

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024630.D
 Acq On : 27 Jan 2020 16:28
 Operator : CG/JU
 Sample : L1255-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20200073-SITE-WATER

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-BM012320.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	5.081	367	373	386	rBV	1586690	2137483	12.30%	3.342%
2	6.634	631	637	650	rBV	991462	1577804	9.08%	2.467%
3	7.440	767	774	783	rBV	695150	1051594	6.05%	1.644%
4	7.757	821	828	838	rBV	3198015	4851290	27.91%	7.586%
5	8.581	961	968	982	rBV	2178855	3542738	20.38%	5.540%
6	10.198	1236	1243	1251	rBV	858148	1369563	7.88%	2.142%
7	12.704	1662	1669	1679	rBV	6856694	9914895	57.05%	15.504%
8	13.557	1807	1814	1823	rBV	254618	367710	2.12%	0.575%
9	14.092	1898	1905	1919	rVB	1418791	2090622	12.03%	3.269%
10	15.586	2153	2159	2174	rBV	6507083	9008457	51.83%	14.087%
11	16.839	2366	2372	2384	rBV	1924876	2657887	15.29%	4.156%
12	17.780	2527	2532	2540	rBV	230959	321518	1.85%	0.503%
13	19.498	2818	2824	2838	rBV	13663434	17380097	100.00%	27.178%
14	20.809	3042	3047	3057	rBV	317196	519325	2.99%	0.812%
15	21.050	3083	3088	3100	rBV	2756463	3468971	19.96%	5.424%
16	23.162	3437	3447	3460	rVB	2021855	3690335	21.23%	5.771%

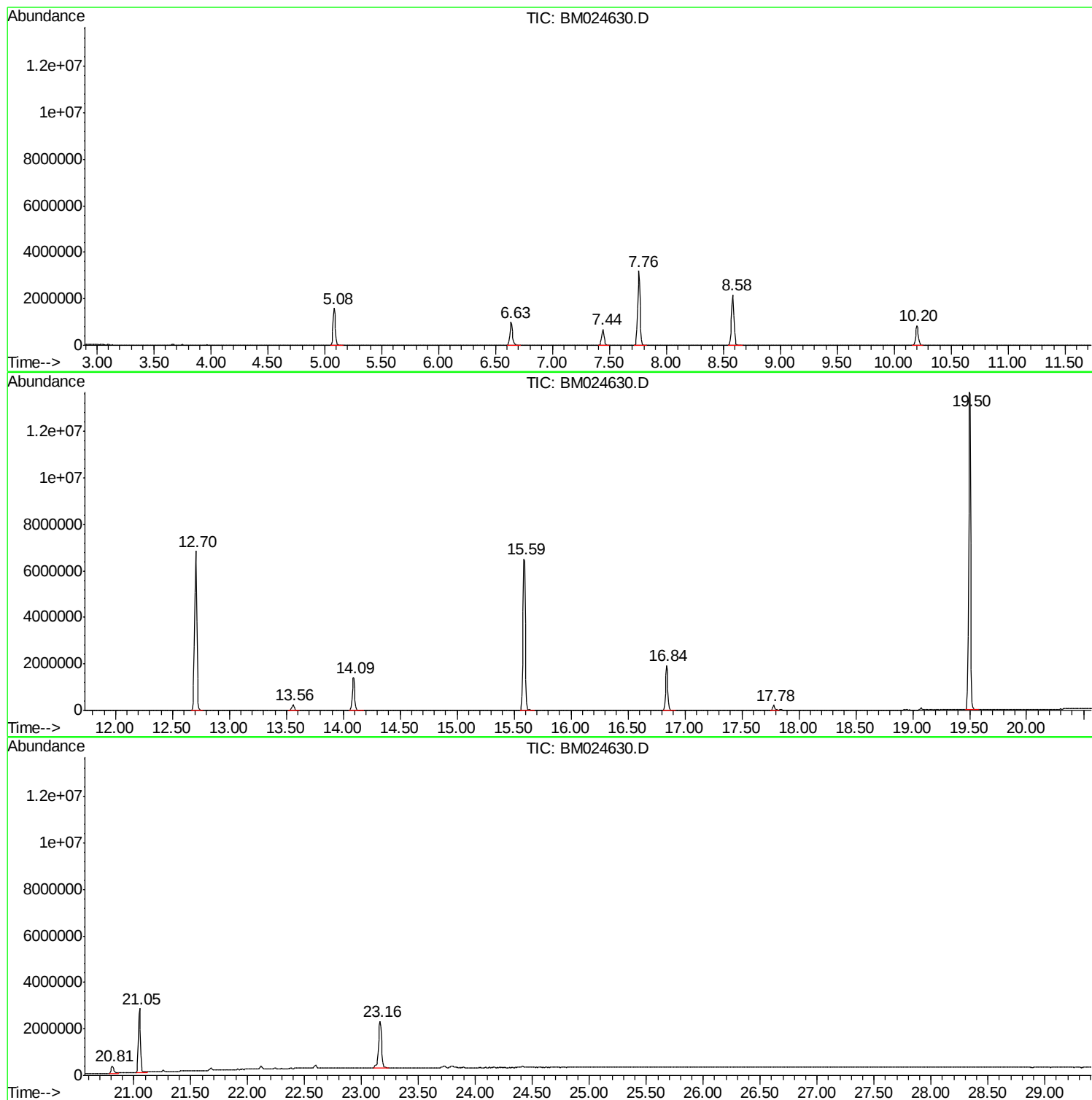
Sum of corrected areas: 63950289

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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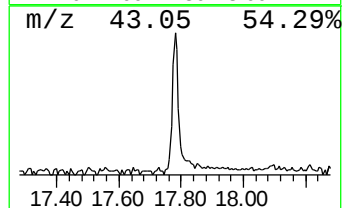
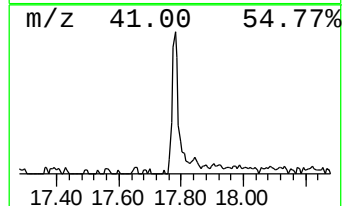
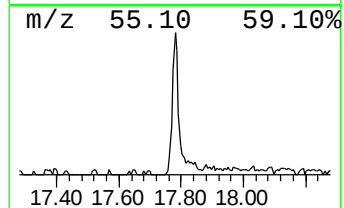
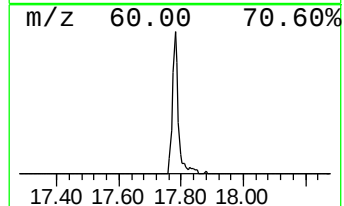
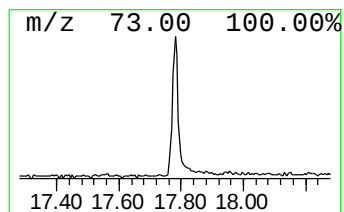
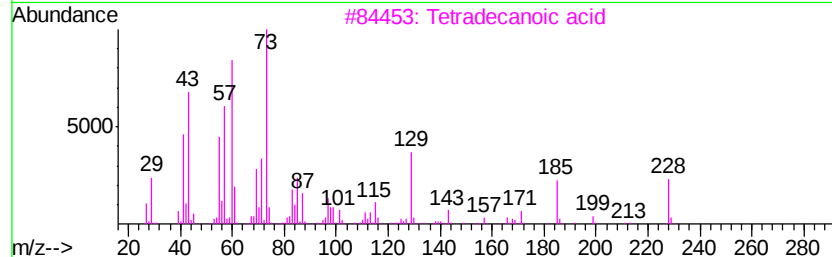
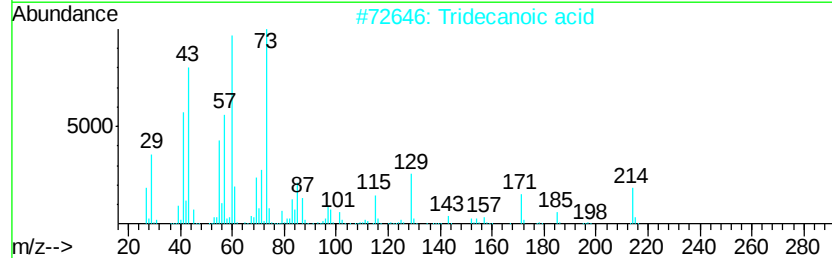
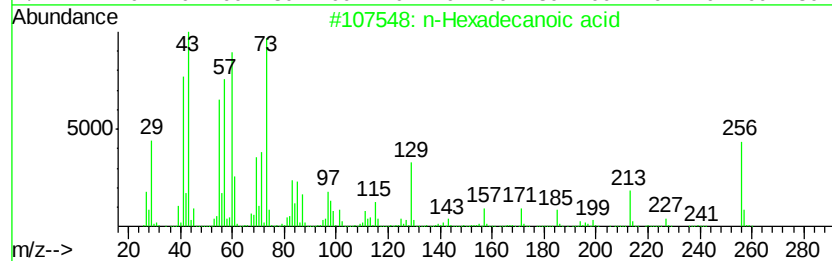
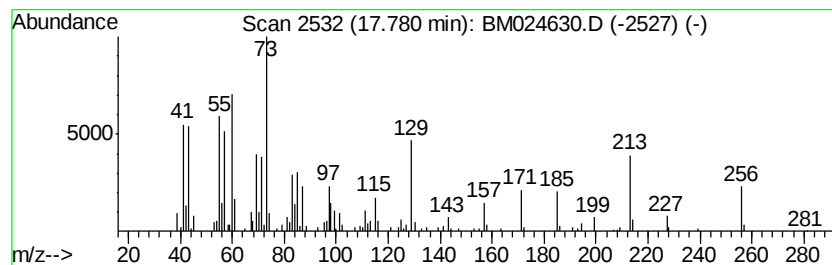
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.42 ng	321518	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	47
5		n-Decanoic acid	172	C10H20O2	000334-48-5	35



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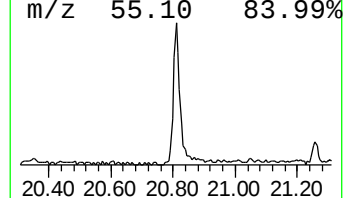
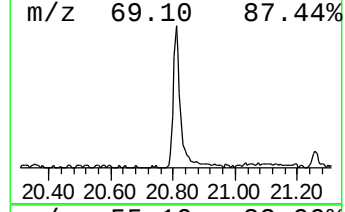
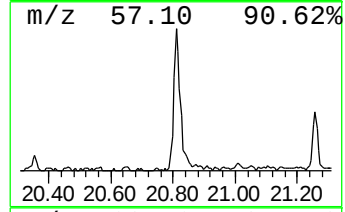
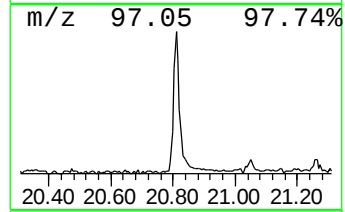
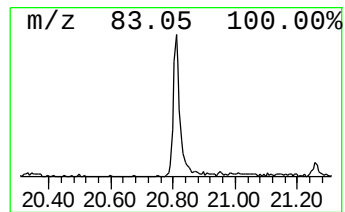
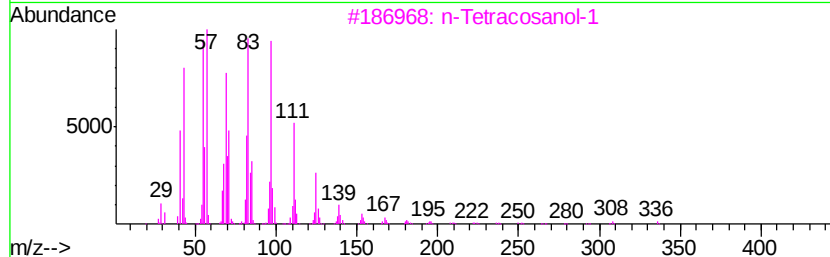
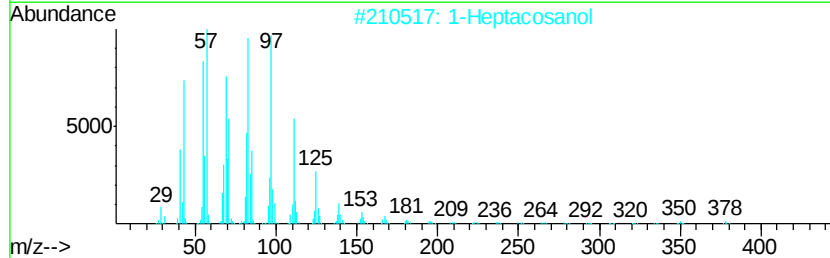
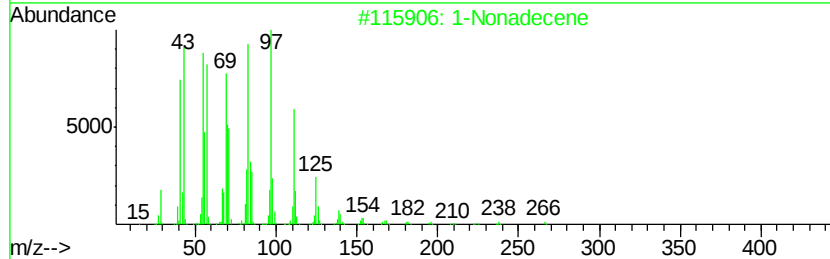
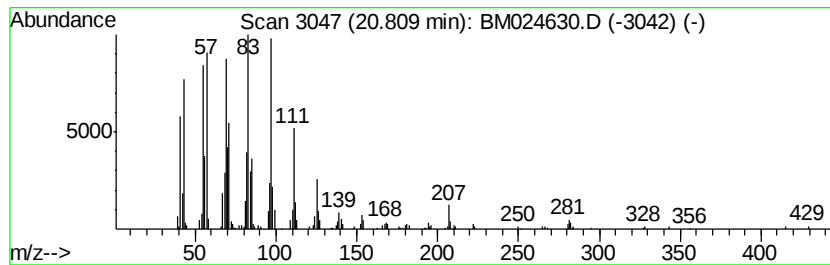
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Peak Number 3 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	2.99 ng	519325	Chrysene-d12	21.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	99
2	1-Heptacosanol	396 C27H56O	002004-39-9	95
3	n-Tetracosanol-1	354 C24H50O	000506-51-4	95
4	Behenic alcohol	326 C22H46O	000661-19-8	95
5	n-Nonadecanol-1	284 C19H40O	001454-84-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.78	2.4	ng	321518	4	16.84	2657890	20.0
1-Nonadecene	20.81	3.0	ng	519325	5	21.05	3468970	20.0