LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
Data File : BM019265.D
Acq On : 20 Mar 2019 17:07
Operator : JU/SJ
Sample : K1984-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-13(13.5-14.5)

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	399	rBV	2489898	3704395	44.55%	6.723%
2	6.816	644	651	669	rBV	2721391	4382504	52.70%	7.954%
3	7.169	704	711	730	rVB	2742135	4308454	51.81%	7.819%
4	7.634	784	790	799	rBV	618364	978877	11.77%	1.777%
5	7.951	834	844	857	rBV	1757673	2904518	34.93%	5.271%
6	8.804	981	989	1008	rBV	1405404	2456257	29.54%	4.458%
7	10.416	1256	1263	1280	rBV	809136	1453646	17.48%	2.638%
8	12.904	1679	1686	1700	rBV	3842711	5894274	70.89%	10.697%
9	13.757	1823	1831	1842	rBV	266757	438568	5.27%	0.796%
10	14.292	1915	1922	1929	rBV2	1461016	2296726	27.62%	4.168%
11	15.792	2170	2177	2195	rBV	4033122	5673617	68.23%	10.297%
12	17.045	2384	2390	2396	rBV	1884803	2758264	33.17%	5.006%
13	17.427	2450	2455	2461	rBV3	51188	98421	1.18%	0.179%
14	17.715	2499	2504	2509	rVB2	78324	105431	1.27%	0.191%
15	17.939	2537	2542	2547	rBV	255005	406871	4.89%	0.738%
16	18.051	2557	2561	2568	rVB5	59435	100769	1.21%	0.183%
17	18.227	2586	2591	2600	rVB4	54892	110595	1.33%	0.201%
18	18.321	2603	2607	2613	rBV6	68264	133347	1.60%	0.242%
19	18.386	2613	2618	2629	rVB2	292195	487568	5.86%	0.885%
20	18.503	2634	2638	2648	rVB2	114314	171305	2.06%	0.311%
21	18.662	2661	2665	2671	rVB	113049	167257	2.01%	0.304%
22	18.803	2681	2689	2697	rBV3	215495	455267	5.48%	0.826%
23	18.945	2709	2713	2718	rVB2	55971	84205	1.01%	0.153%
24	19.227	2757	2761	2763	rBV	67357	87444	1.05%	0.159%
25	19.633	2826	2830	2833	rBV	76935	100961	1.21%	0.183%
26	19.686	2833	2839	2853	rVB	6838039	8315229	100.00%	15.091%
27	19.892	2870	2874	2879	rVB	194265	230941	2.78%	0.419%
28	20.950	3050	3054	3066	rBV2	651299	1046899	12.59%	1.900%
29	21.250	3099	3105	3114	rBV	2057634	2833798	34.08%	5.143%
30	21.844	3202	3206	3215	rVB	366396	608381	7.32%	1.104%
31	23.474	3477	3483	3499	rVB2	1194070	2305891	27.73%	4.185%

Sum of corrected areas: 55100680

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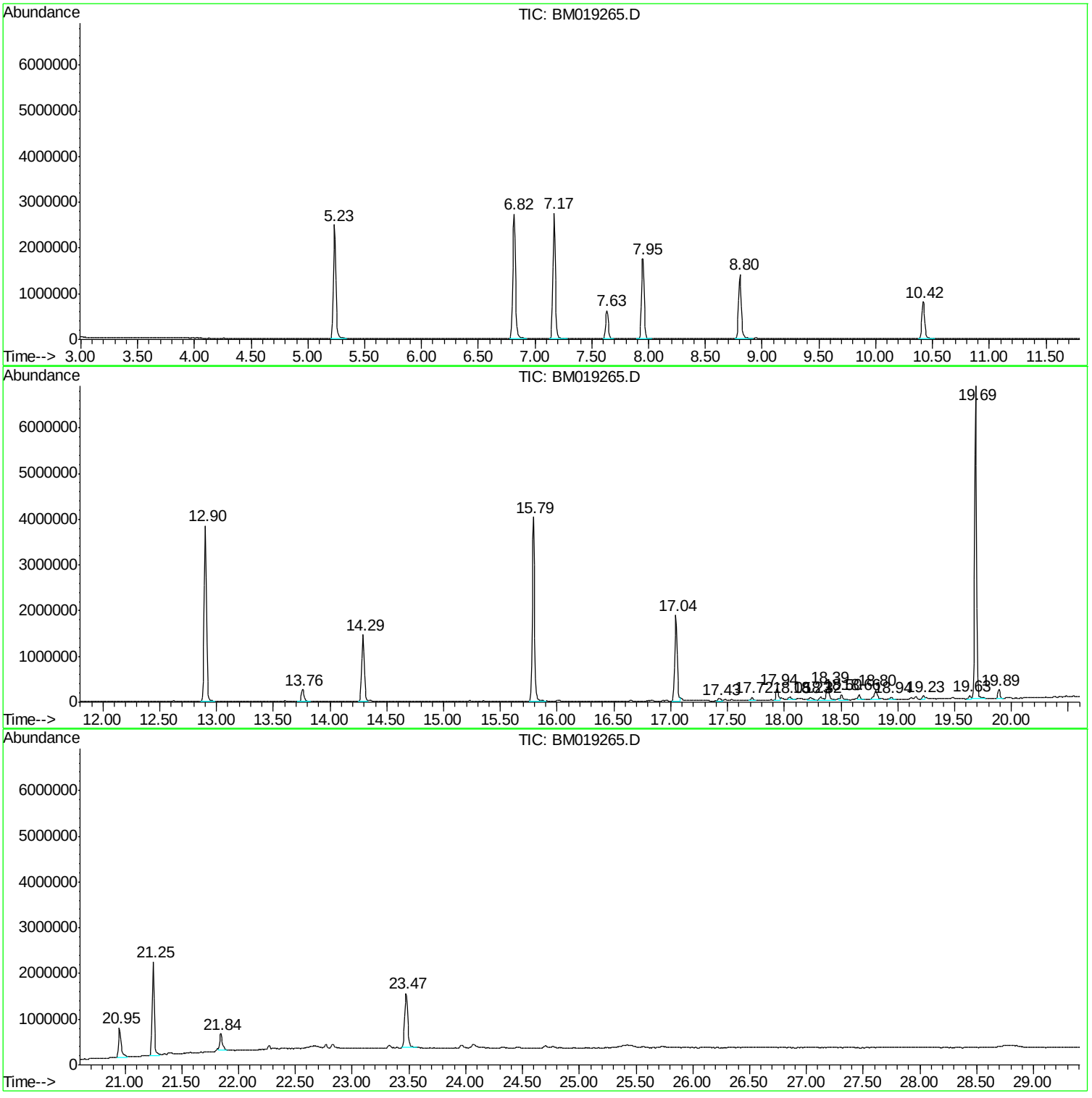
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-13(13.5-14.5)

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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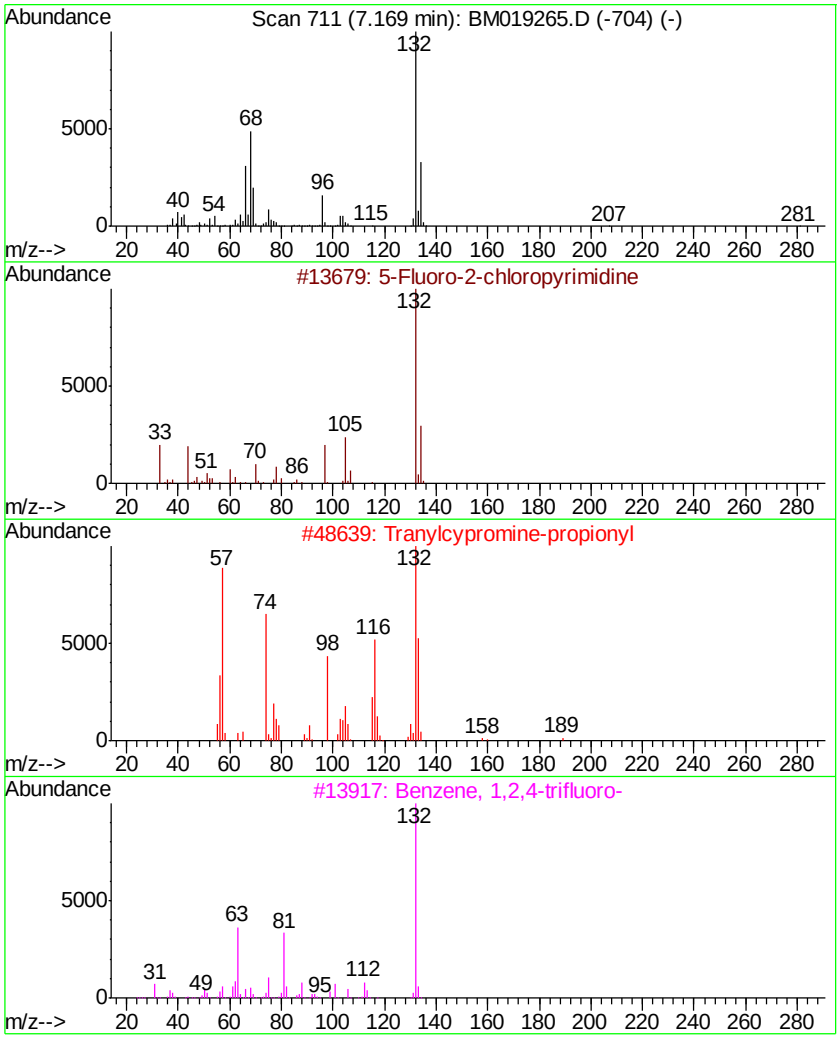
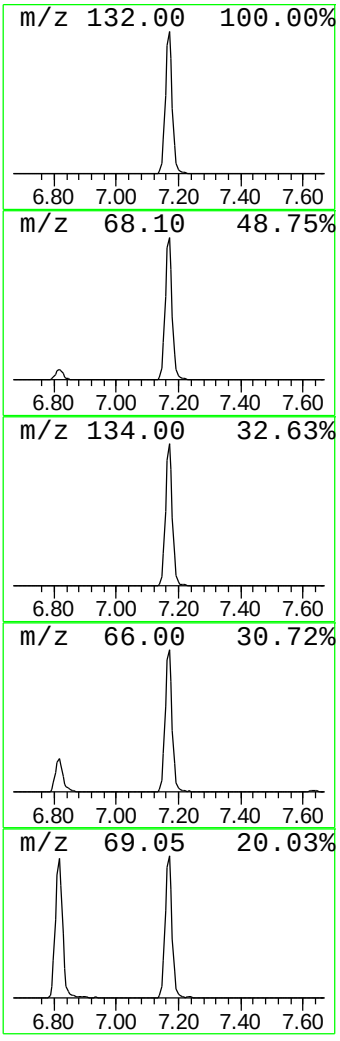
****

Peak Number 1 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	88.03 ng	4308450	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, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	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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Operator : JU/SJ
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Instrument : BNA_M
ClientSampleId : SB-13(13.5-14.5)

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
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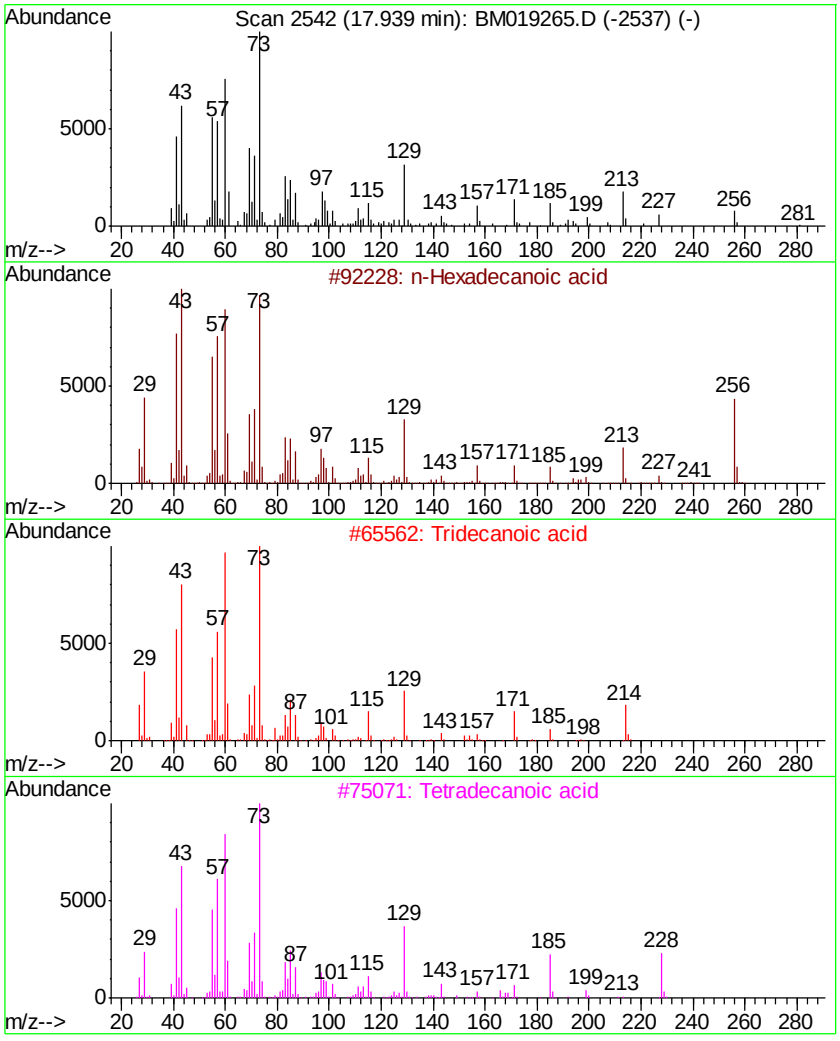
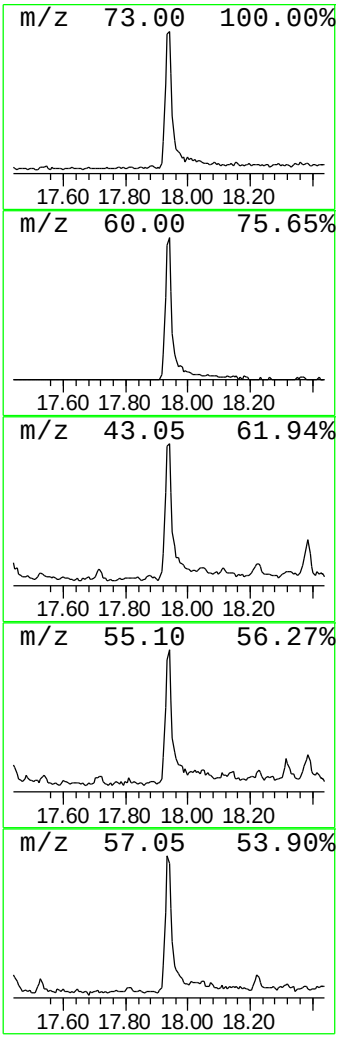
Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.95 ng	406871	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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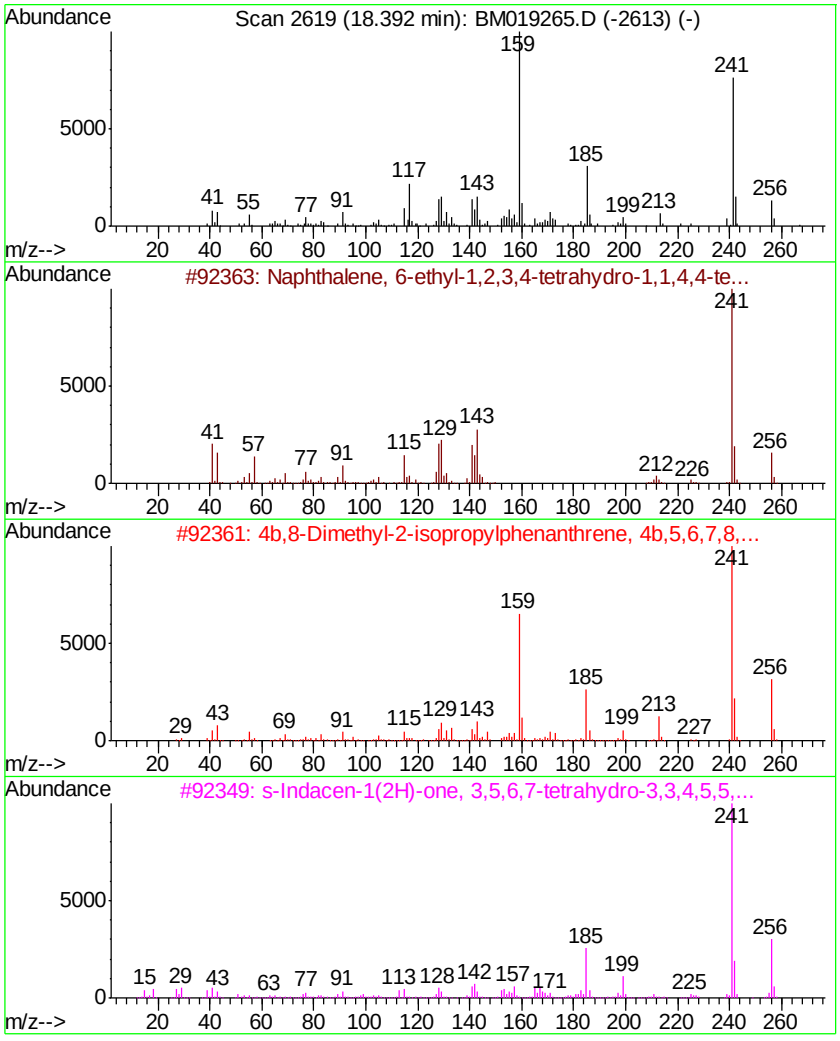
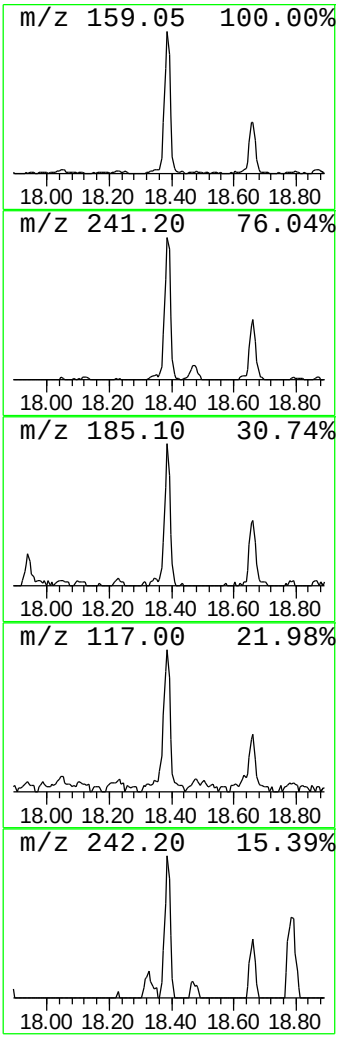
Peak Number 4 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.54 ng	487568	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	92
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	76
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
4	2-Pentyl-1H-quinolin-4-one	215	C14H17NO	109072-26-6	27
5	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	25





Library Search Compound Report

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Data File : BM019265.D
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Operator : JU/SJ
Sample : K1984-06
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Instrument : BNA_M
ClientSampleId : SB-13(13.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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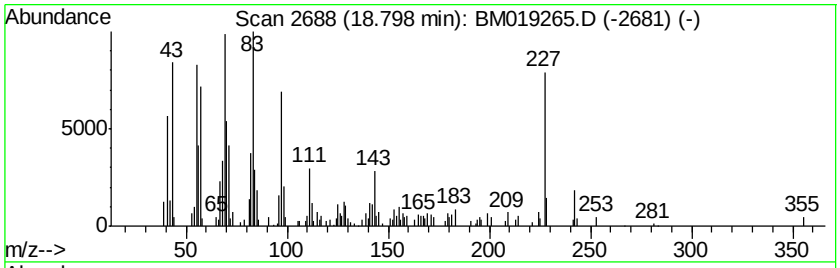
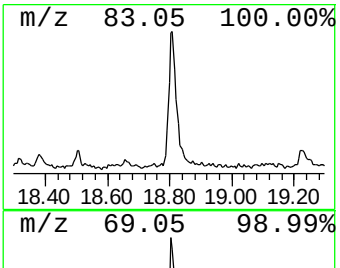
****

Peak Number 5 3-Hexadecene, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	3.30 ng	455267	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	94
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	93
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91





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Misc :
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Instrument : BNA_M
ClientSampleId : SB-13(13.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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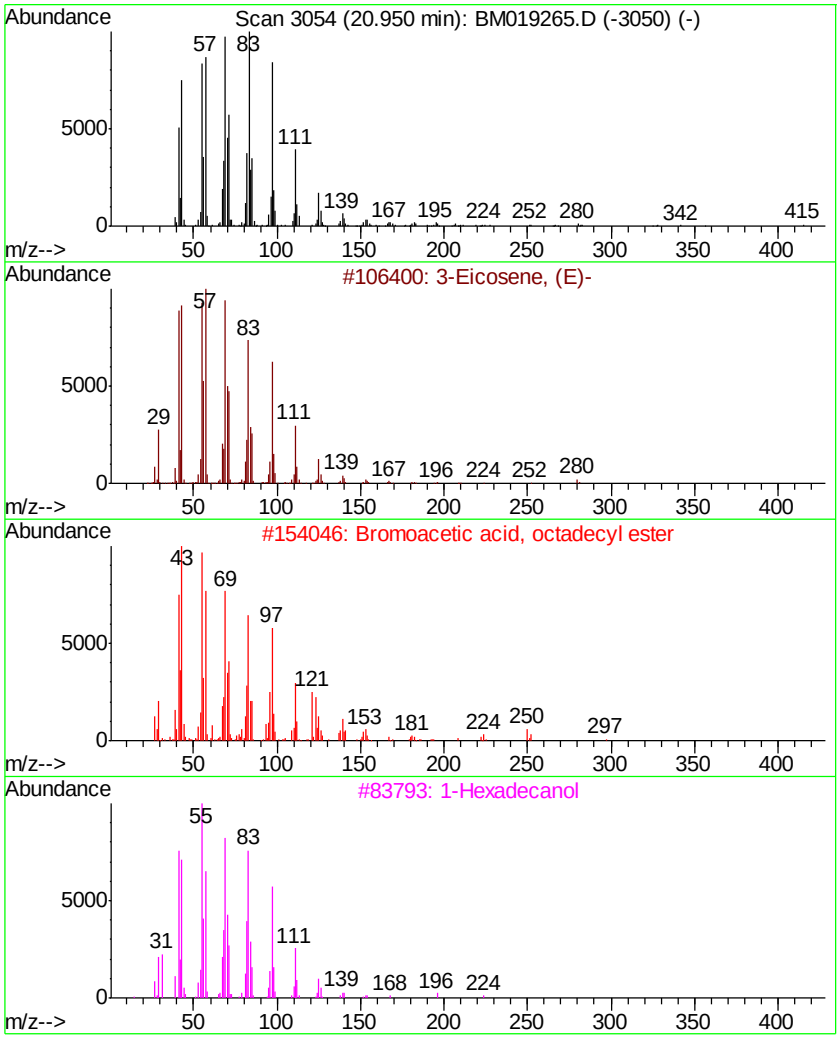
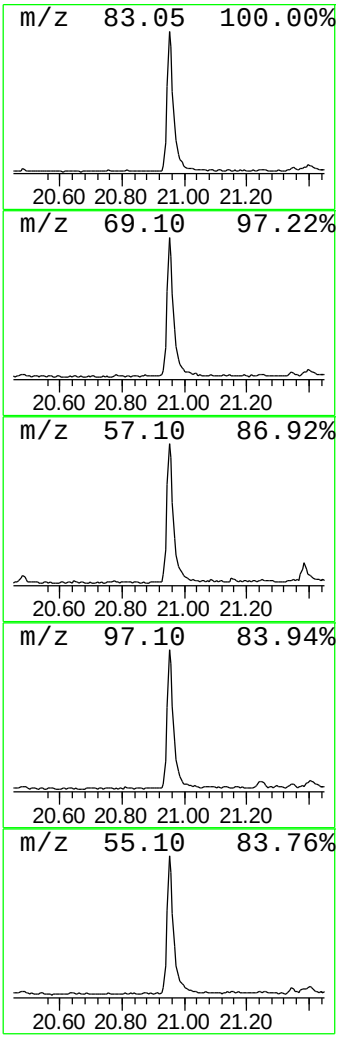
****

Peak Number 6 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	7.39 ng	1046900	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	90
4	Isoheptadecanol	256	C17H36O	057289-07-3	87
5	Cyclohexadecane	224	C16H32	000295-65-8	87





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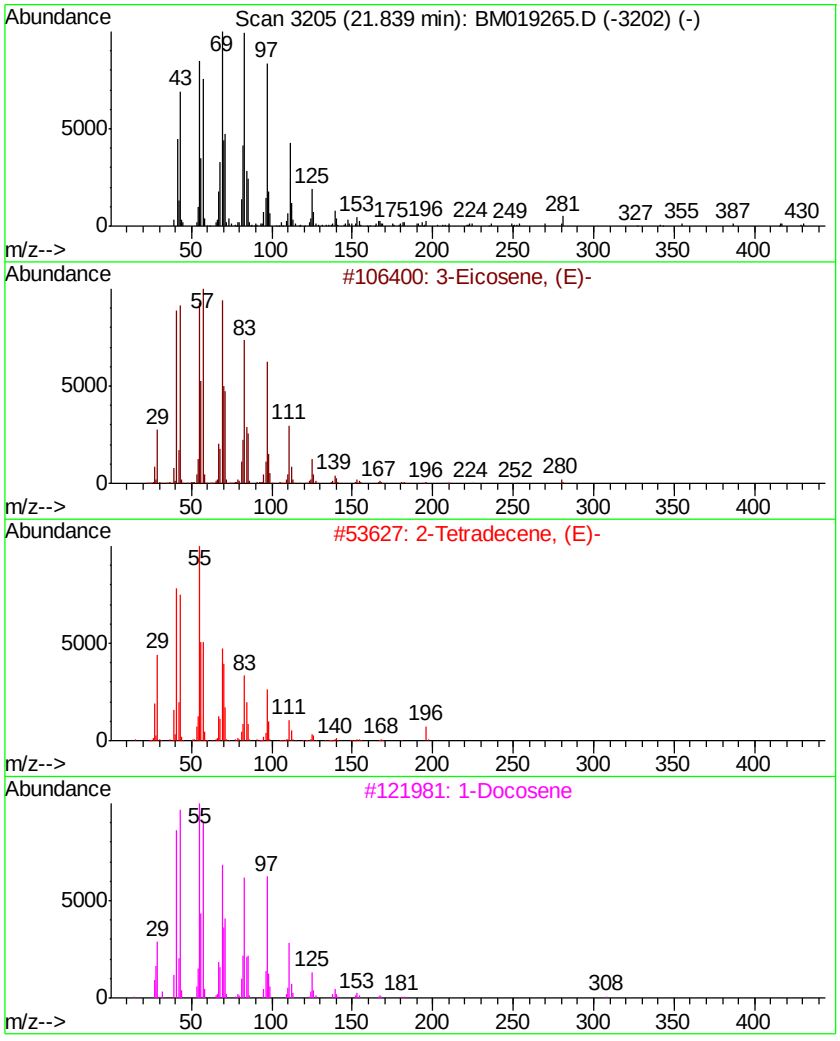
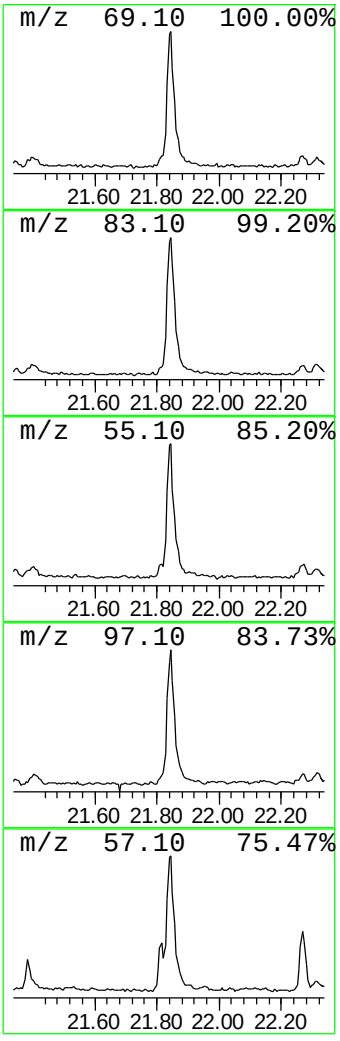
****

Peak Number 7 2-Tetradecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	4.29 ng	608381	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	62
3	1-Docosene	308	C22H44	001599-67-3	60
4	1-Nonadecene	266	C19H38	018435-45-5	58
5	9-Nonadecene	266	C19H38	031035-07-1	58





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.17	7.17	88.0	ng	4308450	1	7.63	978877	20.0
n-Hexadecanoic acid	17.94	3.0	ng	406871	4	17.04	2758260	20.0
Naphthalene, 6-et...	18.39	3.5	ng	487568	4	17.04	2758260	20.0
3-Hexadecene, (Z)-	18.80	3.3	ng	455267	4	17.04	2758260	20.0
3-Eicosene, (E)-	20.95	7.4	ng	1046900	5	21.25	2833800	20.0
2-Tetradecene, (E)-	21.84	4.3	ng	608381	5	21.25	2833800	20.0