LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
Data File : BF119141.D
Acq On : 28 Feb 2020 20:24
Operator : CG/JU
Sample : L1700-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11978

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_F\METHODS\8270-BF022020.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	5.357	552	556	585	rBV	2350772	2376452	60.99%	9.156%
2	6.381	726	730	759	rBV	2097505	2419538	62.10%	9.322%
3	6.734	786	790	801	rBV	778238	694009	17.81%	2.674%
4	6.887	812	816	820	rBV	2254319	2084377	53.50%	8.031%
5	7.292	881	885	899	rBV	1527110	1562732	40.11%	6.021%
6	8.016	1004	1008	1021	rVB	940160	898018	23.05%	3.460%
7	9.086	1185	1190	1194	rBV	3395671	3122986	80.15%	12.033%
8	9.480	1254	1257	1262	rBV	122001	106766	2.74%	0.411%
9	9.763	1301	1305	1309	rBV	1301217	1122814	28.82%	4.326%
10	10.551	1435	1439	1451	rBV	2358990	2278357	58.48%	8.778%
11	11.245	1553	1557	1560	rBV	1372178	1229199	31.55%	4.736%
12	11.269	1560	1561	1565	rVB	64769	44942	1.15%	0.173%
13	11.780	1645	1648	1658	rBV2	235572	256671	6.59%	0.989%
14	12.457	1760	1763	1769	rBV	151586	142099	3.65%	0.548%
15	12.563	1777	1781	1786	rBV	69496	92867	2.38%	0.358%
16	12.686	1797	1802	1805	rBV	140292	139513	3.58%	0.538%
17	12.716	1805	1807	1815	rVB2	33072	45084	1.16%	0.174%
18	12.827	1822	1826	1830	rBV	4081024	3896195	100.00%	15.012%
19	13.727	1975	1979	1990	rVB2	166213	246291	6.32%	0.949%
20	13.880	1999	2005	2009	rBV	1201523	1232986	31.65%	4.751%
21	13.910	2009	2010	2017	rVB	72041	45721	1.17%	0.176%
22	14.045	2030	2033	2037	rBV	52150	54663	1.40%	0.211%
23	14.351	2082	2085	2090	rBV	79268	93046	2.39%	0.359%
24	14.645	2132	2135	2139	rVB	93882	87022	2.23%	0.335%
25	14.904	2175	2179	2185	rBV	58715	102172	2.62%	0.394%
26	14.963	2185	2189	2192	rVB	104623	117809	3.02%	0.454%
27	15.186	2224	2227	2233	rVB	39040	54783	1.41%	0.211%
28	15.251	2235	2238	2242	rVB	51856	65951	1.69%	0.254%
29	15.304	2242	2247	2255	rBV	854193	1133328	29.09%	4.367%
30	15.721	2313	2318	2323	rVB	76304	109491	2.81%	0.422%
31	16.192	2393	2398	2402	rBV2	28780	46116	1.18%	0.178%
32	16.709	2480	2486	2488	rBV2	25706	51954	1.33%	0.200%

LSC Area Percent Report

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 25953952

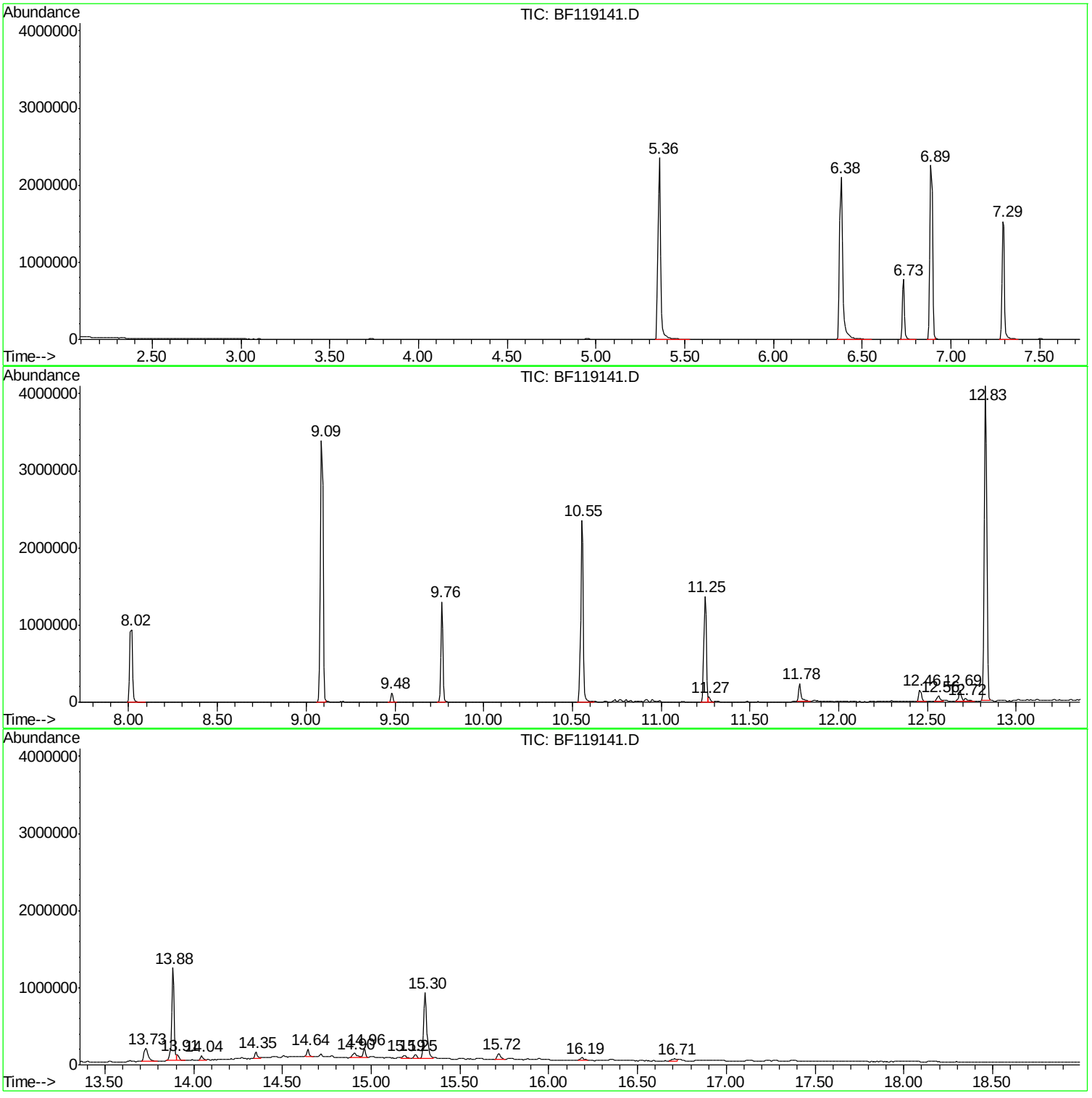
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
Data File : BF119141.D
Acq On : 28 Feb 2020 20:24
Operator : CG/JU
Sample : L1700-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
Data File : BF119141.D
Acq On : 28 Feb 2020 20:24
Operator : CG/JU
Sample : L1700-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11978

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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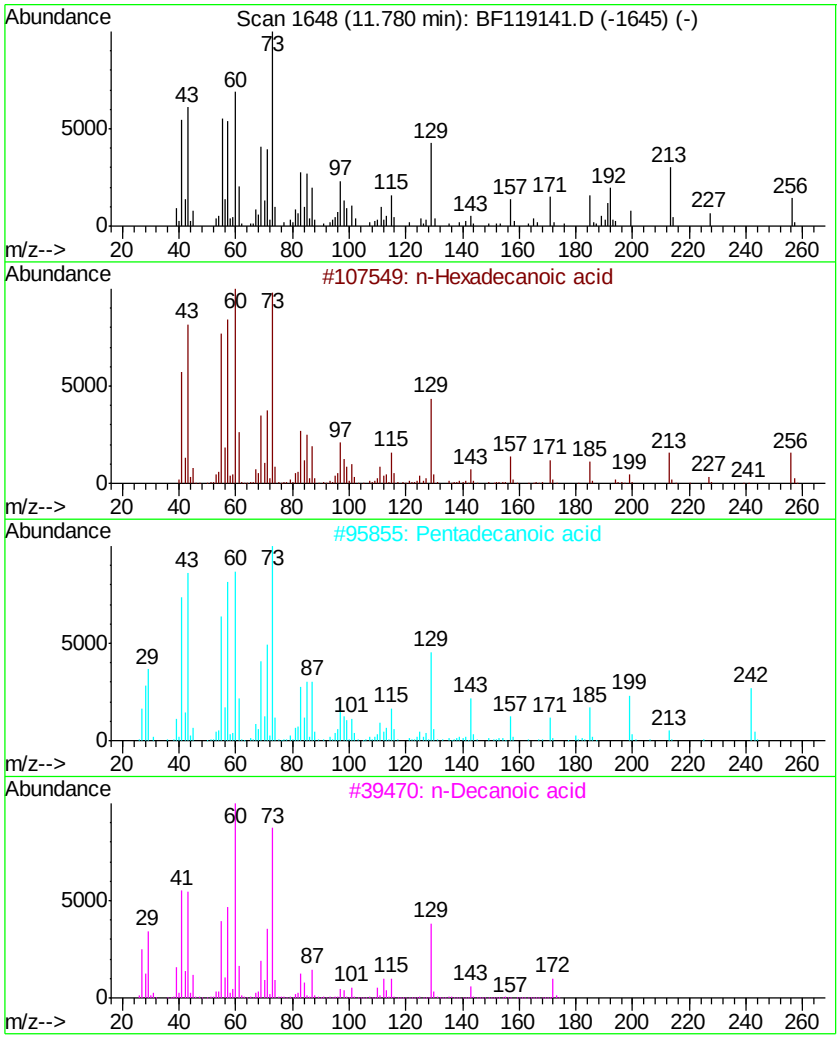
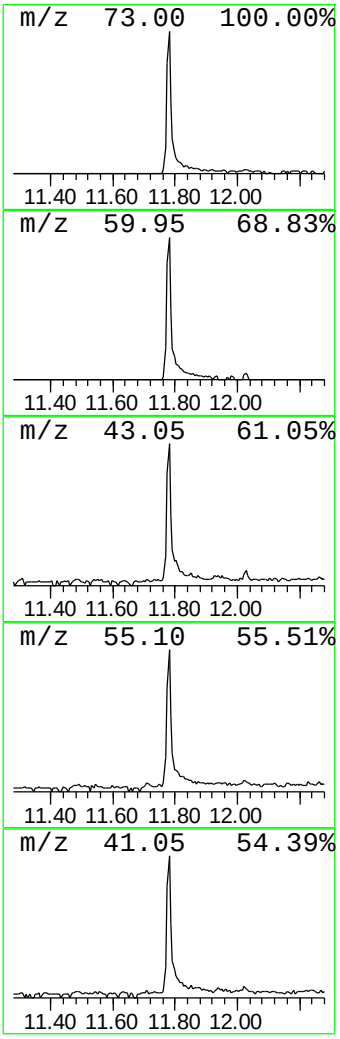
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	4.18 ng	256671	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	sec-Butyl isopentyl disulphide	192	C9H20S2	075203-67-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
Data File : BF119141.D
Acq On : 28 Feb 2020 20:24
Operator : CG/JU
Sample : L1700-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11978

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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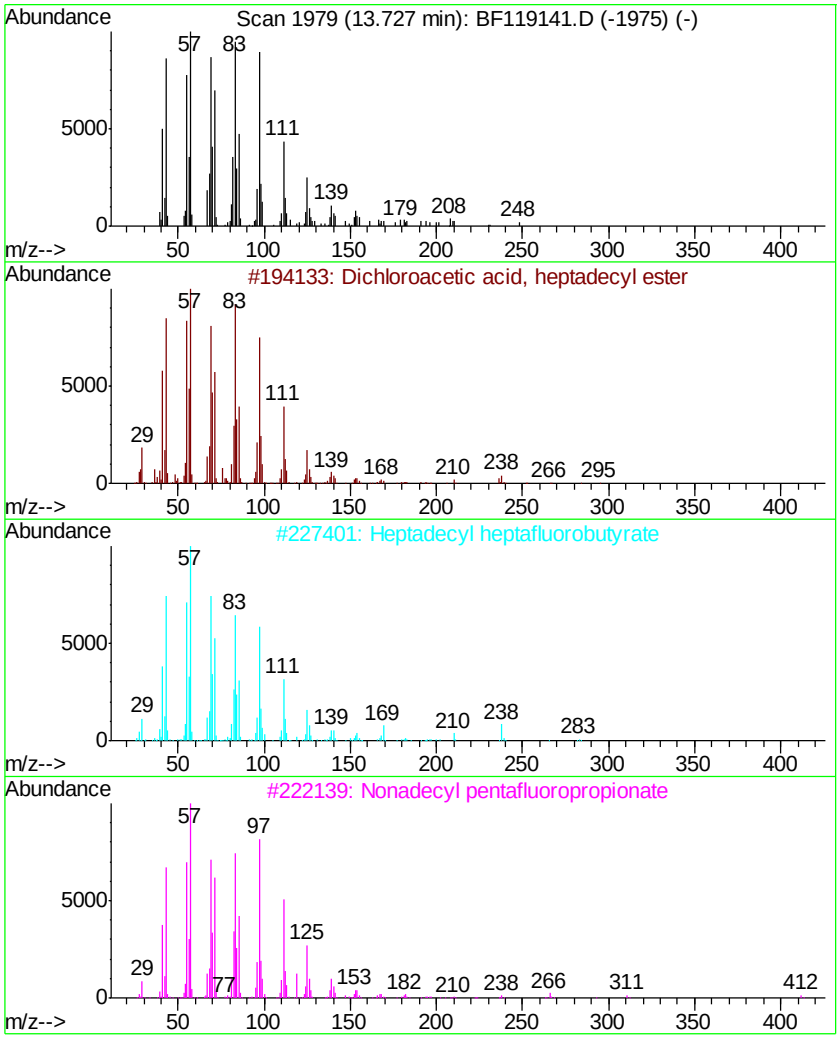
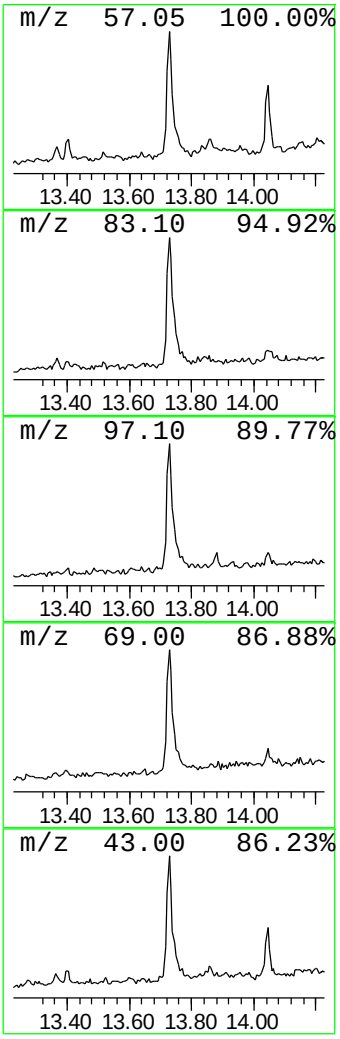
Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.00 ng	246291	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	93
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Data File : BF119141.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11978

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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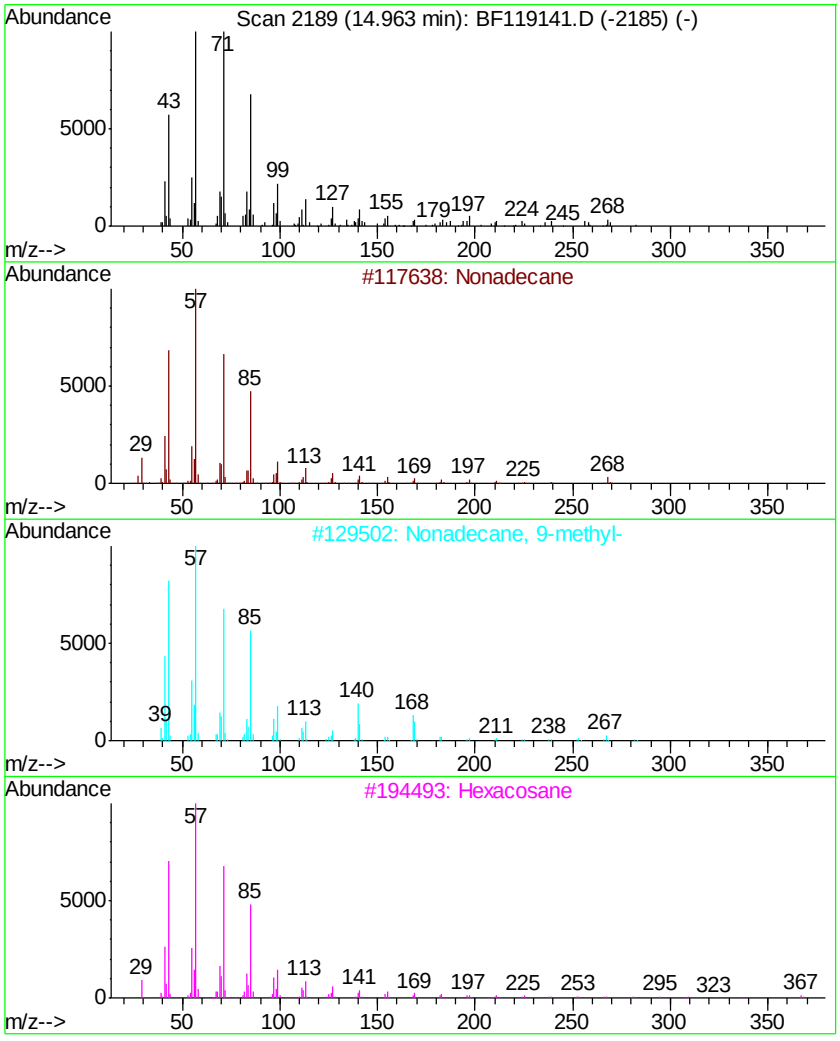
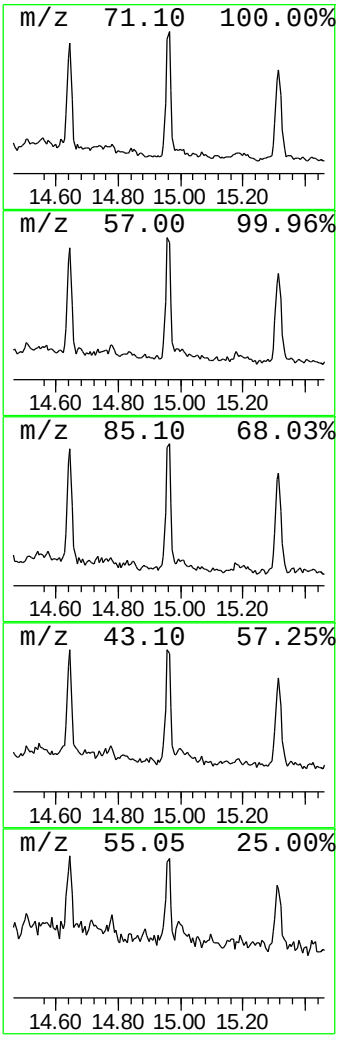
Peak Number 5 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.08 ng	117809	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	11.78	4.2	ng	256671	4	11.25	1229200	20.0
Dichloroacetic ac...	13.73	4.0	ng	246291	5	13.88	1232990	20.0
Nonadecane	14.96	2.1	ng	117809	6	15.30	1133330	20.0