LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120221.D
Acq On : 27 Apr 2020 16:16
Operator : MA/SJ
Sample : L2422-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUCK-ISLAND-ROLLOFF

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-BF040820.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	5.275	538	542	557	rBV	2473951	2384494	75.18%	10.178%
2	6.310	714	718	731	rBV	2519991	2481969	78.25%	10.594%
3	6.663	774	778	784	rVB	832116	706247	22.27%	3.014%
4	6.816	800	804	808	rBV	2341485	2058091	64.89%	8.785%
5	7.228	869	874	877	rBV	1649394	1496511	47.18%	6.388%
6	7.945	992	996	1000	rBV	1093275	906257	28.57%	3.868%
7	9.028	1175	1180	1183	rBV	3180791	2765547	87.20%	11.804%
8	9.422	1243	1247	1250	rBV	343229	257878	8.13%	1.101%
9	9.698	1290	1294	1298	rBV	1231889	1047477	33.03%	4.471%
10	10.492	1424	1429	1432	rBV	1783050	1679121	52.94%	7.167%
11	11.186	1543	1547	1549	rBV	1057562	959990	30.27%	4.098%
12	11.204	1549	1550	1554	rVB	77280	52893	1.67%	0.226%
13	11.722	1634	1638	1642	rBV2	170657	178757	5.64%	0.763%
14	12.392	1749	1752	1756	rBV	108637	100076	3.16%	0.427%
15	12.510	1769	1772	1782	rVB4	48302	65638	2.07%	0.280%
16	12.622	1785	1791	1794	rBV	159409	146954	4.63%	0.627%
17	12.774	1812	1817	1820	rBV	3562119	3171673	100.00%	13.538%
18	13.686	1967	1972	1988	rBV2	145330	277061	8.74%	1.183%
19	13.821	1990	1995	1998	rVV	1050905	990853	31.24%	4.229%
20	13.845	1998	1999	2005	rVB	77949	63278	2.00%	0.270%
21	13.998	2021	2025	2030	rVB	41203	42179	1.33%	0.180%
22	14.304	2074	2077	2080	rBV	83070	77471	2.44%	0.331%
23	14.598	2123	2127	2136	rVB	117143	120465	3.80%	0.514%
24	14.833	2163	2167	2170	rBV	57730	84753	2.67%	0.362%
25	14.910	2176	2180	2183	rBV	106592	120055	3.79%	0.512%
26	15.110	2210	2214	2219	rVB	36571	48948	1.54%	0.209%
27	15.168	2220	2224	2228	rVB	52142	63541	2.00%	0.271%
28	15.227	2229	2234	2238	rVV	642072	762333	24.04%	3.254%
29	15.263	2238	2240	2245	rVB2	104690	109723	3.46%	0.468%
30	15.663	2303	2308	2314	rVB	71012	102208	3.22%	0.436%
31	16.121	2382	2386	2396	rVB4	34936	70275	2.22%	0.300%
32	16.574	2459	2463	2468	rBV3	20331	35659	1.12%	0.152%

LSC Area Percent Report

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Operator : MA/SJ
Sample : L2422-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUCK-ISLAND-ROLLOFF

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 23428375

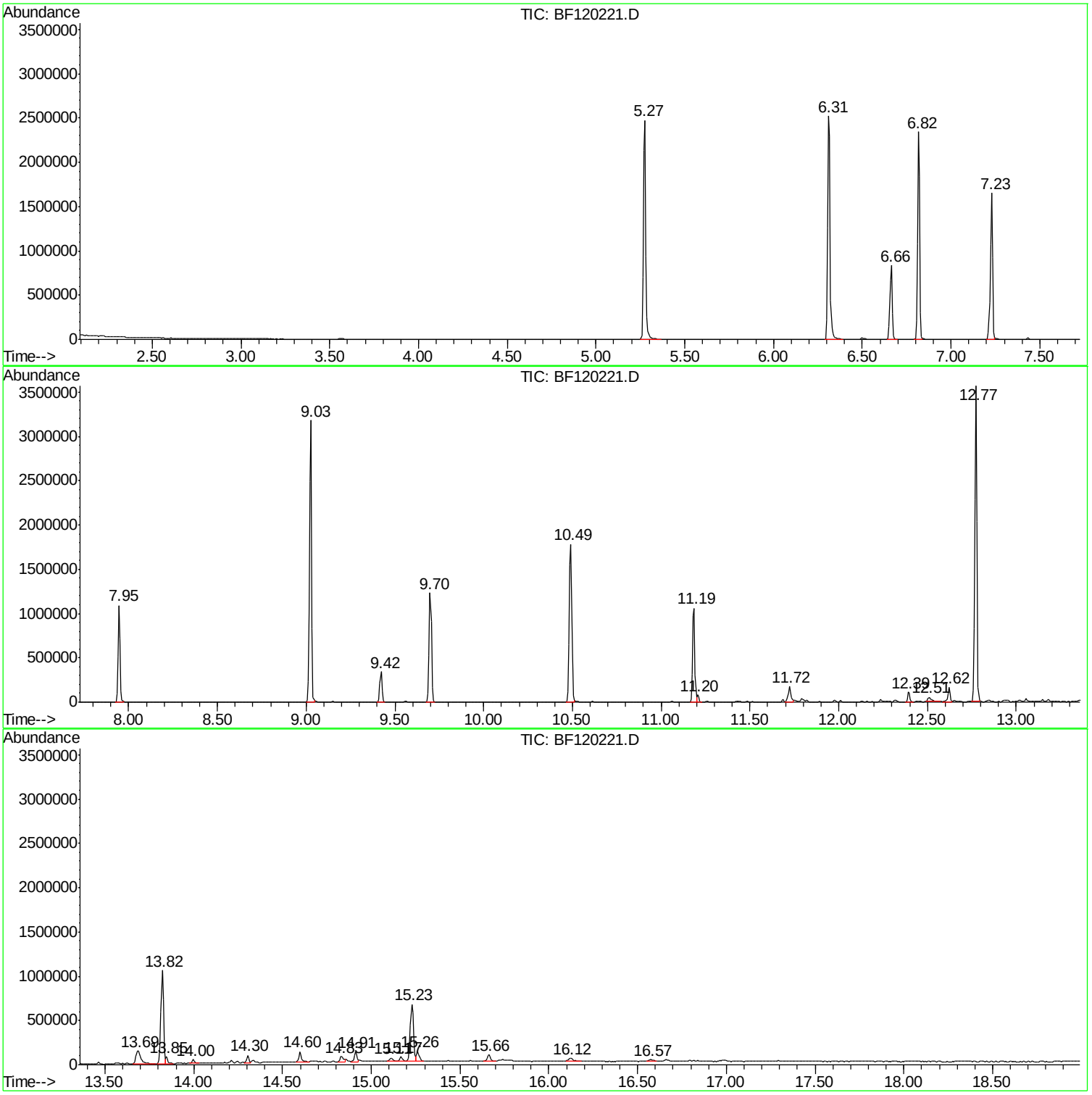
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120221.D
Acq On : 27 Apr 2020 16:16
Operator : MA/SJ
Sample : L2422-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUCK-ISLAND-ROLLOFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF042720\
Data File : BF120221.D
Acq On : 27 Apr 2020 16:16
Operator : MA/SJ
Sample : L2422-01
Misc :
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Instrument : BNA_F
ClientSampleId : DUCK-ISLAND-ROLLOFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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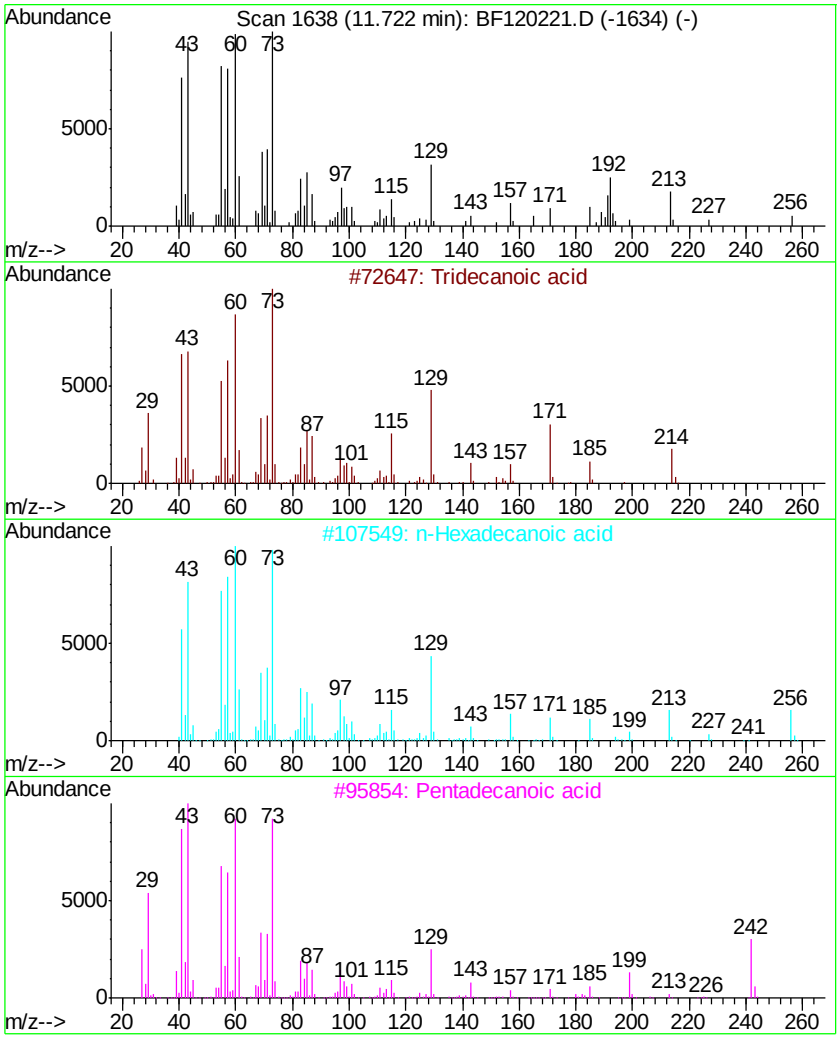
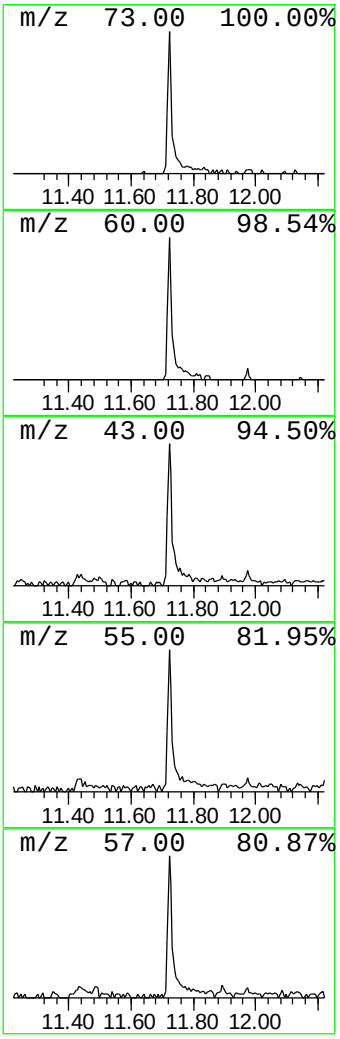
Peak Number 2 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.72 ng	178757	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120221.D
Acq On : 27 Apr 2020 16:16
Operator : MA/SJ
Sample : L2422-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUCK-ISLAND-ROLLOFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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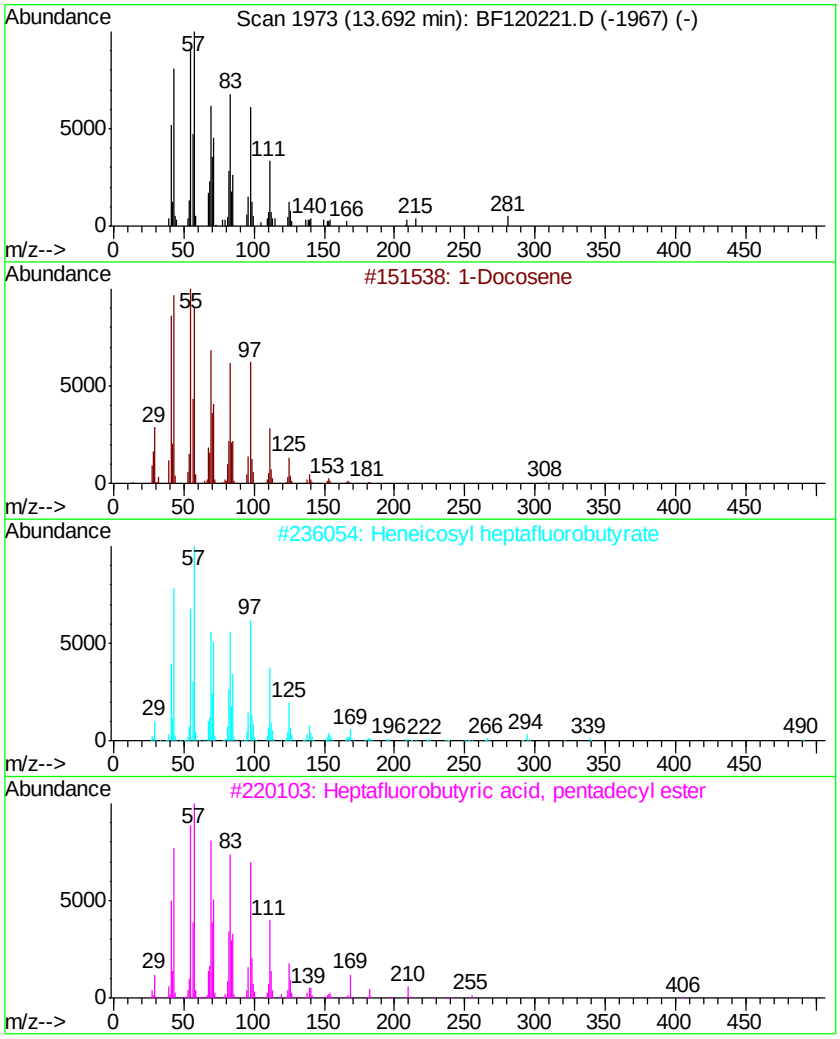
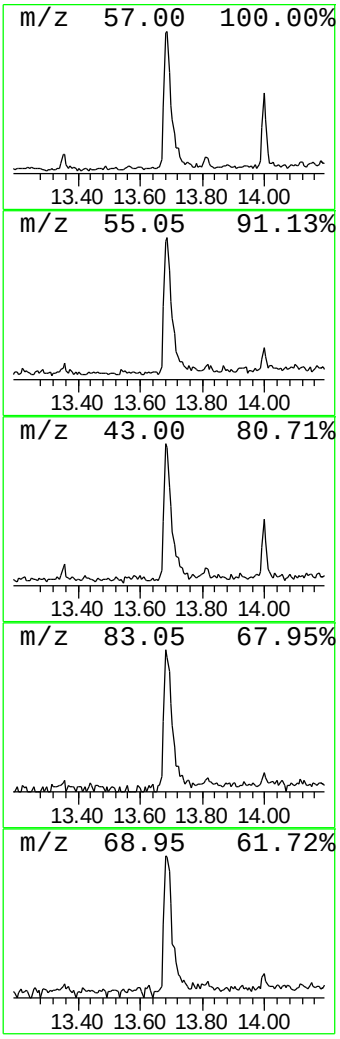
Peak Number 4 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	5.59 ng	277061	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	91
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120221.D
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Operator : MA/SJ
Sample : L2422-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUCK-ISLAND-ROLLOFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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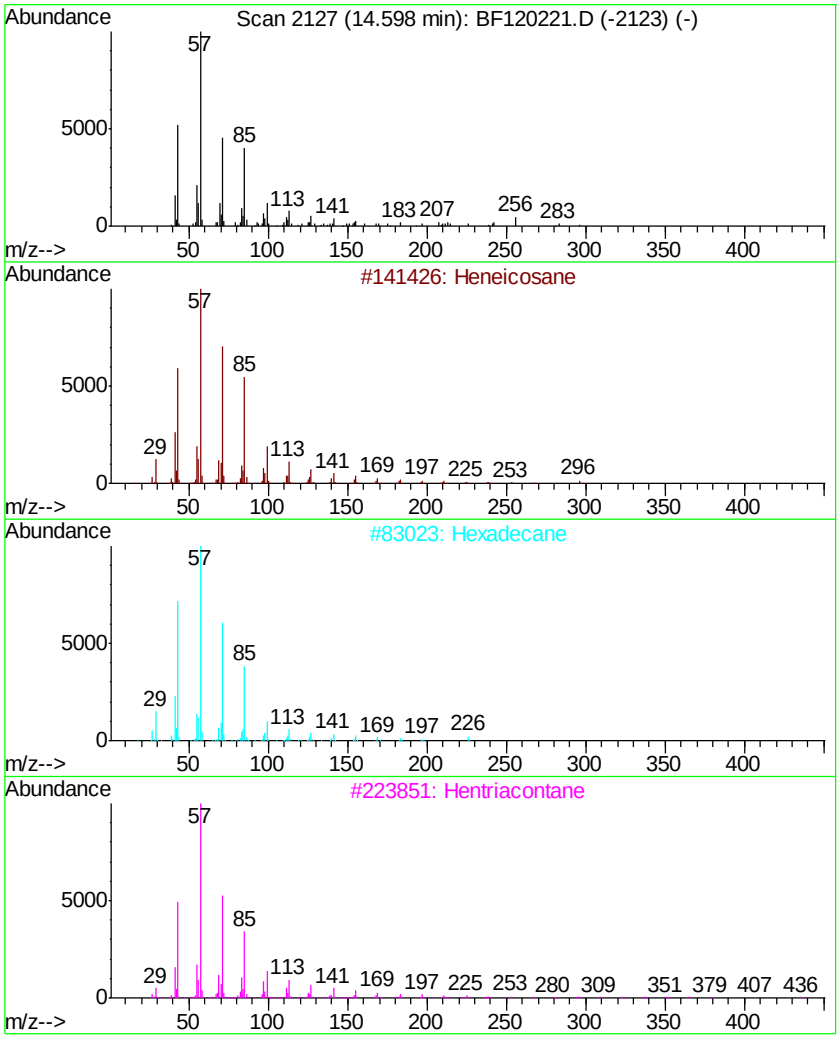
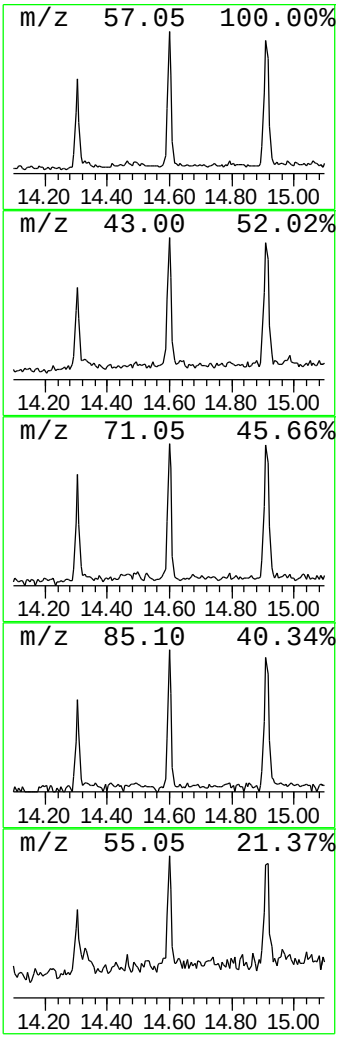
Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.16 ng	120465	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Hexadecane	226	C16H34	000544-76-3	92
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Octadecane	254	C18H38	000593-45-3	74
5	Nonadecane	268	C19H40	000629-92-5	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120221.D
Acq On : 27 Apr 2020 16:16
Operator : MA/SJ
Sample : L2422-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUCK-ISLAND-ROLLOFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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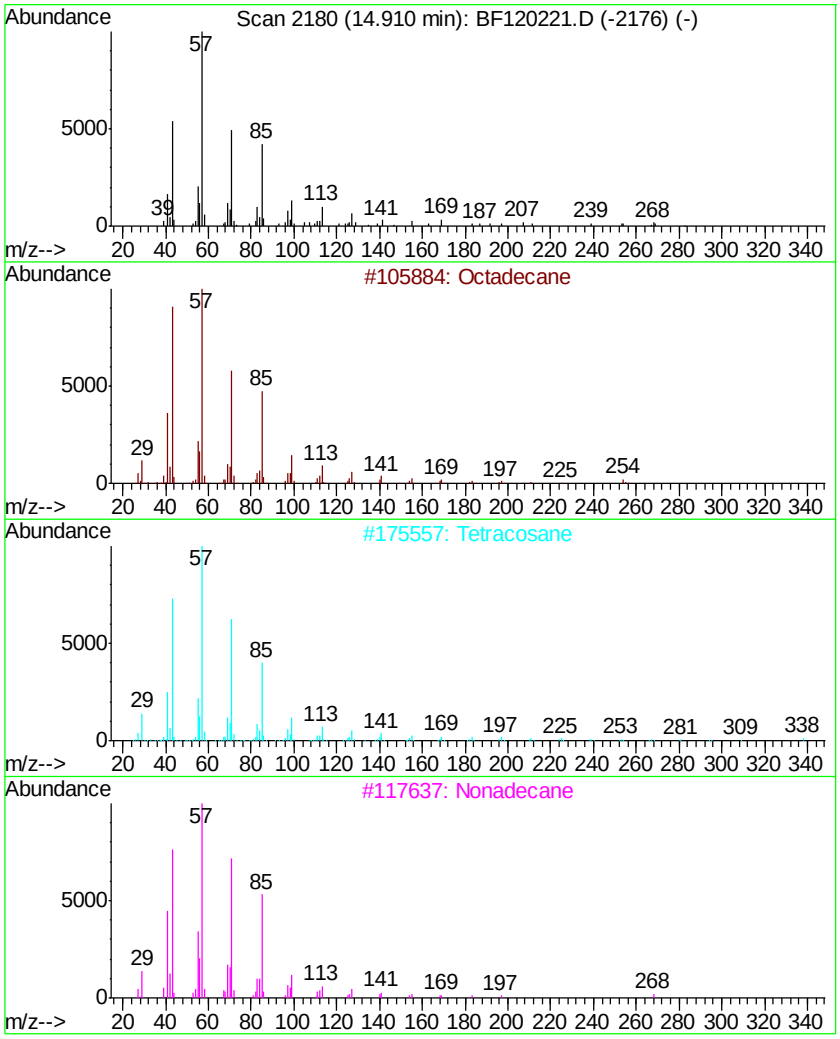
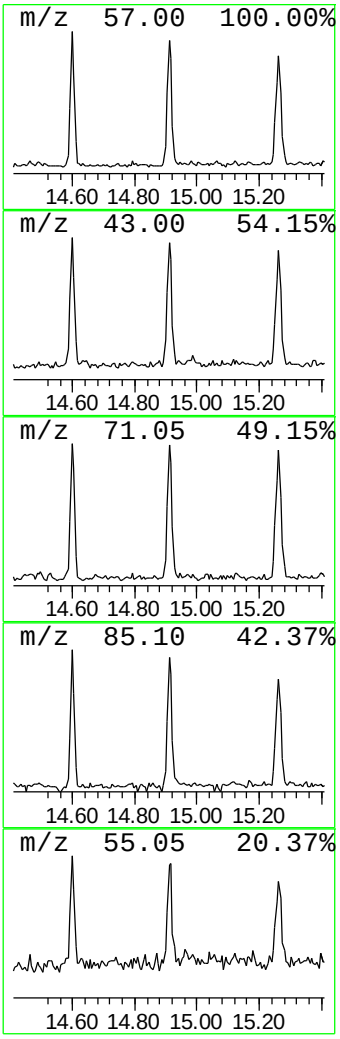
Peak Number 7 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.15 ng	120055	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Tetracosane	338	C24H50	000646-31-1	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	87





Library Search Compound Report

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Data File : BF120221.D
Acq On : 27 Apr 2020 16:16
Operator : MA/SJ
Sample : L2422-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUCK-ISLAND-ROLLOFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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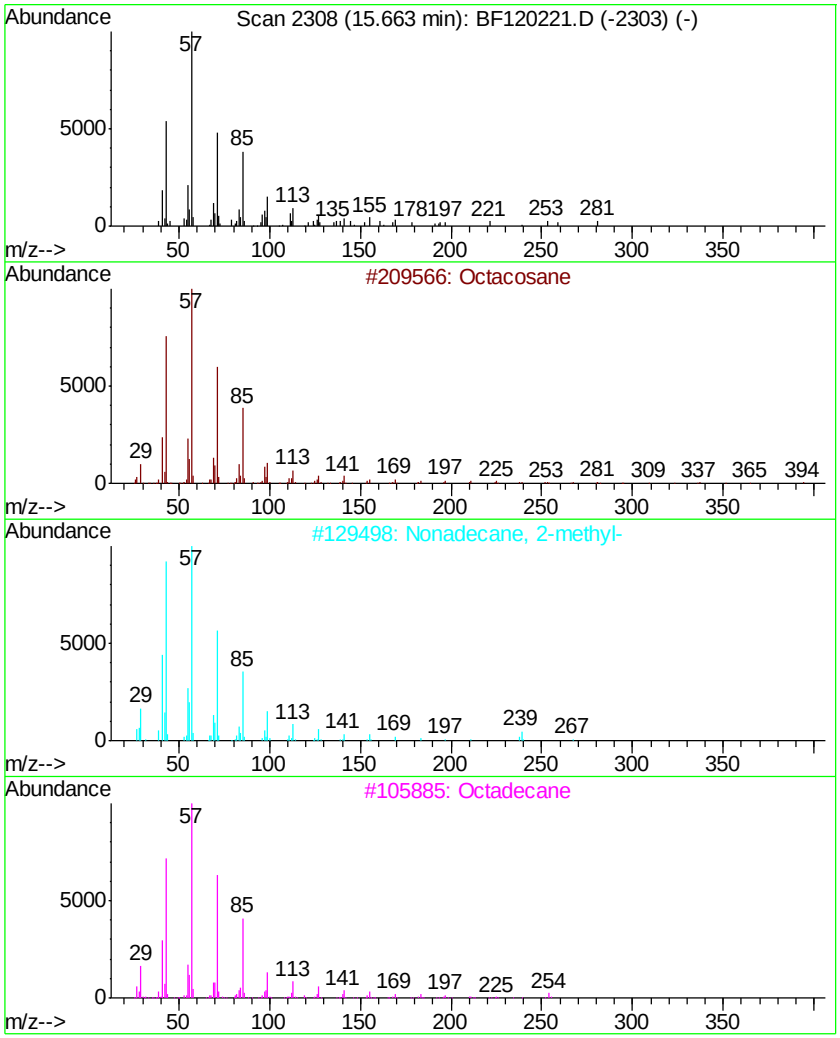
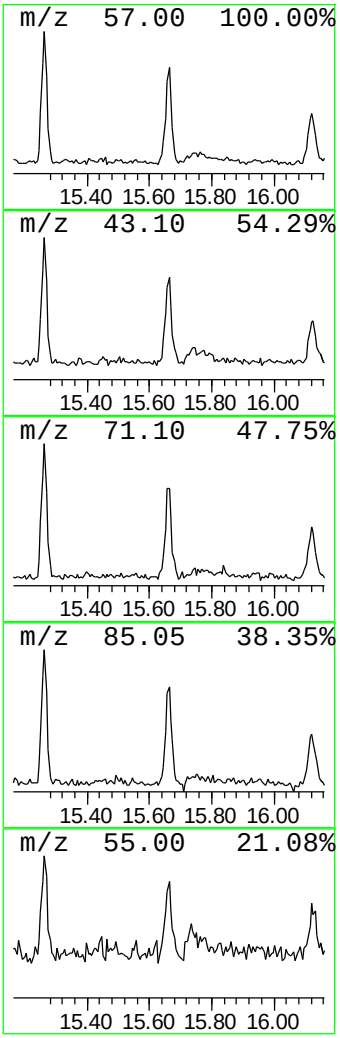
Peak Number 8 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.68 ng	102208	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

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Data File : BF120221.D
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Sample : L2422-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUCK-ISLAND-ROLLOFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecanoic acid	11.72	3.7	ng	178757	4	11.19	959990	20.0
1-Docosene	13.69	5.6	ng	277061	5	13.82	990853	20.0
Heneicosane	14.60	3.2	ng	120465	6	15.23	762333	20.0
Octadecane	14.91	3.1	ng	120055	6	15.23	762333	20.0
Octacosane	15.66	2.7	ng	102208	6	15.23	762333	20.0