

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022504.D
 Acq On : 03 Sep 2019 15:53
 Operator : HP/JU
 Sample : K4555-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-14

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_M\METHODS\8270-BM082919.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	5.128	359	364	379	rBV	159464	248793	14.81%	3.834%
2	6.704	627	632	650	rBV	77367	150797	8.98%	2.324%
3	7.040	683	689	699	rBV	361717	564820	33.63%	8.704%
4	7.504	763	768	775	rBB	77134	118113	7.03%	1.820%
5	7.810	811	820	832	rBB	354725	563986	33.58%	8.692%
6	8.681	961	968	985	rBV	200231	394693	23.50%	6.083%
7	10.281	1234	1240	1249	rBV2	64492	126533	7.53%	1.950%
8	12.769	1657	1663	1677	rBV	569629	920055	54.77%	14.179%
9	14.174	1896	1902	1913	rBB2	95188	161773	9.63%	2.493%
10	14.945	2028	2033	2041	rBB2	24527	40247	2.40%	0.620%
11	15.680	2153	2158	2178	rBB	538270	838942	49.94%	12.929%
12	16.945	2367	2373	2386	rBV	98103	172503	10.27%	2.658%
13	19.580	2816	2821	2833	rBV	1443076	1679761	100.00%	25.887%
14	21.162	3086	3090	3100	rBV	127271	226755	13.50%	3.495%
15	22.145	3254	3257	3261	rBV	16293	20985	1.25%	0.323%
16	22.627	3336	3339	3344	rVB4	21872	30183	1.80%	0.465%
17	23.350	3456	3462	3481	rBV	100025	229958	13.69%	3.544%

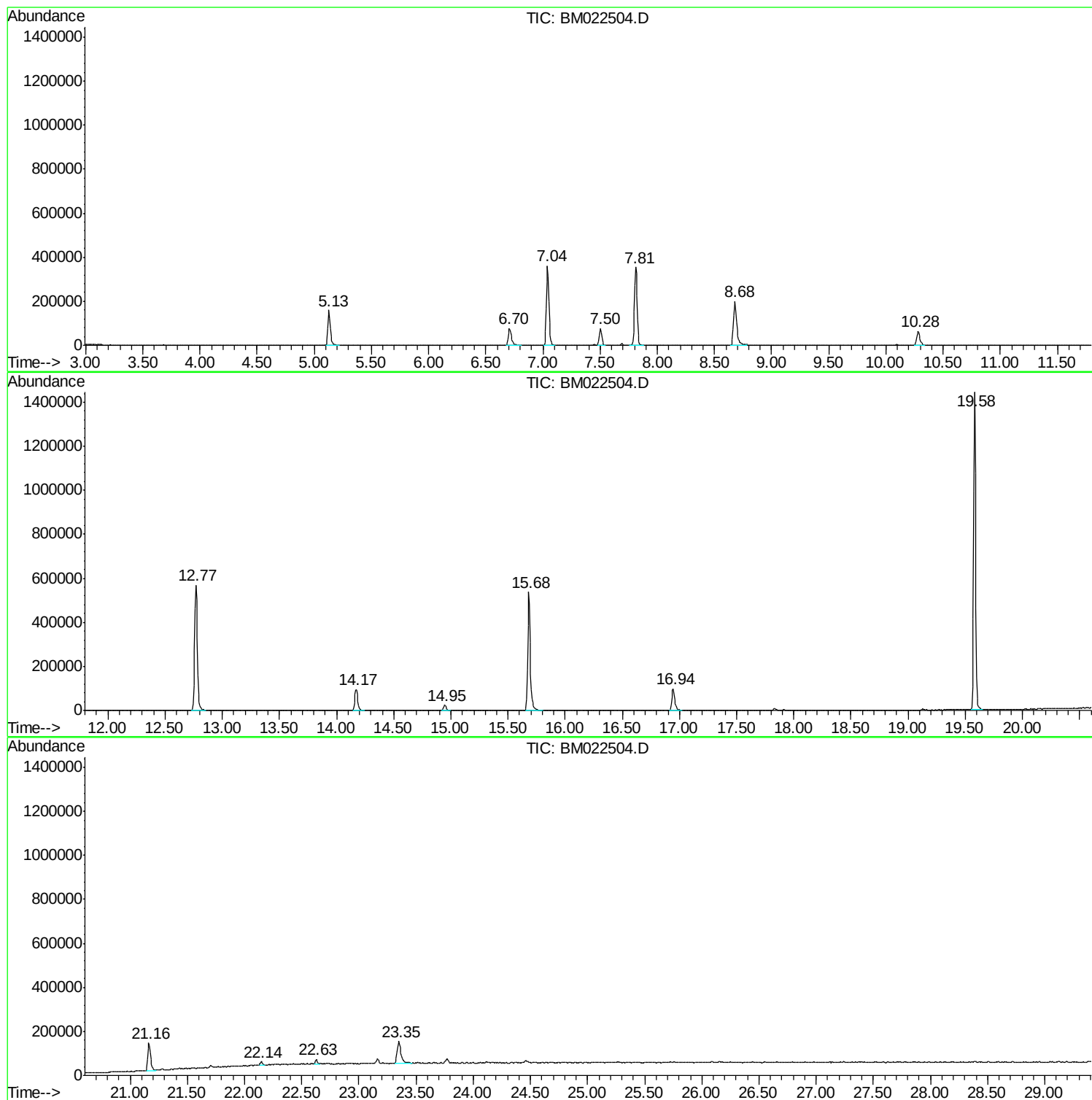
Sum of corrected areas: 6488897

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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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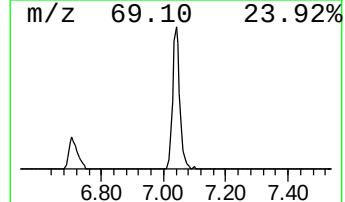
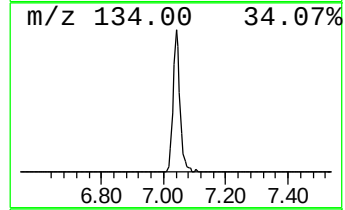
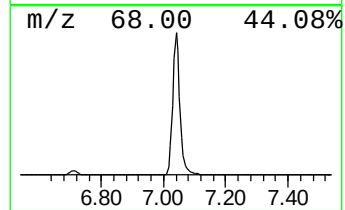
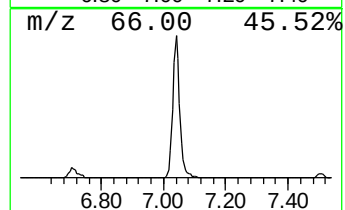
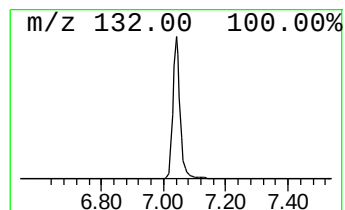
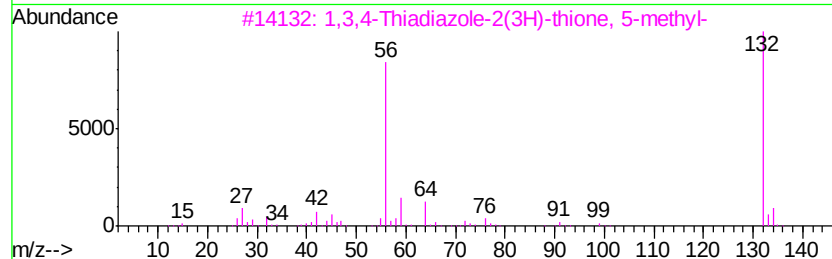
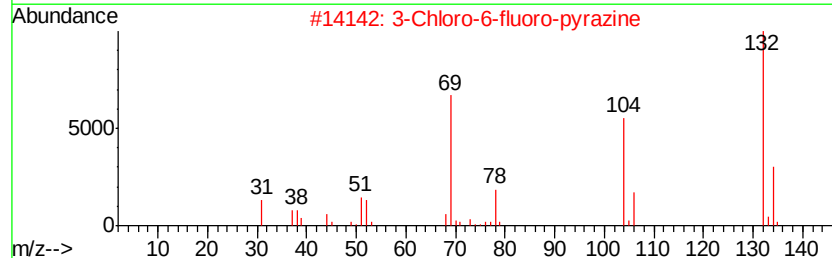
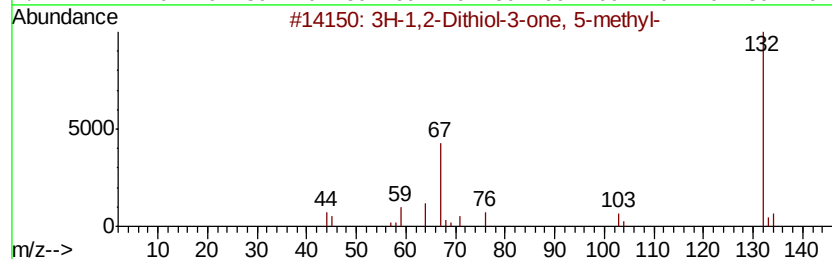
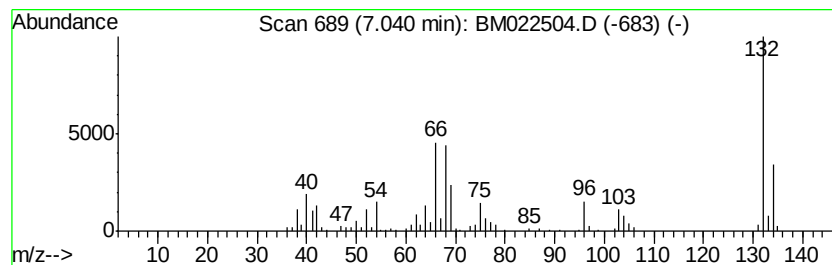
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	95.64 ng	564820	1,4-Dichlorobenzene-d4	7.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12



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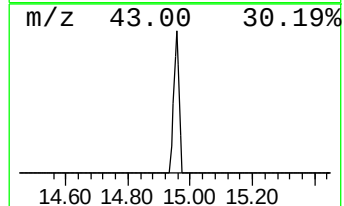
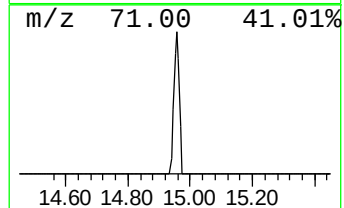
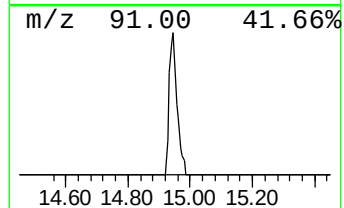
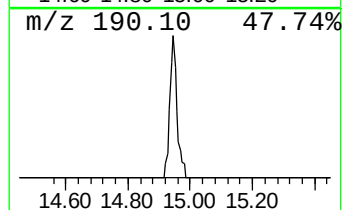
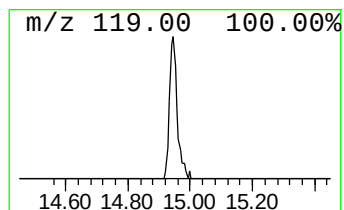
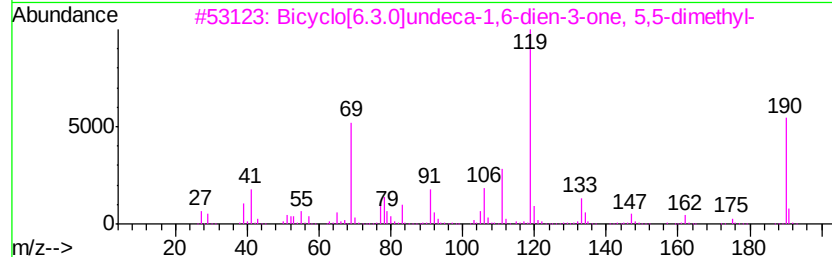
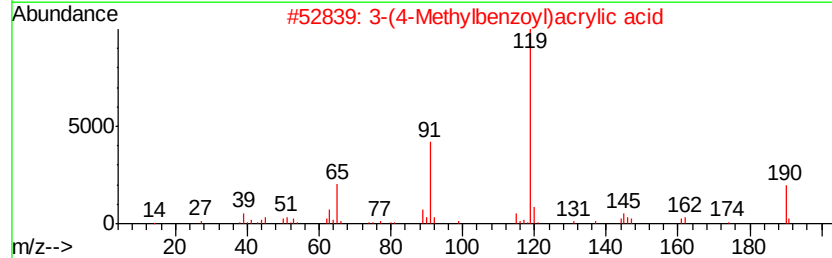
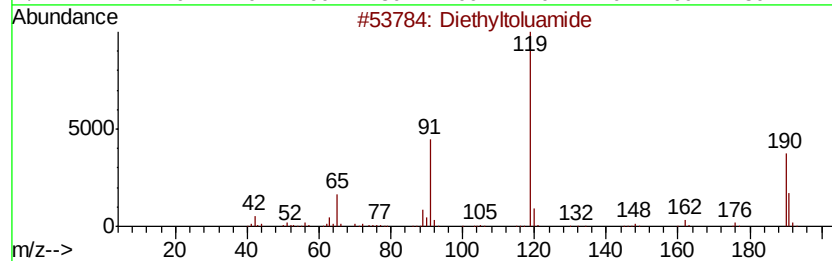
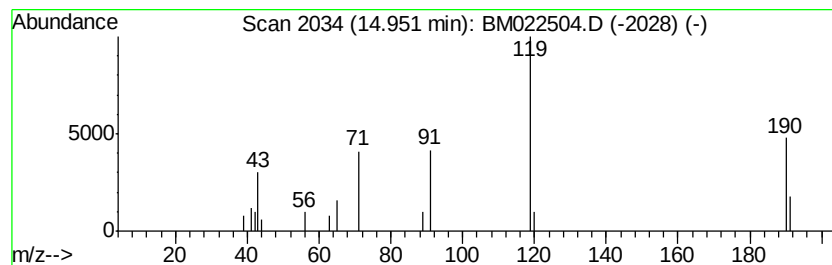
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Peak Number 3 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.98 ng	40247	Acenaphthene-d10	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	91
2		3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5	78
3		Bicyclo[6.3.0]undeca-1,6-dien-3-...	190	C13H18O	1000164-02-3	64
4		4'-Methylbutyrophenone	162	C11H14O	004160-52-5	58
5		2,5-Pyrrolidinedione, 1-[(4-meth...	233	C12H11NO4	083039-57-0	53



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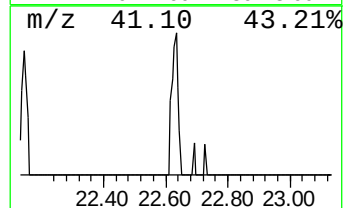
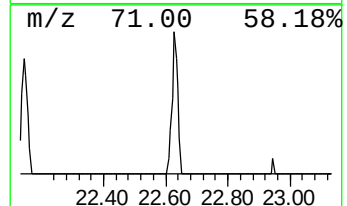
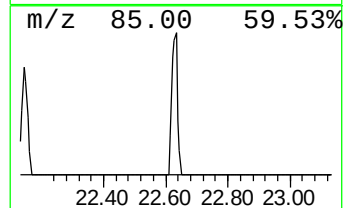
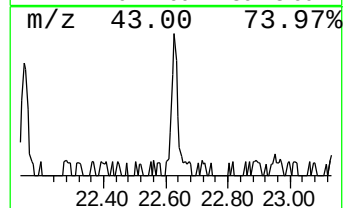
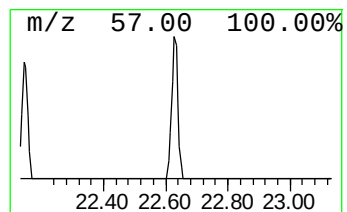
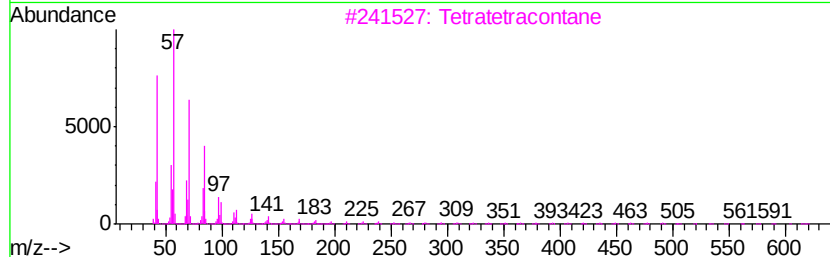
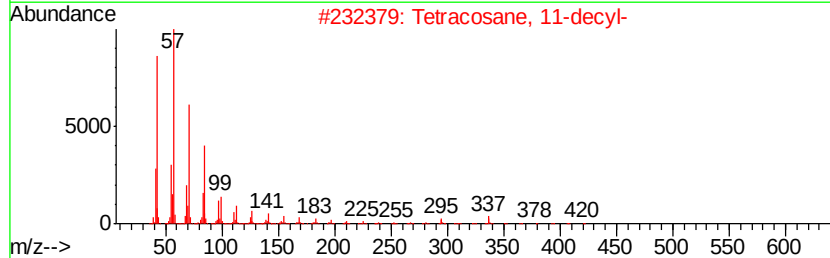
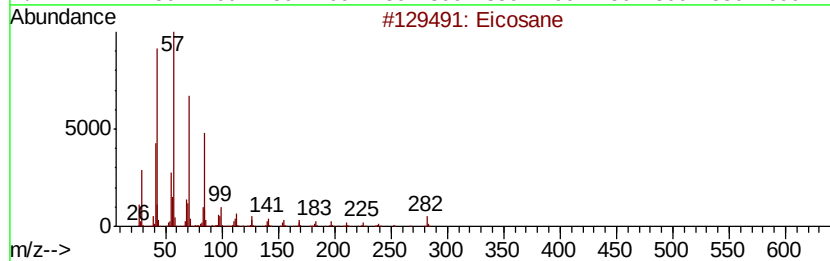
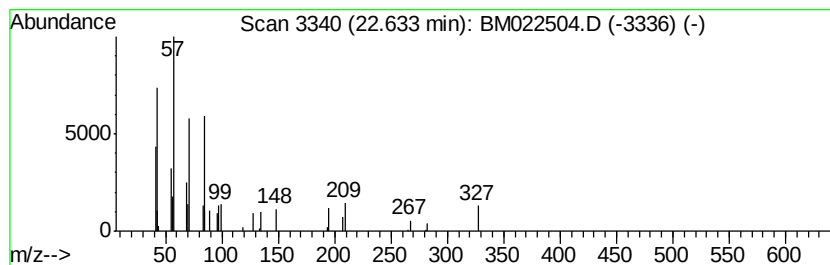
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Peak Number 4 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.63 ng	30183	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	64
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	53
3		Tetratetracontane	619	C44H90	007098-22-8	52
4		Heptacosane	380	C27H56	000593-49-7	52
5		Tetracosane	338	C24H50	000646-31-1	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.04	7.04	95.6	ng	564820	1	7.50	118113	20.0
Diethyltoluamide	14.95	5.0	ng	40247	3	14.17	161773	20.0
Eicosane	22.63	2.6	ng	30183	6	23.35	229958	20.0