LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085579.D
Acq On : 19 Mar 2016 18:09
Operator : UM/SJ
Sample : H1788-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(8-9)

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:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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	5.053	240	242	250	rVB	88628	125745	3.99%	0.449%
2	5.464	274	278	280	rBV	2063694	3002608	95.37%	10.726%
3	6.493	365	368	370	rBV	2192332	3148480	100.00%	11.247%
4	6.619	377	379	382	rBV	2685790	2830069	89.89%	10.110%
5	6.847	397	399	402	rBV	612434	685881	21.78%	2.450%
6	7.007	411	413	416	rBV	2482177	2301643	73.10%	8.222%
7	7.419	446	449	451	rBV	2058481	2092229	66.45%	7.474%
8	8.139	509	512	514	rBV	979901	942386	29.93%	3.366%
9	9.213	603	606	608	rBV	3344871	3121181	99.13%	11.150%
10	9.602	638	640	642	rBV	406121	489823	15.56%	1.750%
11	9.819	657	659	661	rBV	59070	67795	2.15%	0.242%
12	9.888	663	665	668	rVB	1107052	986788	31.34%	3.525%
13	10.322	701	703	705	rVB	141478	110330	3.50%	0.394%
14	10.539	719	722	725	rBV	40741	70411	2.24%	0.252%
15	10.676	731	734	737	rBV	1874540	1957599	62.18%	6.993%
16	10.791	743	744	751	rBV	97692	147737	4.69%	0.528%
17	11.248	781	784	785	rBV	33274	46246	1.47%	0.165%
18	11.373	793	795	797	rBV	1095779	995551	31.62%	3.556%
19	11.899	839	841	848	rBV2	134647	206334	6.55%	0.737%
20	12.688	907	910	914	rBV	27309	40444	1.28%	0.144%
21	12.962	931	934	936	rBV	2565968	2979418	94.63%	10.643%
22	13.854	1010	1012	1022	rBV	96201	214844	6.82%	0.767%
23	14.002	1022	1025	1028	rBV	792977	711694	22.60%	2.542%
24	14.174	1038	1040	1042	rVB	41955	33669	1.07%	0.120%
25	14.482	1064	1067	1068	rBV	28507	42891	1.36%	0.153%
26	14.780	1088	1093	1095	rBV	25057	38770	1.23%	0.138%
27	15.100	1119	1121	1123	rBV	32382	39234	1.25%	0.140%
28	15.431	1147	1150	1157	rVB	435561	563754	17.91%	2.014%

Sum of corrected areas: 27993554

LSC Report - Integrated Chromatogram

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Instrument : BNA_F
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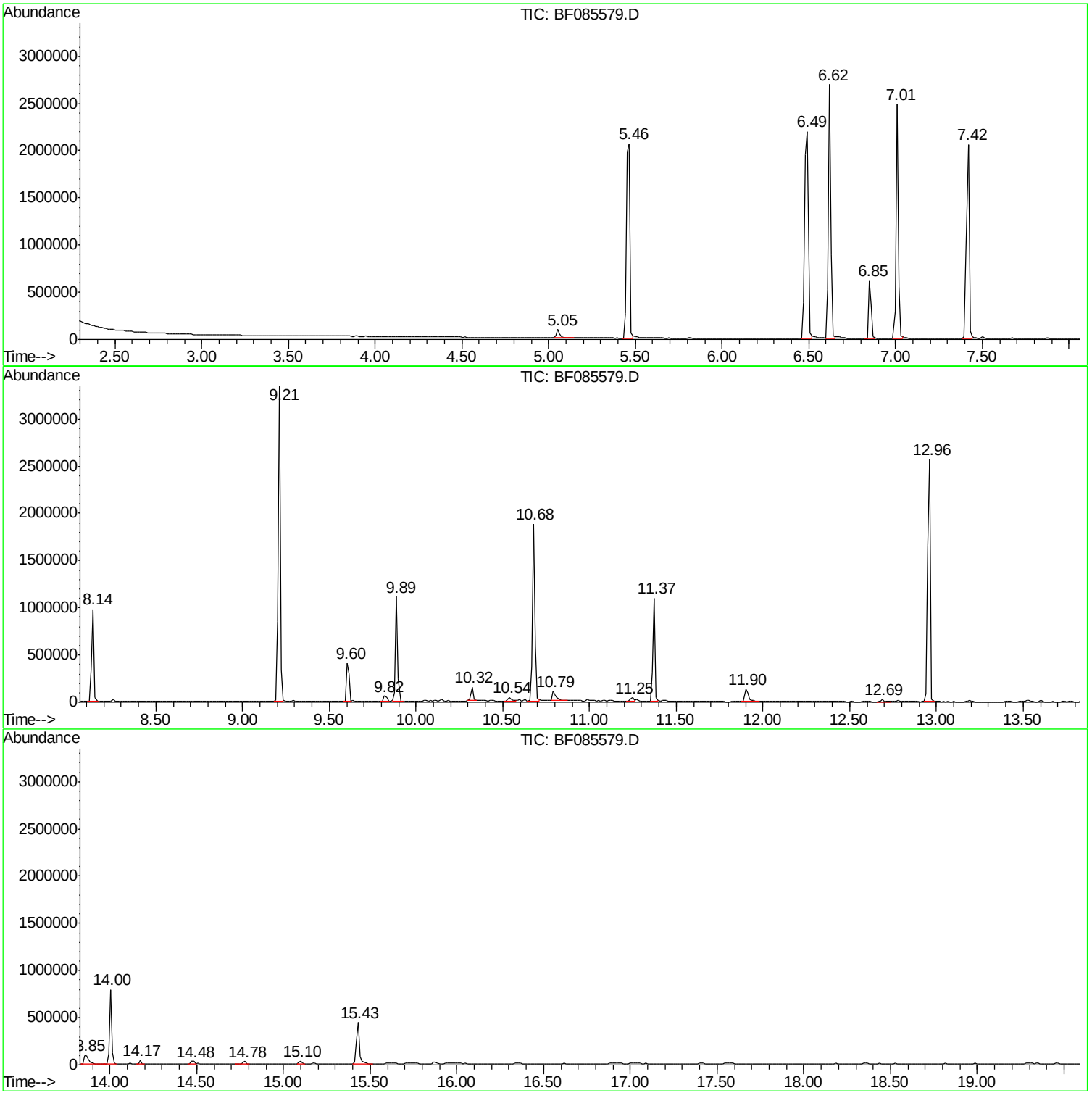
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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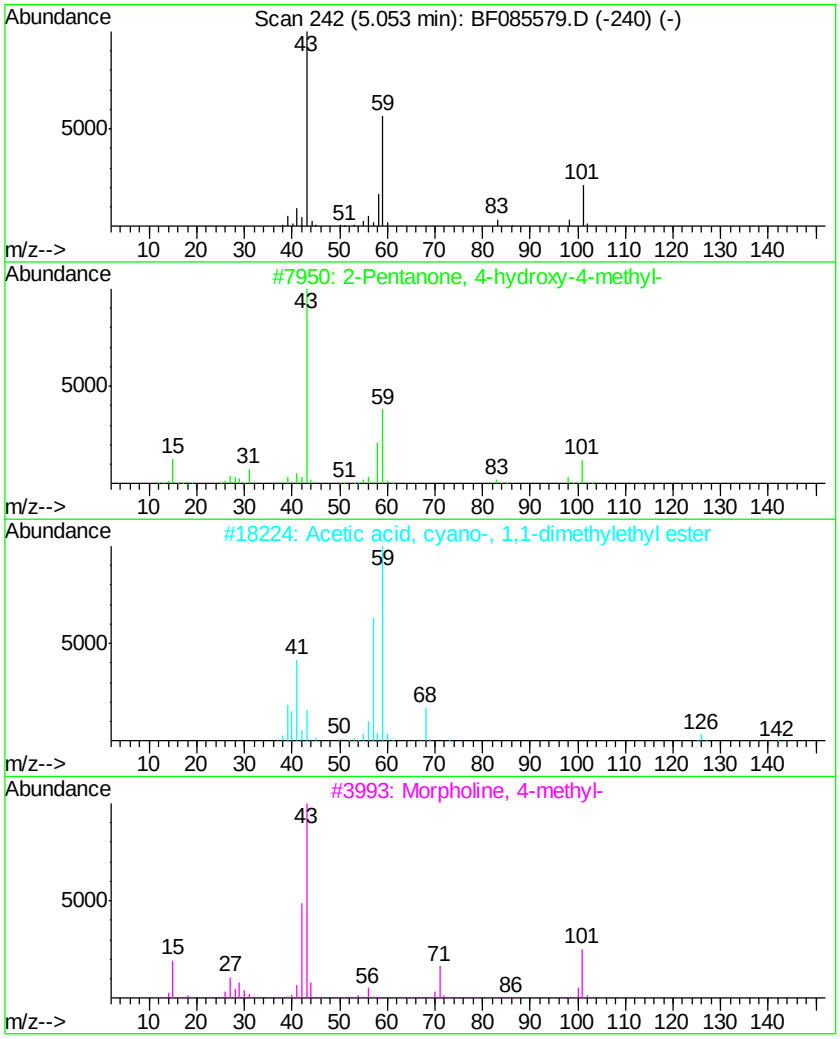
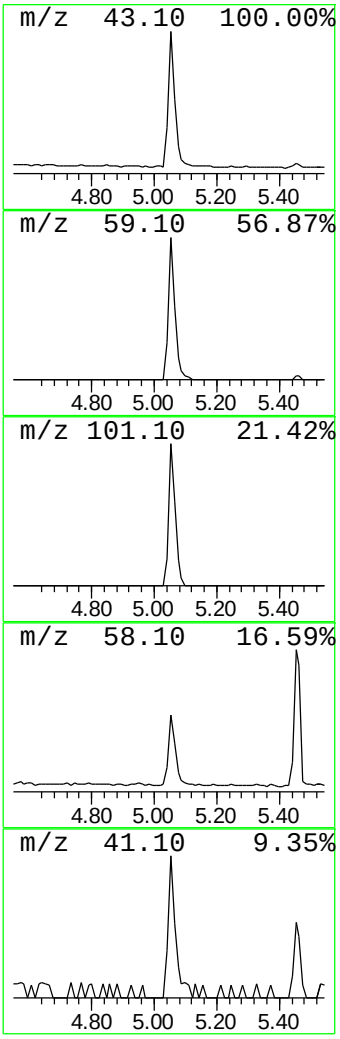
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.67 ng	125745	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_F
ClientSampleId : SB-2(8-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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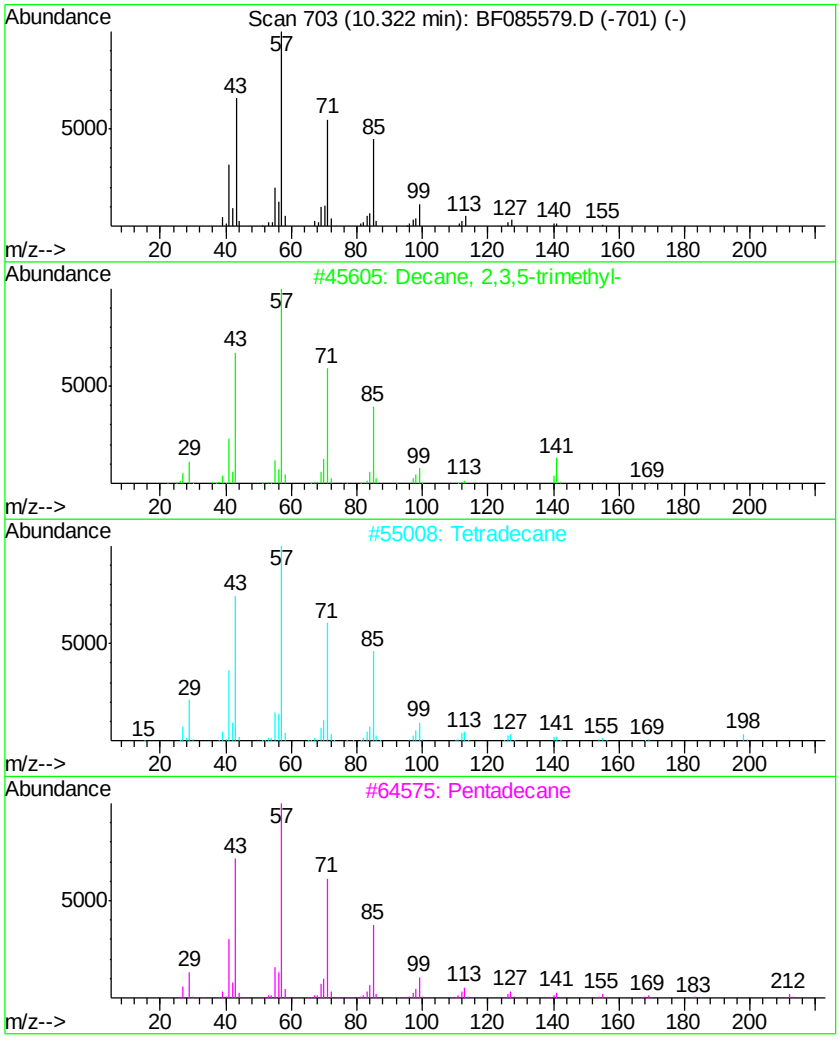
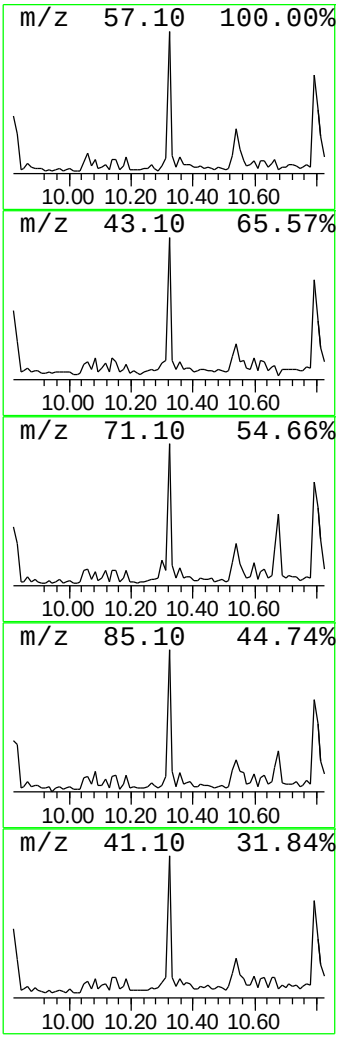
Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.24 ng	110330	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Eicosane	282	C20H42	000112-95-8	83
5	Hexadecane	226	C16H34	000544-76-3	80





Library Search Compound Report

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ClientSampleId : SB-2(8-9)

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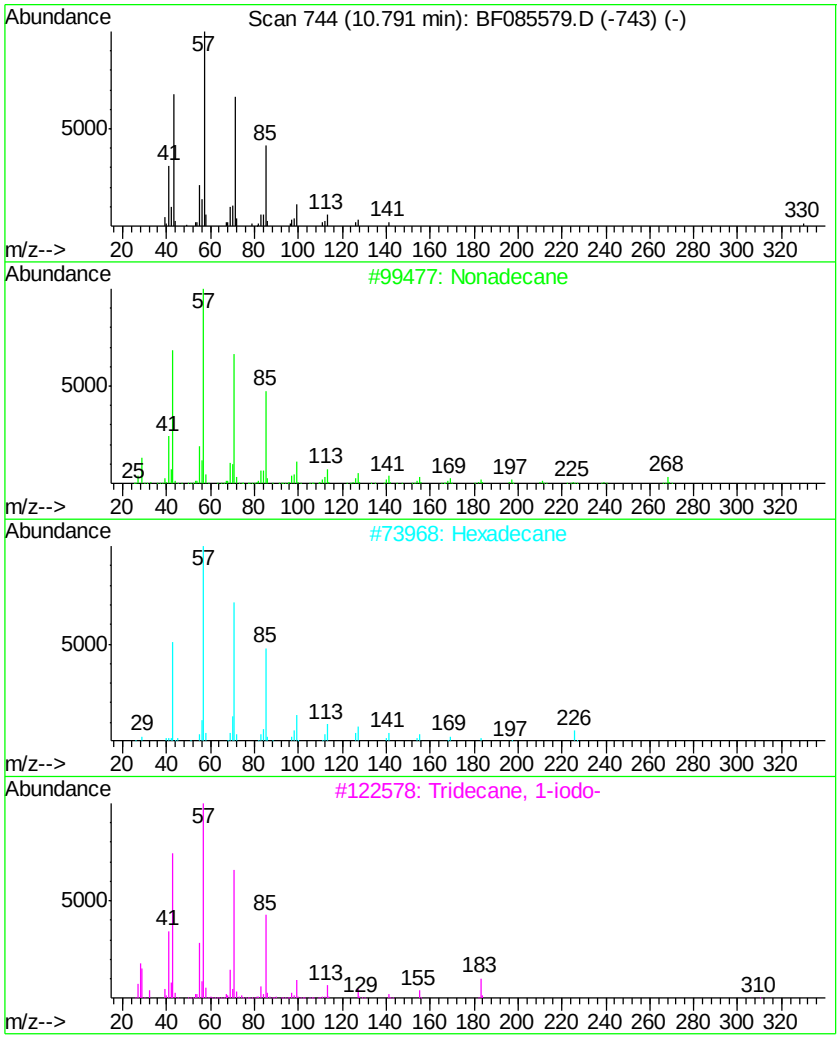
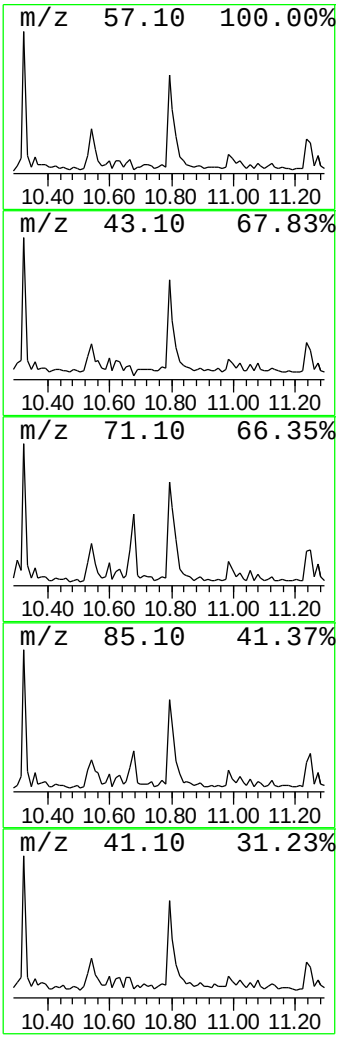
Peak Number 5 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.97 ng	147737	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Pentadecane	212	C15H32	000629-62-9	86





Library Search Compound Report

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Instrument : BNA_F
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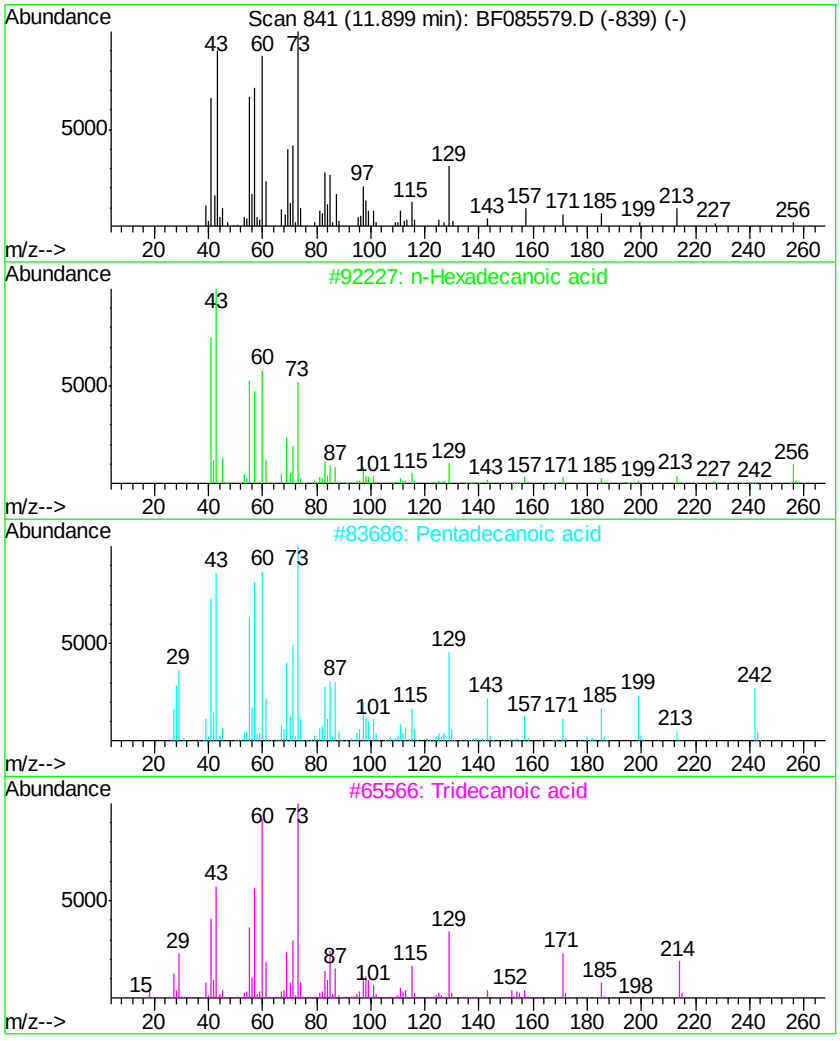
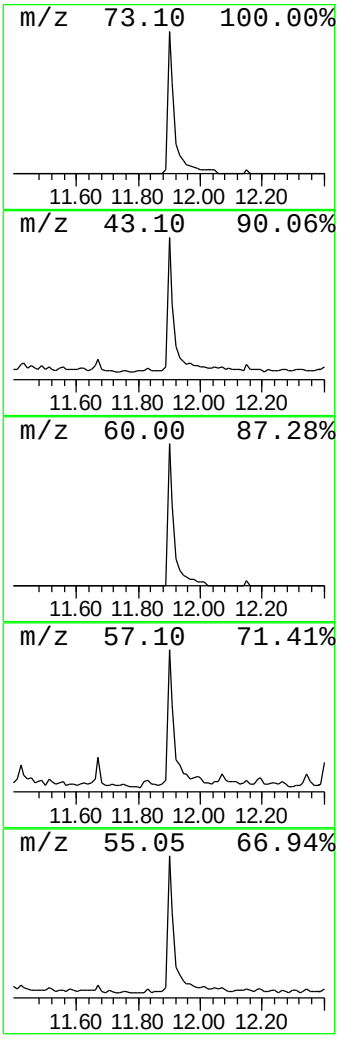
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.15 ng	206334	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	14
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	14





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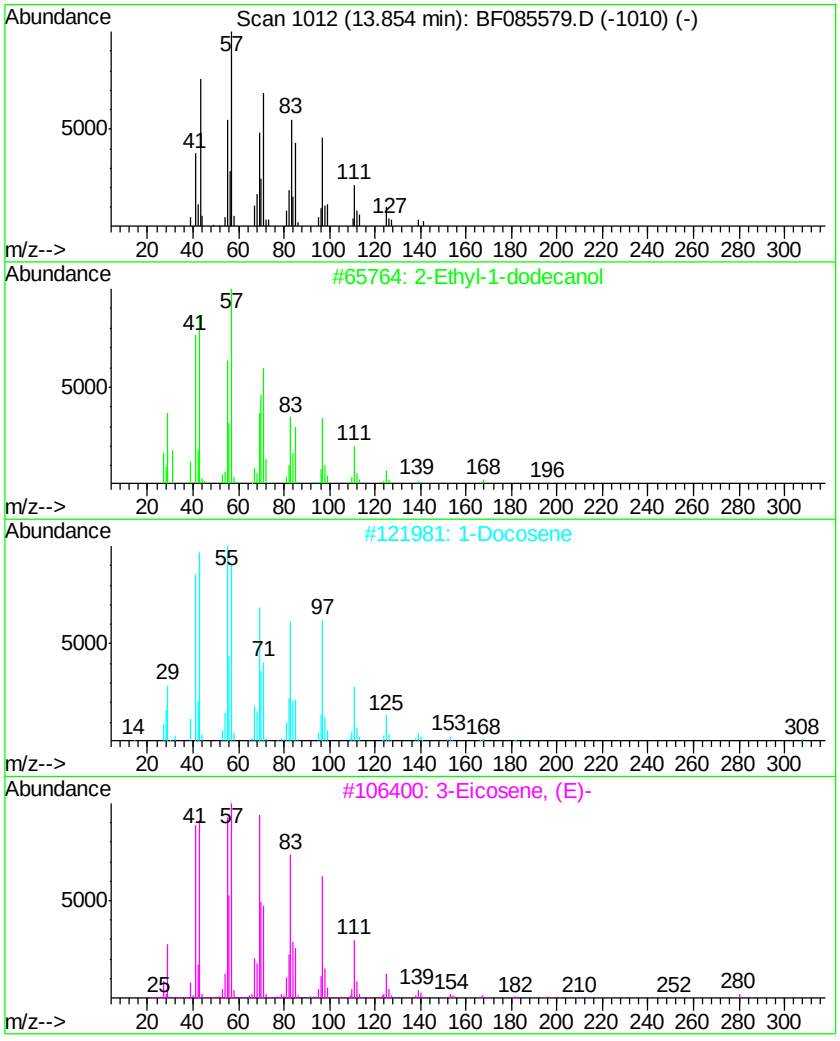
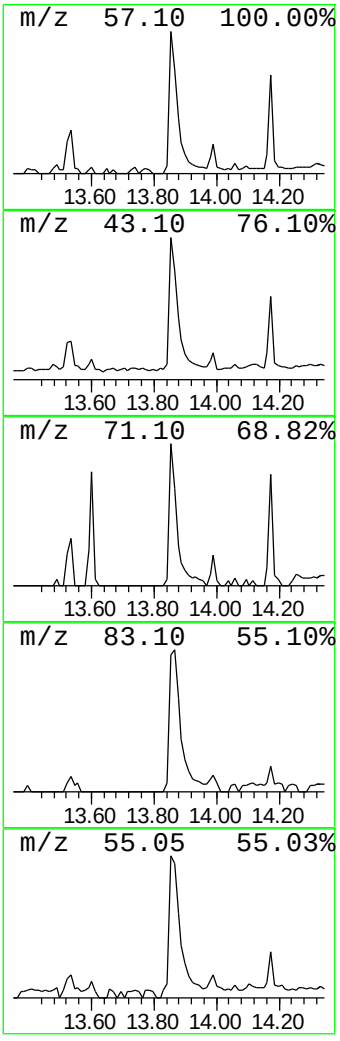
Peak Number 7 2-Ethyl-1-dodecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.04 ng	214844	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	72
2	1-Docosene	308	C22H44	001599-67-3	64
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	62
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	62
5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	58





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
2-Pentanone, 4-hy...	5.05	3.7	ng	125745	1	6.85	685881	20.0
Decane, 2,3,5-tri...	10.32	2.2	ng	110330	3	9.89	986788	20.0
Nonadecane	10.79	3.0	ng	147737	4	11.37	995551	20.0
n-Hexadecanoic acid	11.90	4.2	ng	206334	4	11.37	995551	20.0
2-Ethyl-1-dodecanol	13.85	6.0	ng	214844	5	14.00	711694	20.0