LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019258.D
Acq On : 20 Mar 2019 07:43
Operator : JU/SJ
Sample : K1948-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INV-025-SW03-031319

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-BM031119.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	5.234	376	382	400	rBV	4279646	6278765	41.40%	7.651%
2	6.822	644	652	676	rBV	4526891	7466238	49.22%	9.098%
3	7.169	702	711	725	rBV	4651114	7269408	47.93%	8.858%
4	7.634	784	790	798	rBV	708065	1109801	7.32%	1.352%
5	7.952	836	844	856	rBV	2986329	4731078	31.19%	5.765%
6	8.804	982	989	1008	rBV	2472346	4181001	27.57%	5.095%
7	10.416	1256	1263	1279	rBV	890495	1594253	10.51%	1.943%
8	12.904	1679	1686	1702	rBV	6530703	9334796	61.54%	11.374%
9	13.757	1823	1831	1844	rBV	445223	676409	4.46%	0.824%
10	14.292	1912	1922	1936	rBV2	1590454	2469768	16.28%	3.009%
11	15.792	2170	2177	2192	rBV	6872985	9469131	62.43%	11.538%
12	17.045	2384	2390	2402	rBV	2152053	3092426	20.39%	3.768%
13	17.939	2536	2542	2553	rBV	425425	714290	4.71%	0.870%
14	19.227	2757	2761	2770	rBV	153428	263602	1.74%	0.321%
15	19.686	2833	2839	2851	rBV	12000989	15167767	100.00%	18.482%
16	20.951	3050	3054	3068	rBV	769639	1092849	7.21%	1.332%
17	21.251	3099	3105	3115	rBV	2418617	3331078	21.96%	4.059%
18	22.268	3275	3278	3284	rVB	184749	231309	1.53%	0.282%
19	22.768	3359	3363	3368	rBV	244655	315590	2.08%	0.385%
20	23.327	3455	3458	3464	rVB	188462	282960	1.87%	0.345%
21	23.474	3477	3483	3492	rBV	1387751	2662701	17.55%	3.244%
22	23.968	3563	3567	3575	rVB	192080	333292	2.20%	0.406%

Sum of corrected areas: 82068512

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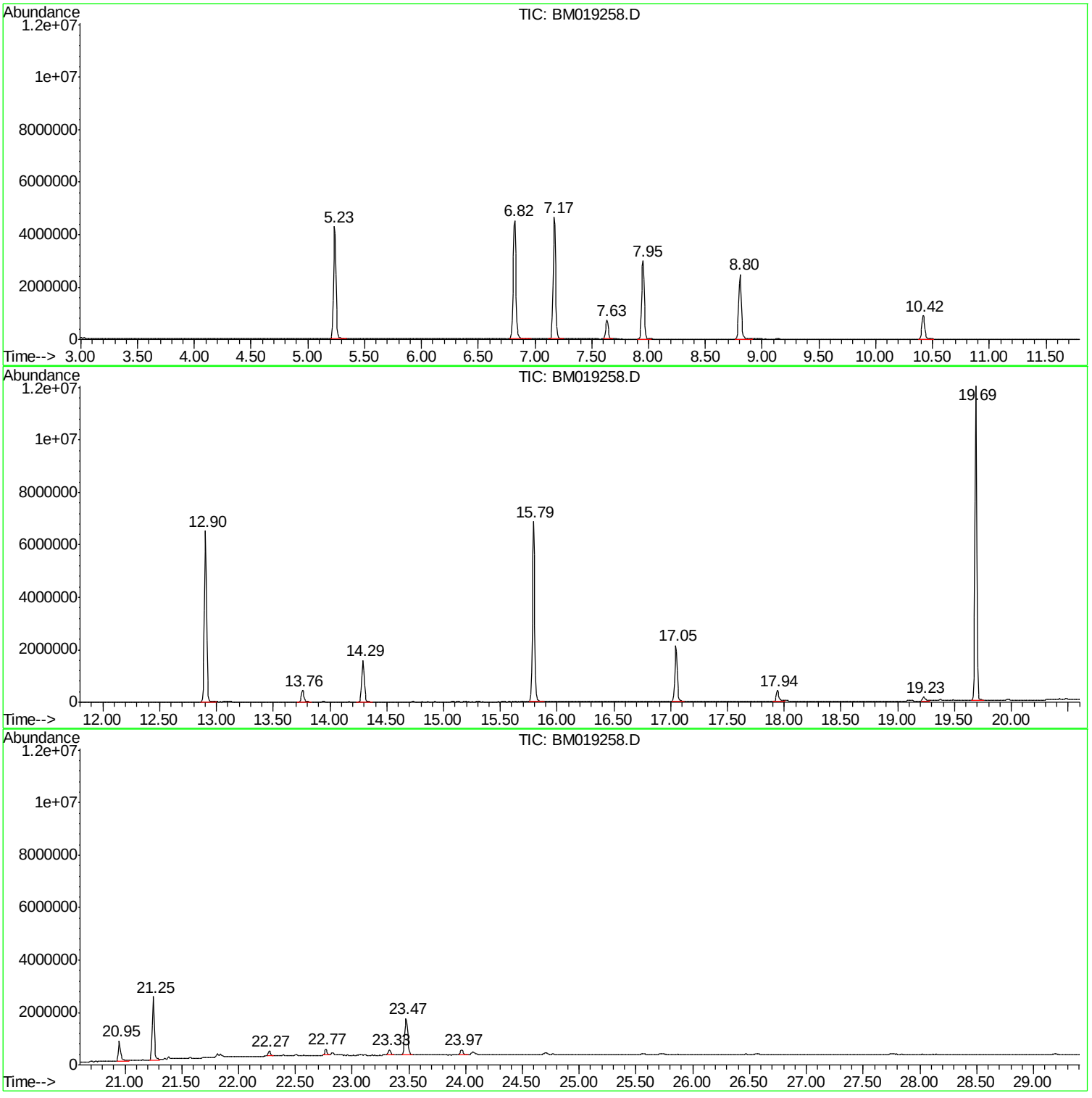
BNA_M
ClientSampleId :
INV-025-SW03-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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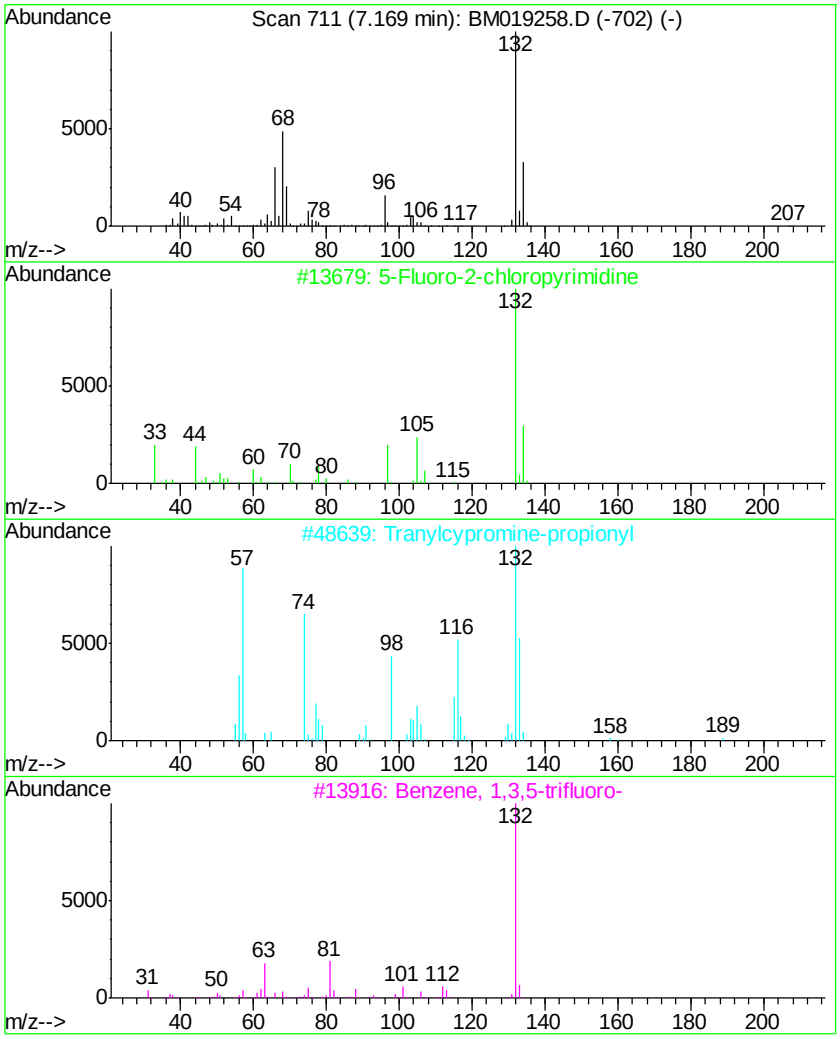
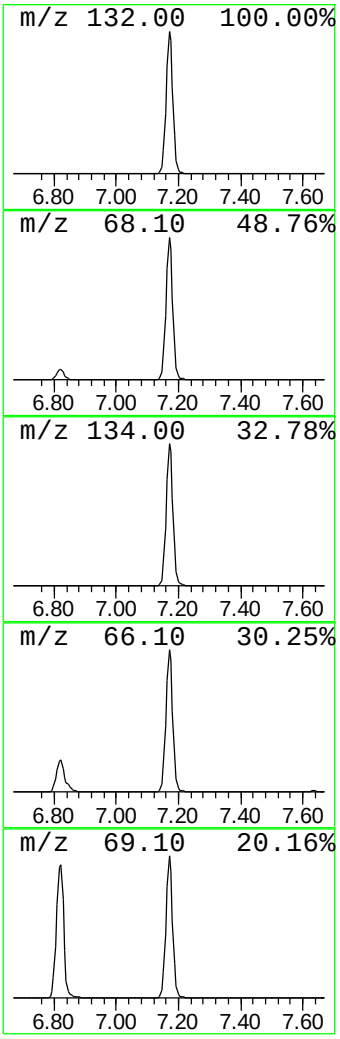
****

Peak Number 1 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	131.00 ng	7269410	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_M
ClientSampleId : INV-025-SW03-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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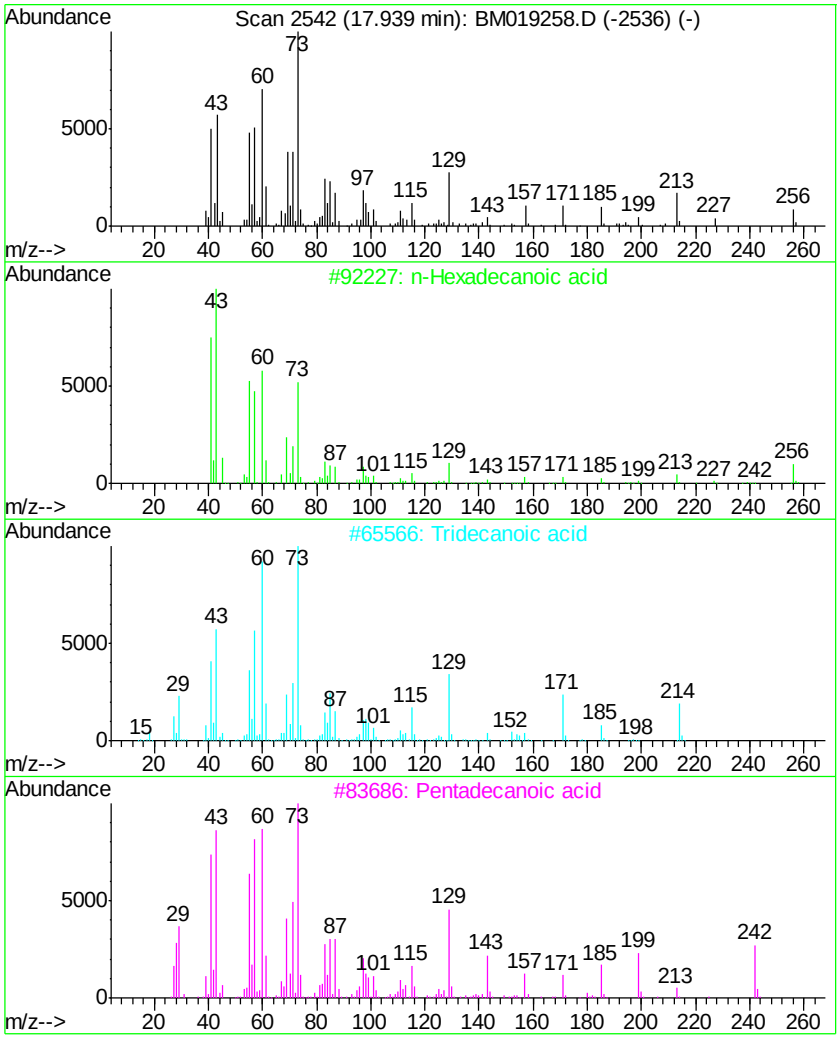
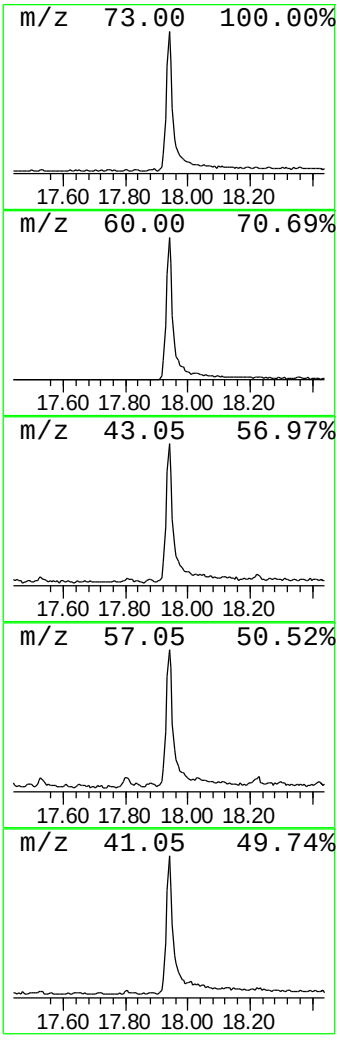
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	4.62 ng	714290	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	46





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Instrument :
BNA_M
ClientSampleId :
INV-025-SW03-031319

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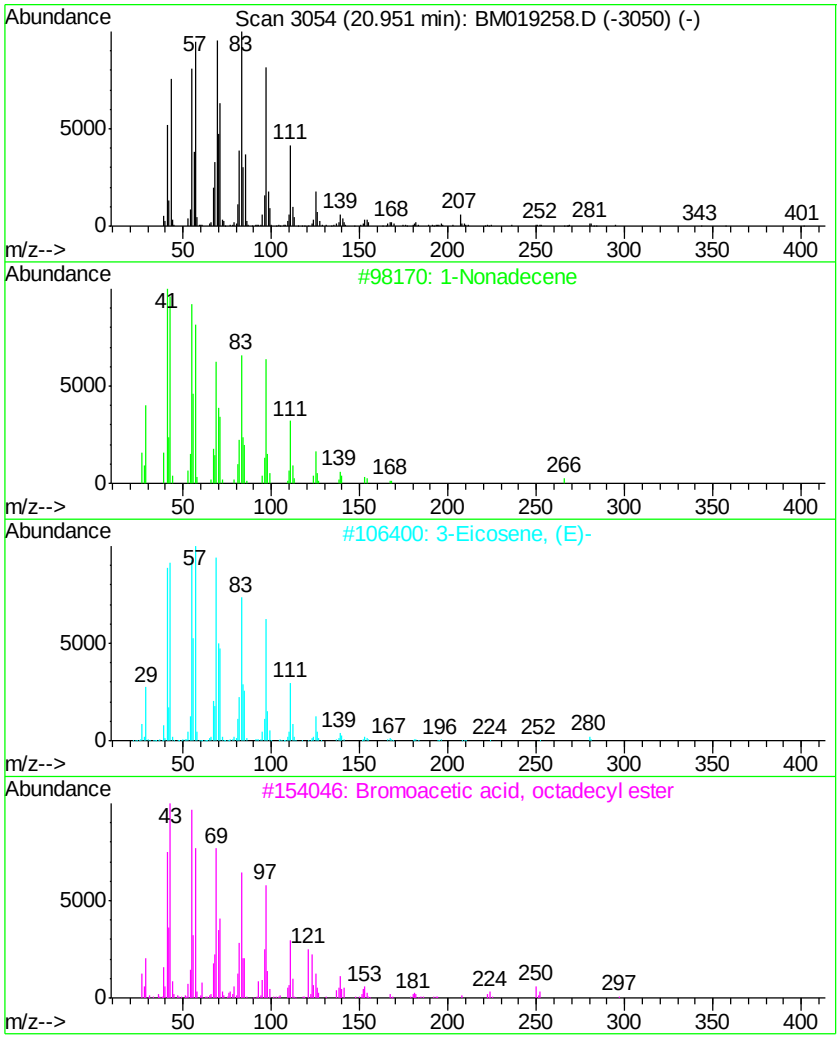
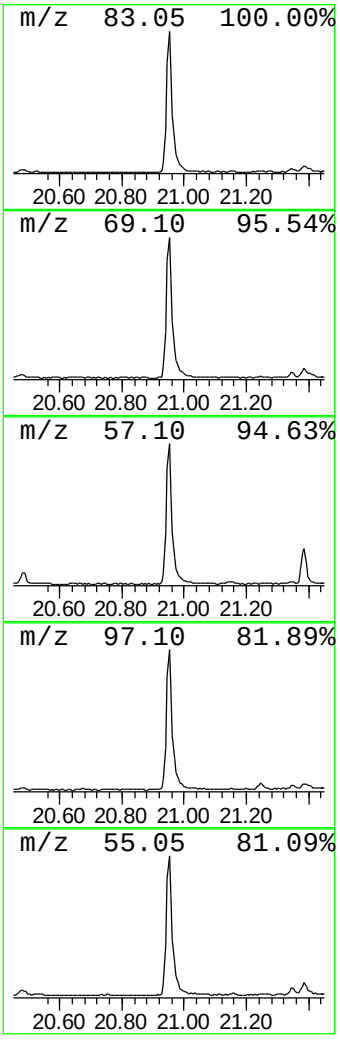
Peak Number 4 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	6.56 ng	1092850	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





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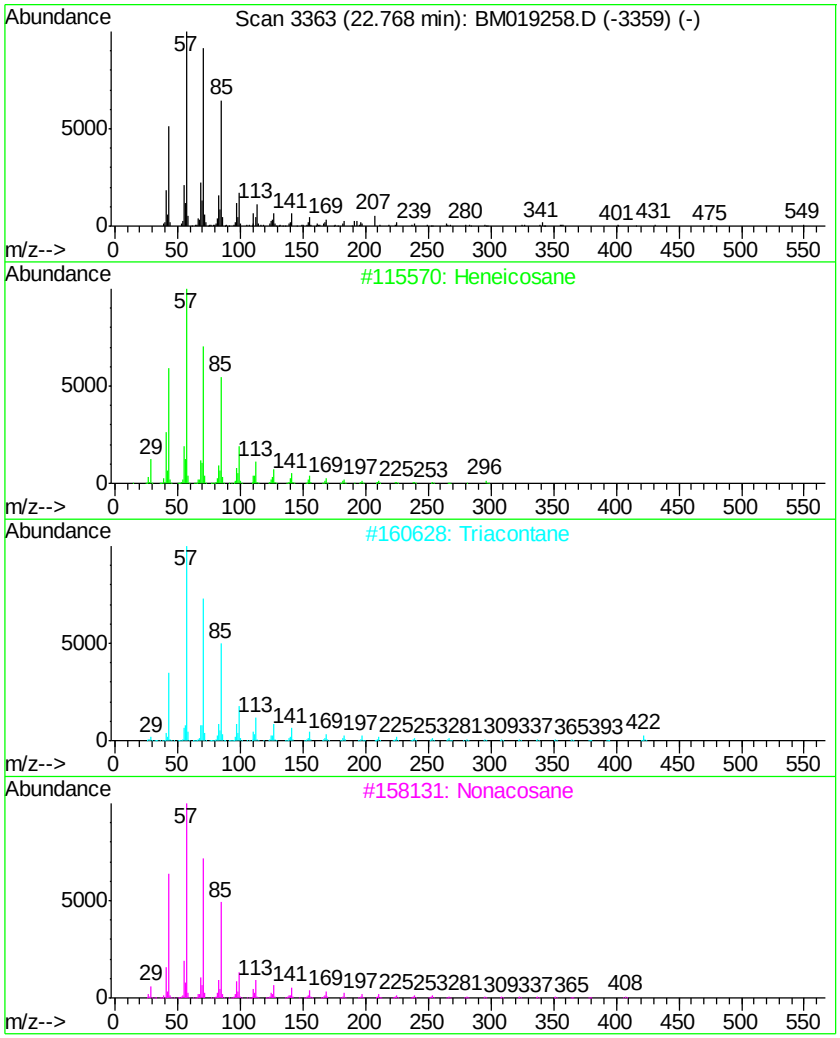
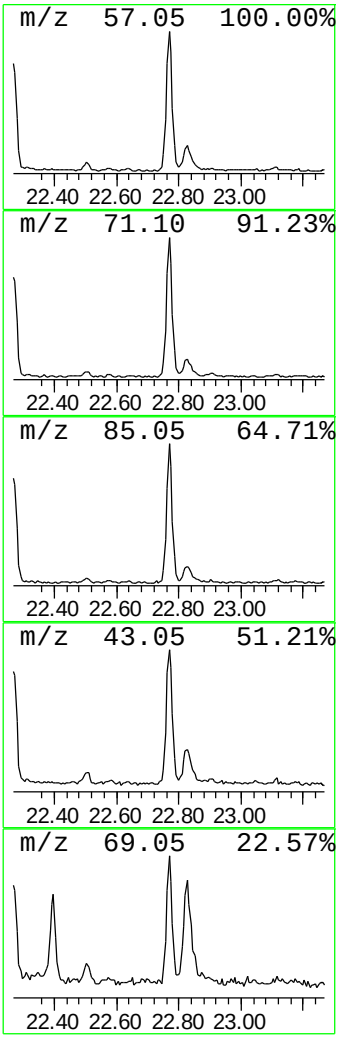
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	2.37 ng	315590	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Docosane	310	C22H46	000629-97-0	86





Library Search Compound Report

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Instrument : BNA_M
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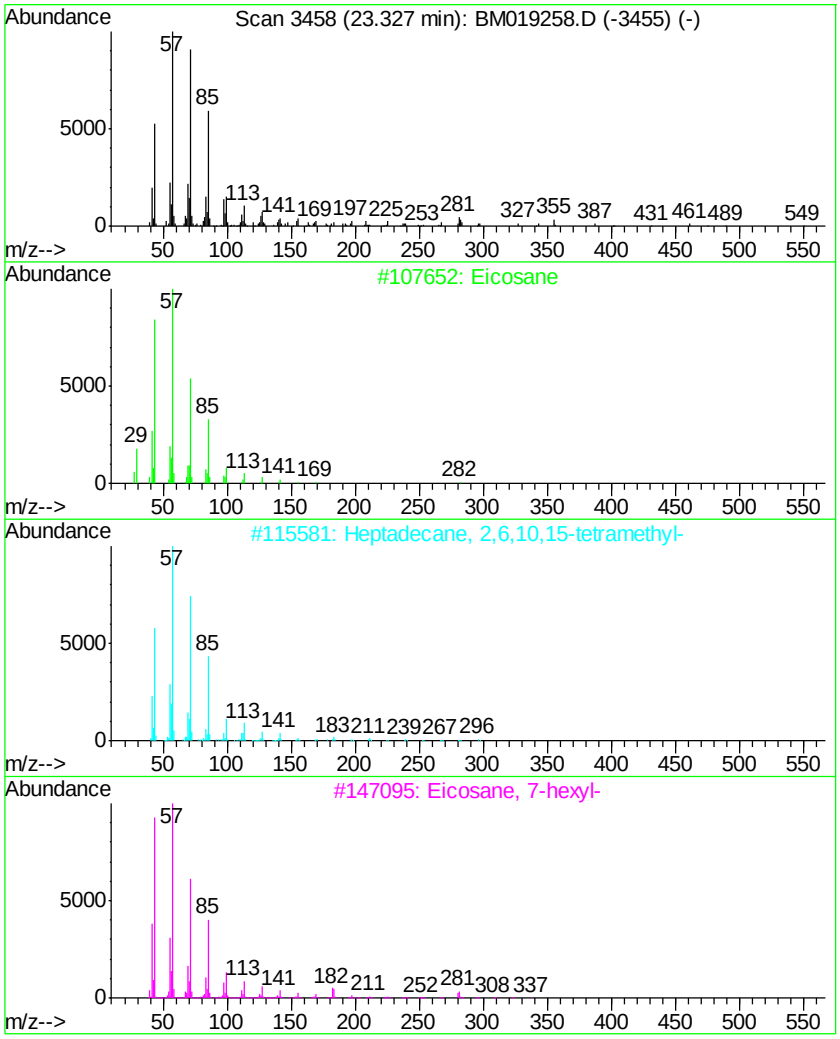
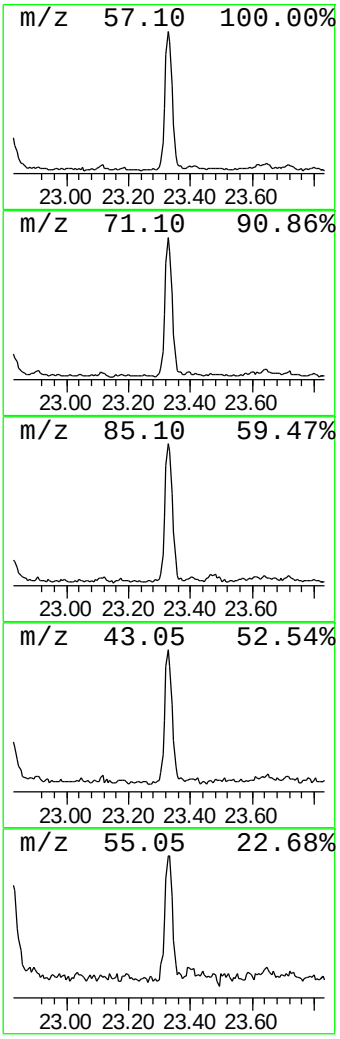
Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	2.13 ng	282960	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heneicosane	296	C21H44	000629-94-7	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





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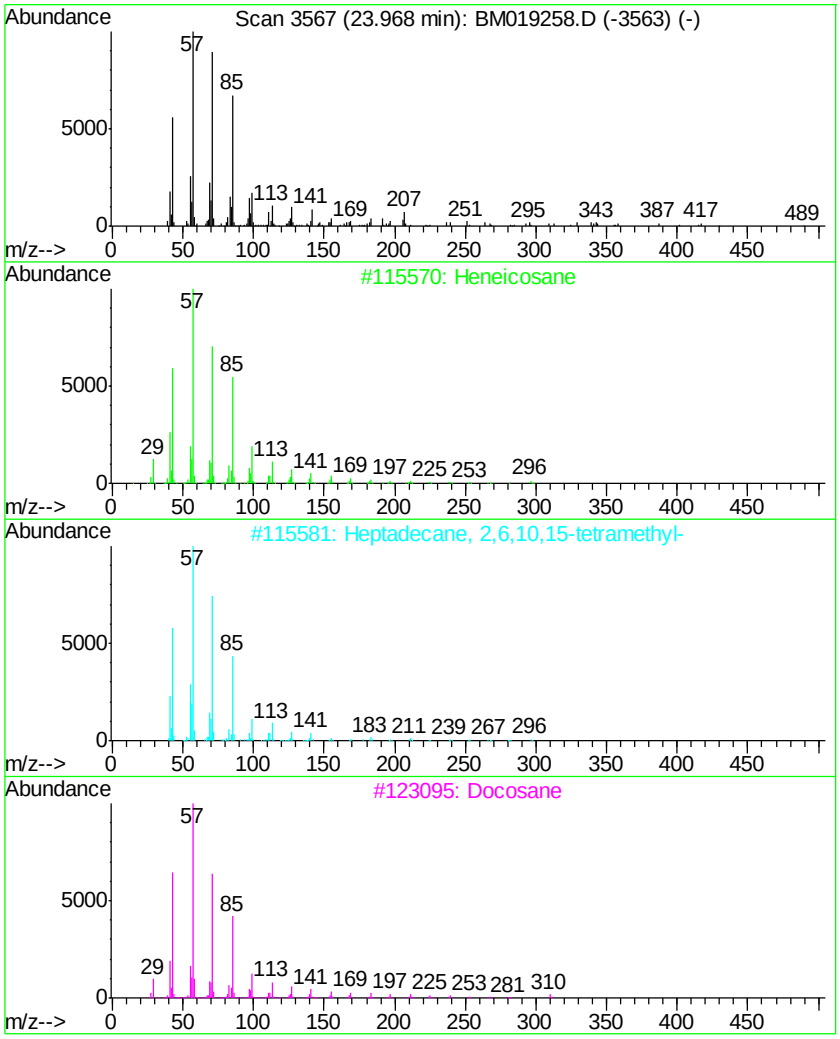
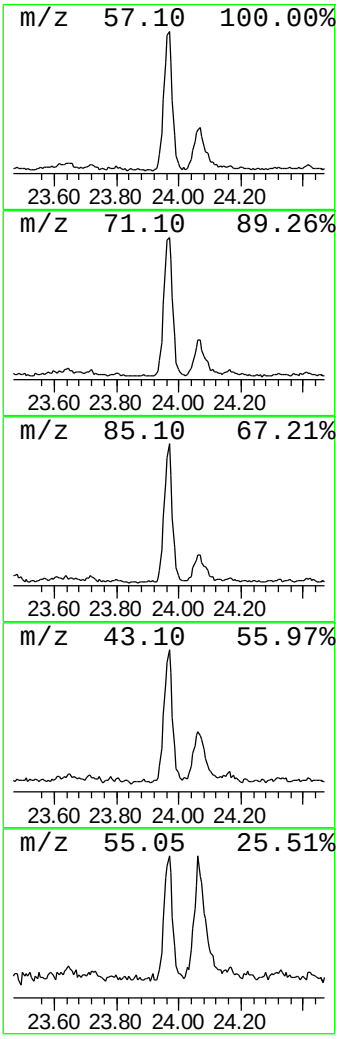
Peak Number 7 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.50 ng	333292	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Docosane	310	C22H46	000629-97-0	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Eicosane	282	C20H42	000112-95-8	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.17	7.17	131.0	ng	7269410	1	7.63	1109800	20.0
n-Hexadecanoic acid	17.94	4.6	ng	714290	4	17.05	3092430	20.0
1-Nonadecene	20.95	6.6	ng	1092850	5	21.25	3331080	20.0
Heneicosane	22.77	2.4	ng	315590	6	23.47	2662700	20.0
Eicosane	23.33	2.1	ng	282960	6	23.47	2662700	20.0
Docosane	23.97	2.5	ng	333292	6	23.47	2662700	20.0