

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119612.D
 Acq On : 28 Mar 2020 13:09
 Operator : CG/JU
 Sample : L2013-09 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHD1-SB-0203-0-11

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_F\METHODS\8270-BF031820.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	5.434	565	569	581	rBV	703634	676125	2.63%	1.566%
2	6.445	737	741	751	rBV	785523	648780	2.52%	1.503%
3	6.833	803	807	810	rBV	1895742	1689750	6.57%	3.915%
4	6.986	829	833	836	rBV	618153	504782	1.96%	1.169%
5	7.386	897	901	907	rBV	576036	456025	1.77%	1.056%
6	8.116	1020	1025	1028	rBV	2826684	2281742	8.87%	5.286%
7	9.192	1203	1208	1211	rBV	771959	603563	2.35%	1.398%
8	9.874	1318	1324	1327	rBV	2730611	2184692	8.49%	5.061%
9	10.657	1454	1457	1462	rBV	496410	439276	1.71%	1.018%
10	11.363	1573	1577	1579	rBV	2665380	2245234	8.73%	5.202%
11	11.386	1579	1581	1584	rVB	462632	357613	1.39%	0.828%
12	12.574	1779	1783	1787	rBV	1020227	818604	3.18%	1.896%
13	12.804	1819	1822	1825	rVB	685211	584169	2.27%	1.353%
14	12.945	1843	1846	1854	rVB	660311	593399	2.31%	1.375%
15	14.009	2020	2027	2030	rBV	17744916	25729285	100.00%	59.607%
16	14.604	2125	2128	2134	rVB	565640	564716	2.19%	1.308%
17	14.974	2187	2191	2196	rVB	259775	311731	1.21%	0.722%
18	15.033	2197	2201	2205	rBV2	238546	342182	1.33%	0.793%
19	15.280	2237	2243	2248	rVB	360485	651858	2.53%	1.510%
20	15.468	2269	2275	2278	rBV	821896	1059928	4.12%	2.456%
21	16.121	2380	2386	2393	rBV	250211	421475	1.64%	0.976%

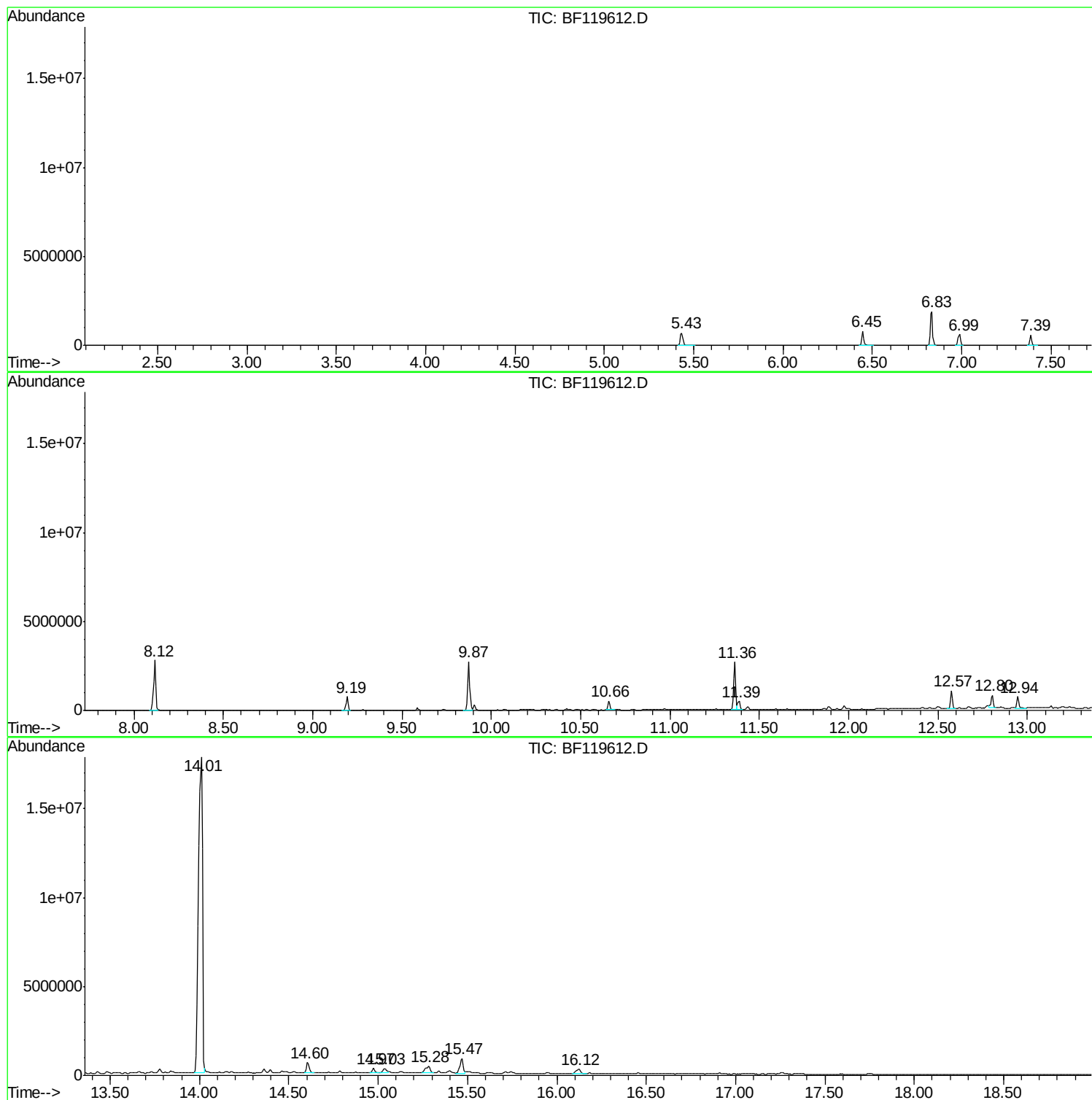
Sum of corrected areas: 43164929

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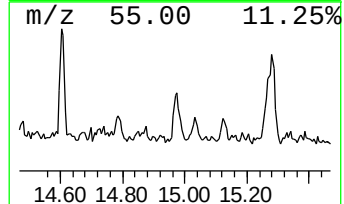
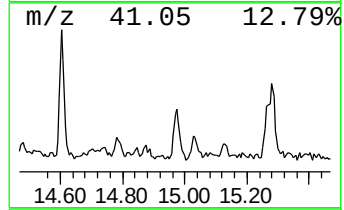
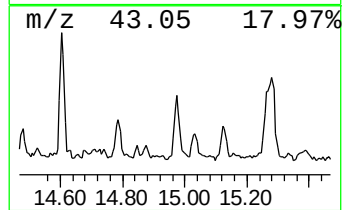
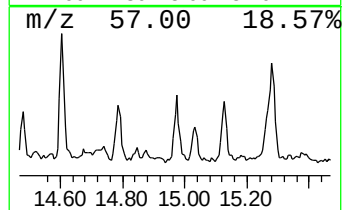
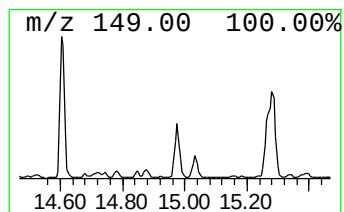
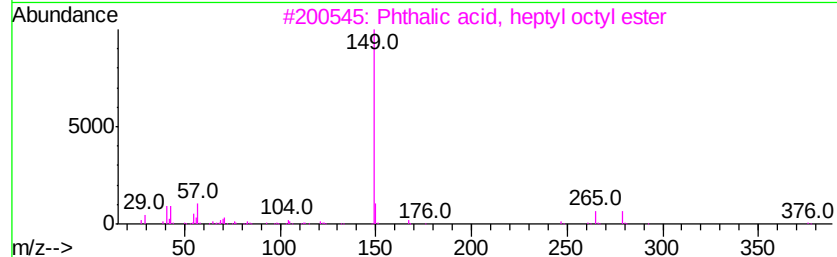
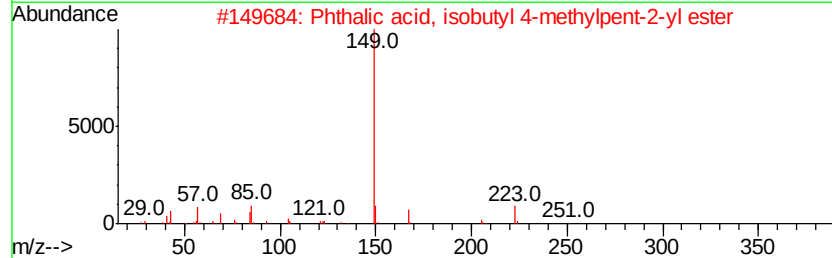
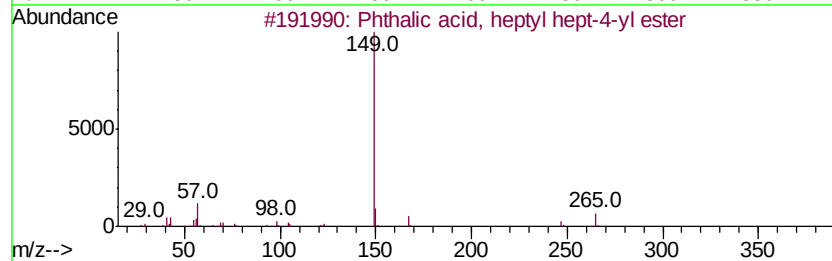
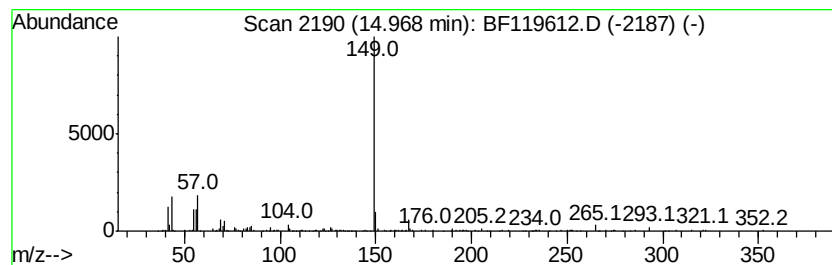
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phthalic acid, heptyl hept-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.97	5.88 ng	311731	Perylene-d12	15.47		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	78	
2	Phthalic acid, isobutyl 4-methyl...	306	C18H26O4	1000356-87-2	72	
3	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	72	
4	Phthalic acid, 4-chloro-2-methyl...	458	C27H35ClO4	1000356-38-2	64	
5	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	64	



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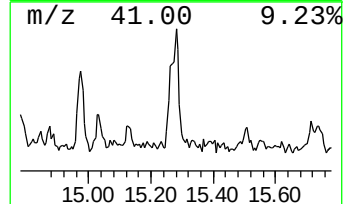
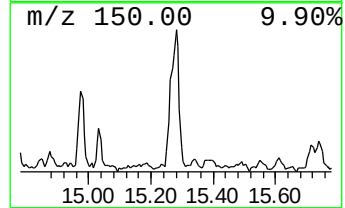
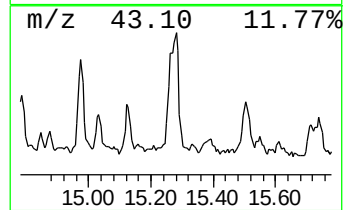
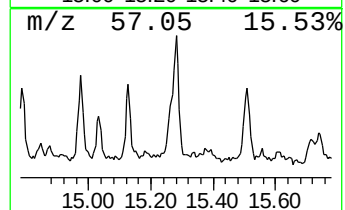
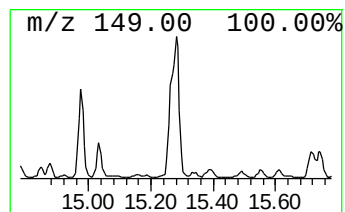
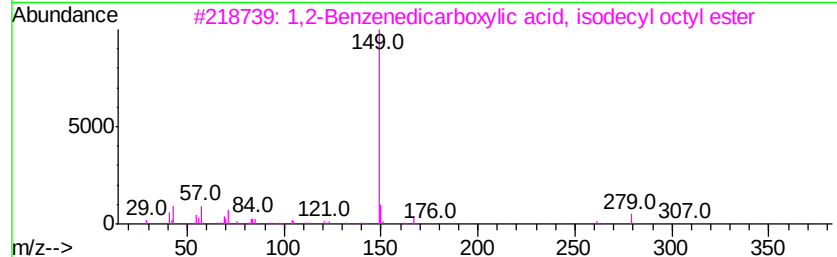
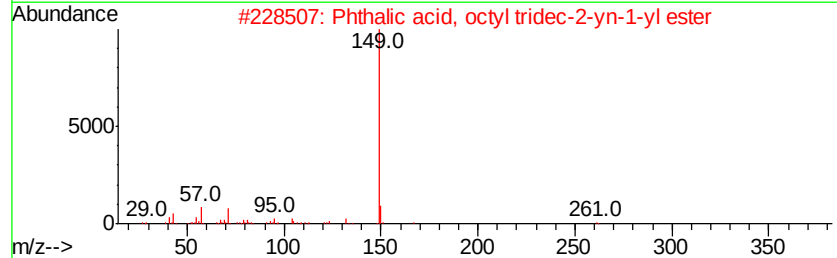
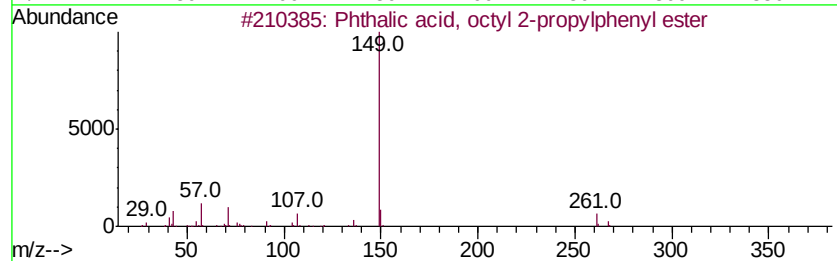
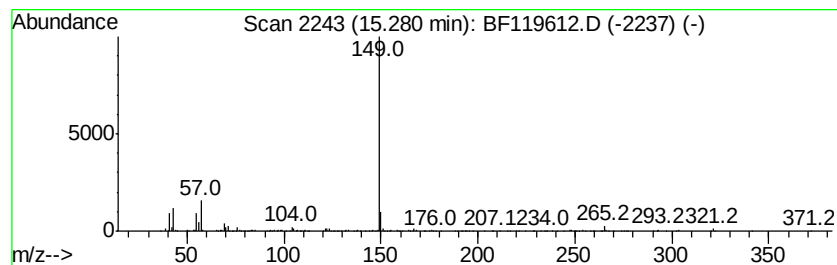
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Peak Number 3 Phthalic acid, octyl 2-prop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.28	12.30 ng	651858	Perylene-d12	15.47		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic acid, octyl 2-propylphe...	396	C25H32O4	1000357-02-4	72
2		Phthalic acid, octyl tridec-2-yn...	456	C29H44O4	1000315-44-1	72
3		1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	72
4		Phthalic acid, decyl 2-propylphe...	424	C27H36O4	1000357-02-5	72
5		Phthalic acid, heptyl hept-2-yl ...	362	C22H34O4	1000356-97-4	72



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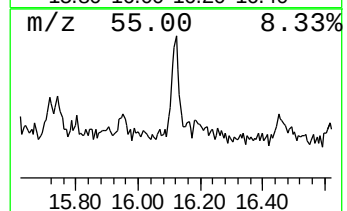
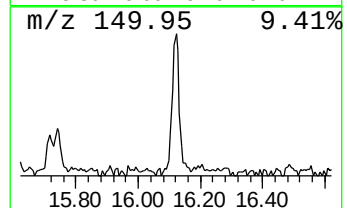
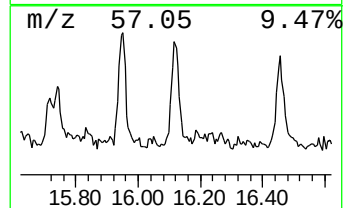
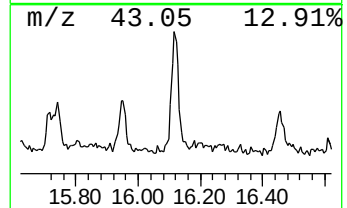
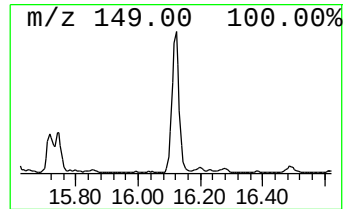
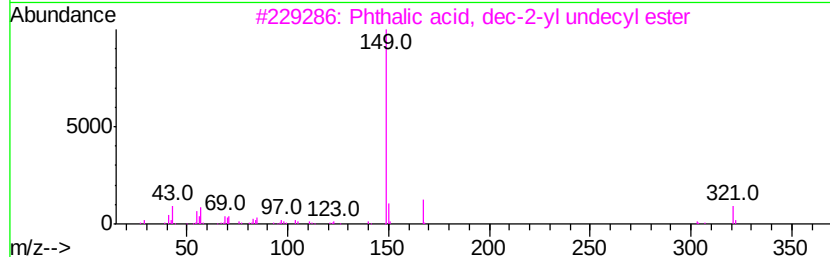
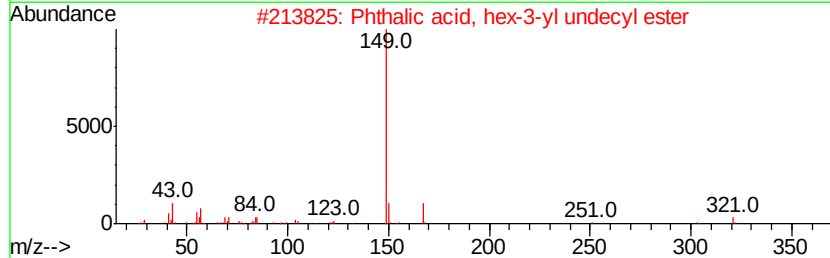
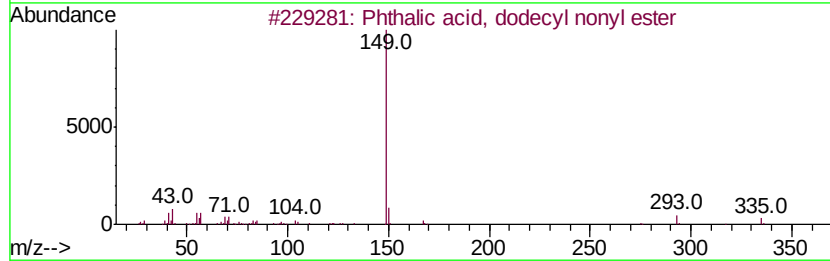
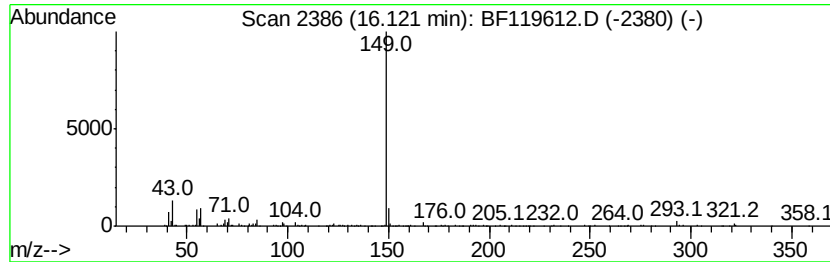
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Peak Number 4 Phthalic acid, dodecyl nonyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	7.95 ng	421475	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	80
2		Phthalic acid, hex-3-yl undecyl ...	404	C25H40O4	1000356-96-2	80
3		Phthalic acid, dec-2-yl undecyl ...	460	C29H48O4	1000356-94-6	80
4		Phthalic acid, dodecyl hept-3-yl...	432	C27H44O4	1000356-99-6	80
5		Phthalic acid, hept-3-yl tridecy...	446	C28H46O4	1000356-99-7	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phthalic acid, he...	14.97	5.9 ng		311731	6	15.47	1059930	20.0
Phthalic acid, oc...	15.28	12.3 ng		651858	6	15.47	1059930	20.0
Phthalic acid, do...	16.12	8.0 ng		421475	6	15.47	1059930	20.0