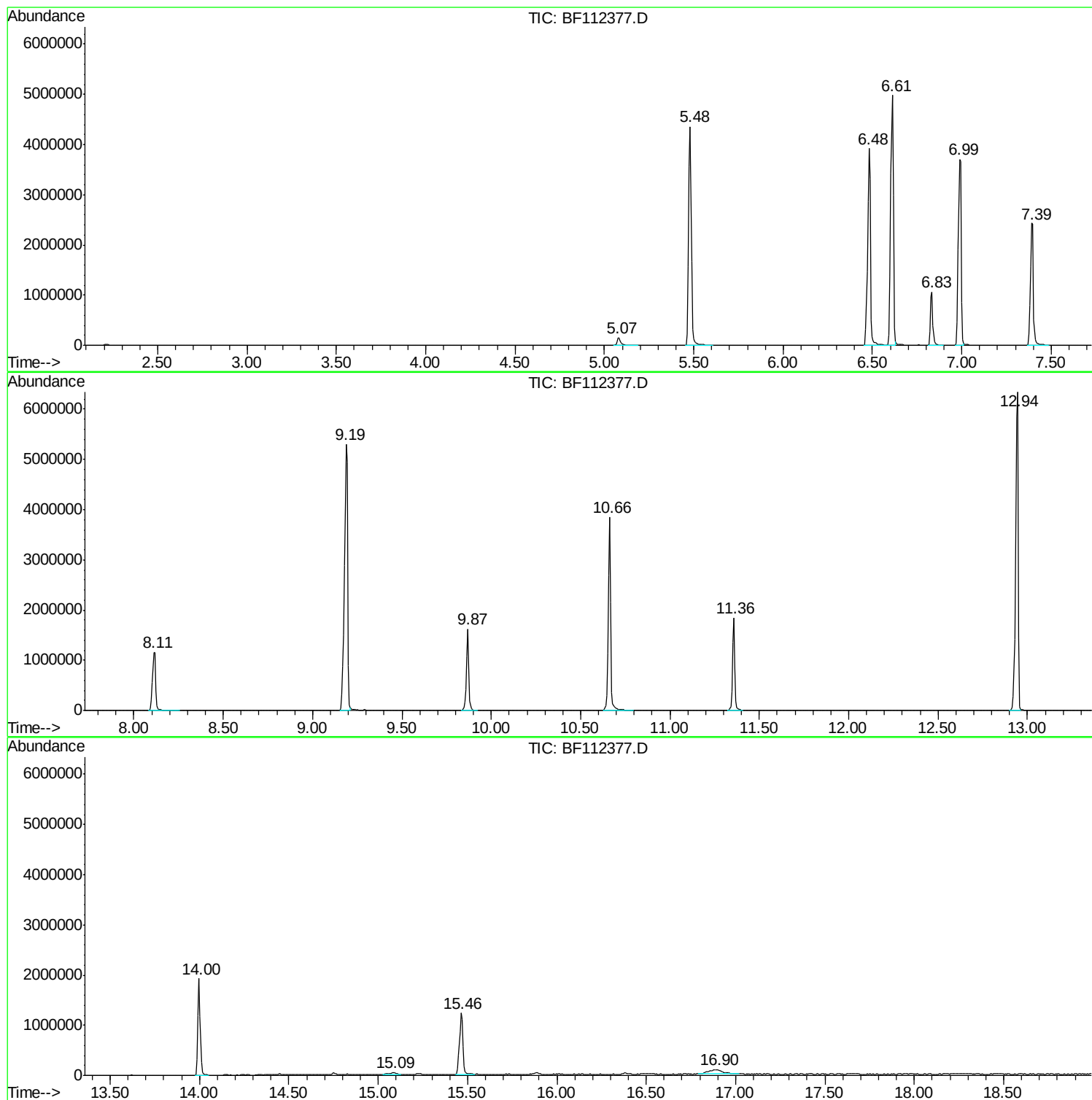
Sum of corrected areas: 46712332

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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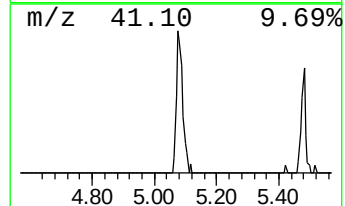
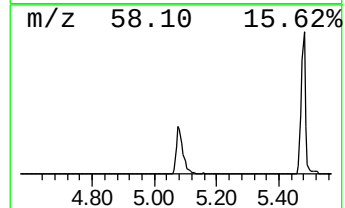
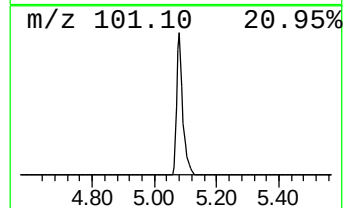
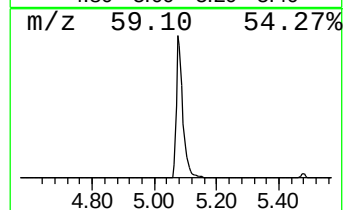
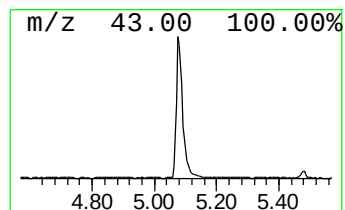
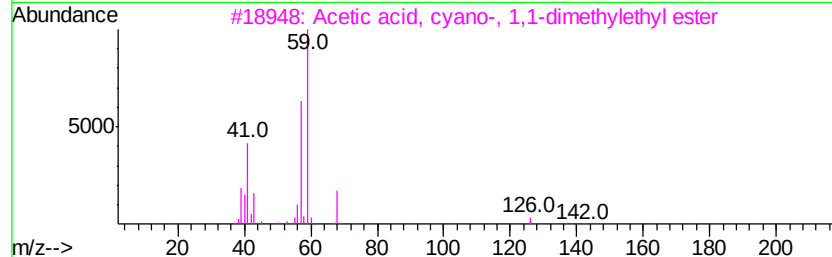
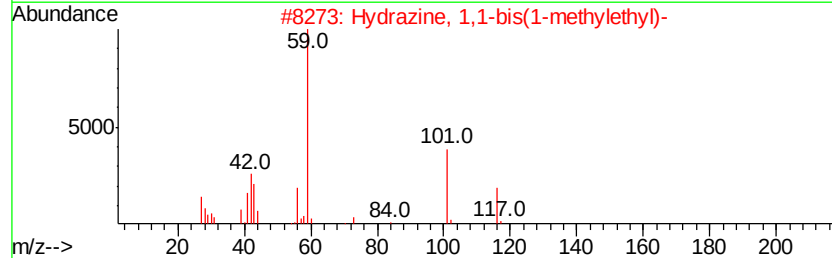
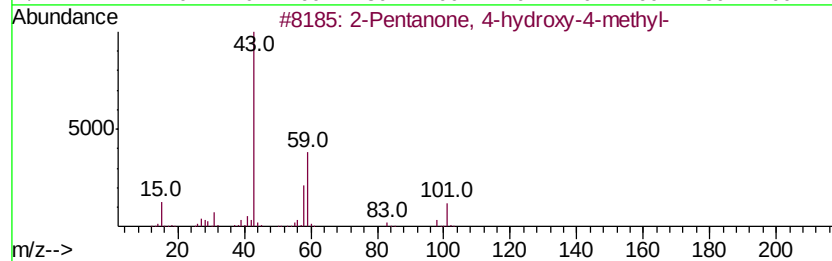
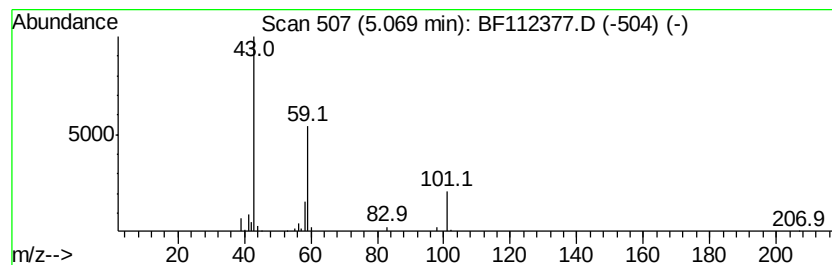
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TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.07	4.40 ng	223979	1,4-Dichlorobenzene-d4	6.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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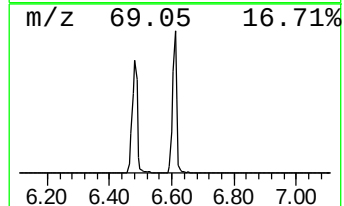
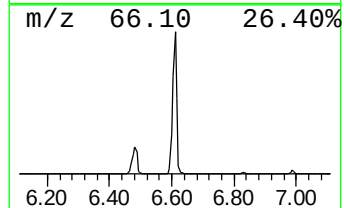
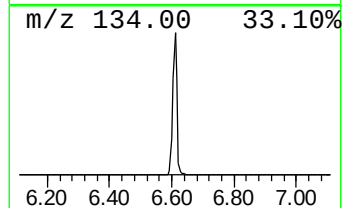
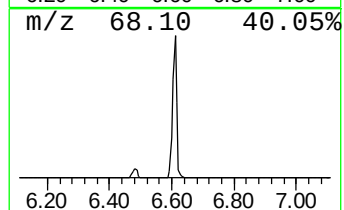
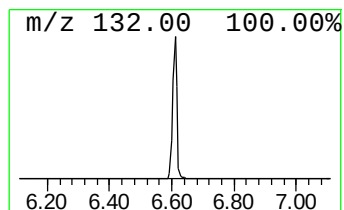
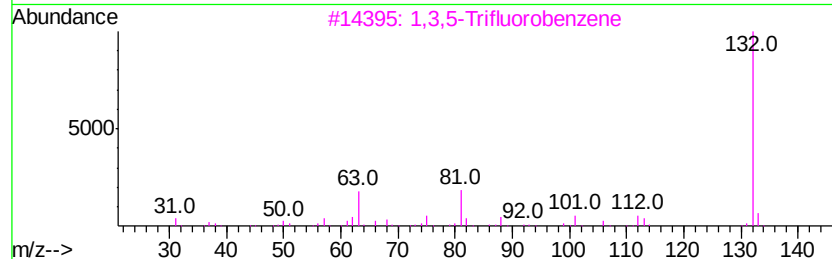
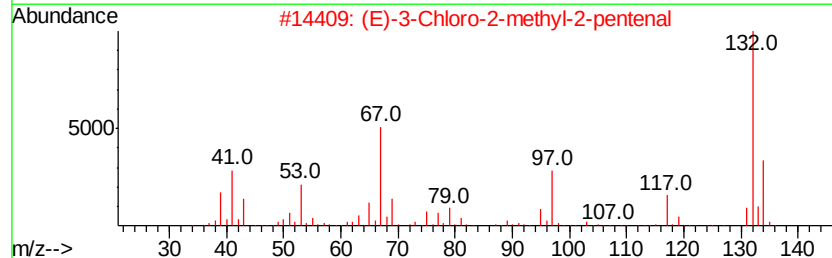
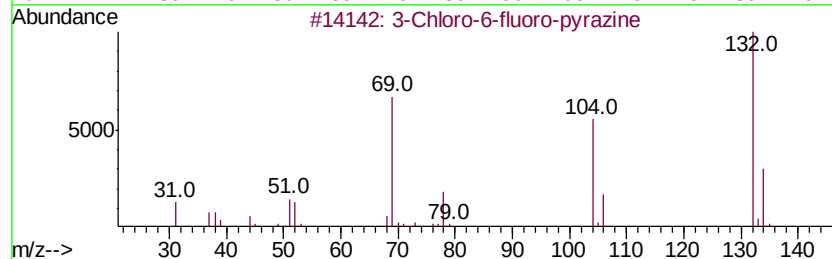
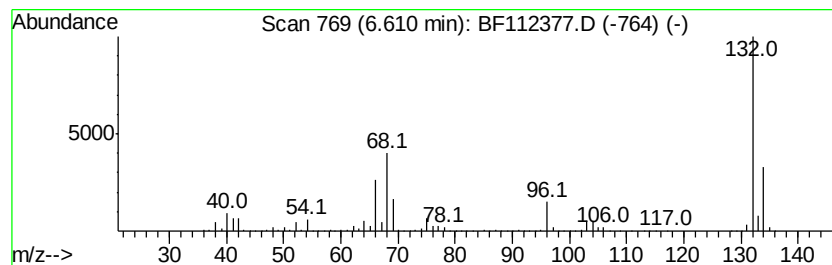
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Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	92.51 ng	4704260	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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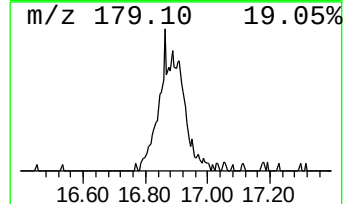
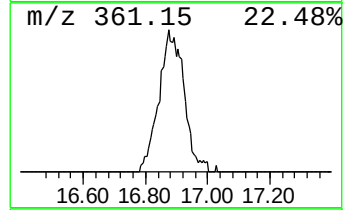
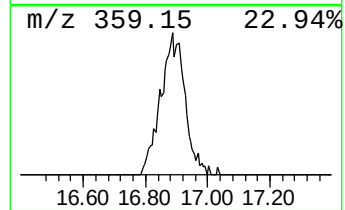
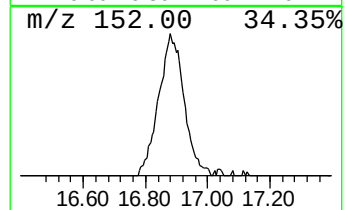
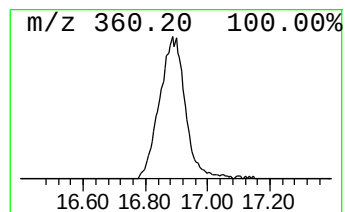
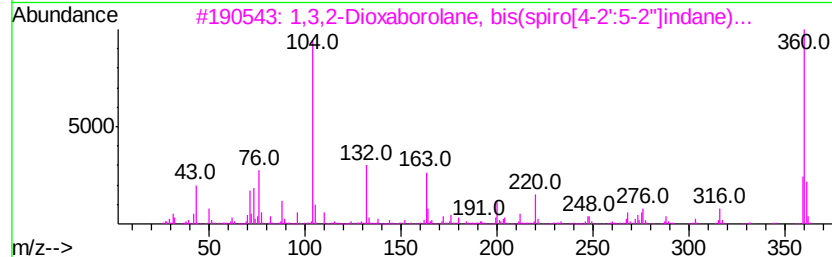
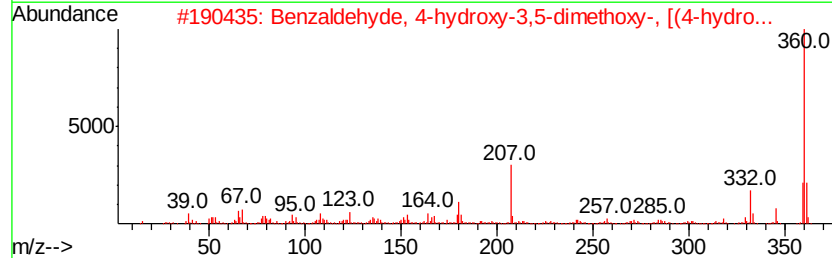
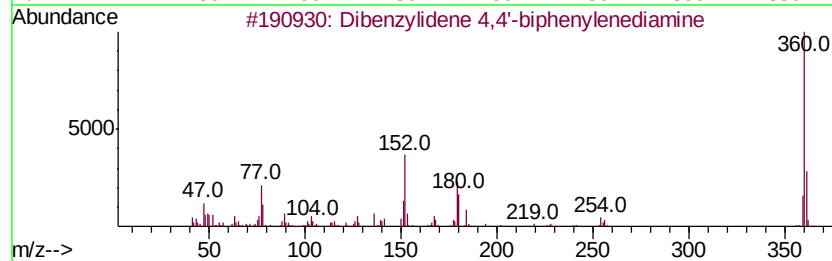
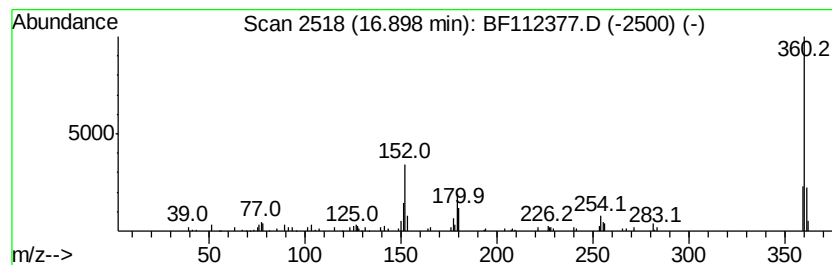
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Peak Number 4 Dibenzylidene 4,4'-biphenyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	6.06 ng	483095	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzylidene 4,4'-biphenylenedi...	360	C26H20N2	006311-48-4	93
2		Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	53
3		1,3,2-Dioxaborolane, bis(spiro[4...	360	C20H13B06	1000150-23-7	50
4		1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	50
5		N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	49



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	4.4	ng	223979	1	6.83	1016990	20.0
unknown6.61	6.61	92.5	ng	4704260	1	6.83	1016990	20.0
Dibenzylidene 4,4...	16.90	6.1	ng	483095	6	15.46	1593880	20.0