LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF012020.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	2.175	6	15	22	rBV	1694514	2439785	29.65%	3.299%
2	5.110	510	514	521	rVB	75782	103614	1.26%	0.140%
3	5.498	573	580	584	rBV	6148694	6844907	83.19%	9.255%
4	6.504	745	751	755	rBV	6349704	7386149	89.77%	9.987%
5	6.881	811	815	818	rBV	2294900	2077551	25.25%	2.809%
6	7.040	837	842	845	rBV	6228238	6018115	73.14%	8.137%
7	7.440	904	910	913	rBV	4359330	4679711	56.88%	6.328%
8	8.157	1028	1032	1035	rBV	2819177	2825356	34.34%	3.820%
9	8.875	1148	1154	1157	rVB	199601	201794	2.45%	0.273%
10	8.969	1167	1170	1174	rVB	139962	121400	1.48%	0.164%
11	9.186	1205	1207	1211	rBV	107680	87684	1.07%	0.119%
12	9.239	1211	1216	1219	rBV	8384970	8227827	100.00%	11.125%
13	9.334	1227	1232	1235	rBV2	124400	188839	2.30%	0.255%
14	9.498	1257	1260	1265	rBV2	65481	96766	1.18%	0.131%
15	9.575	1270	1273	1276	rVV2	219217	255138	3.10%	0.345%
16	9.628	1279	1282	1287	rVB	927985	940235	11.43%	1.271%
17	9.792	1304	1310	1312	rBV3	74303	117354	1.43%	0.159%
18	9.916	1325	1331	1334	rBV	3721831	3268097	39.72%	4.419%
19	9.945	1334	1336	1340	rVB	653053	563065	6.84%	0.761%
20	10.116	1362	1365	1368	rBV	399793	345718	4.20%	0.467%
21	10.233	1382	1385	1388	rBV3	84434	98544	1.20%	0.133%
22	10.463	1420	1424	1427	rBV	590186	551925	6.71%	0.746%
23	10.575	1440	1443	1446	rVV	219649	179674	2.18%	0.243%
24	10.622	1448	1451	1455	rVB2	107742	116070	1.41%	0.157%
25	10.704	1460	1465	1468	rBV	5476875	5112917	62.14%	6.913%
26	10.733	1468	1470	1477	rVB4	78831	144702	1.76%	0.196%
27	10.839	1483	1488	1491	rVB	481007	506898	6.16%	0.685%
28	11.039	1520	1522	1528	rVV4	76574	112687	1.37%	0.152%
29	11.086	1528	1530	1534	rVB2	198994	182908	2.22%	0.247%
30	11.304	1564	1567	1573	rVB2	334777	364107	4.43%	0.492%
31	11.398	1580	1583	1586	rBV	2986566	2884858	35.06%	3.901%
32	11.422	1586	1587	1590	rVV	1055760	711471	8.65%	0.962%
33	11.475	1593	1596	1599	rVB	225843	216348	2.63%	0.293%
34	11.504	1599	1601	1605	rBV3	69142	97472	1.18%	0.132%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.627	1619	1622	1624	rBV	137254	149297	1.81%	0.202%
36	11.927	1670	1673	1678	rVB	687837	580347	7.05%	0.785%
37	12.016	1685	1688	1690	rBV2	160973	160456	1.95%	0.217%
38	12.616	1786	1790	1793	rBV	654895	579977	7.05%	0.784%
39	12.657	1795	1797	1802	rVB4	130547	134531	1.64%	0.182%
40	12.710	1803	1806	1809	rBV2	166443	188643	2.29%	0.255%
41	12.839	1825	1828	1831	rBV	408269	346553	4.21%	0.469%
42	12.986	1848	1853	1856	rBV	6482931	6203096	75.39%	8.387%
43	13.416	1924	1926	1929	rBV	391786	378041	4.59%	0.511%
44	13.880	2002	2005	2016	rVB	853604	1065958	12.96%	1.441%
45	14.033	2027	2031	2034	rBV	2342120	2516524	30.59%	3.403%
46	14.510	2110	2112	2116	rVB	335834	296537	3.60%	0.401%
47	14.821	2162	2165	2168	rBV	316788	365024	4.44%	0.494%
48	15.163	2220	2223	2233	rVB2	406597	579416	7.04%	0.783%
49	15.510	2278	2282	2286	rBV	1901001	2342717	28.47%	3.168%

Sum of corrected areas: 73956803

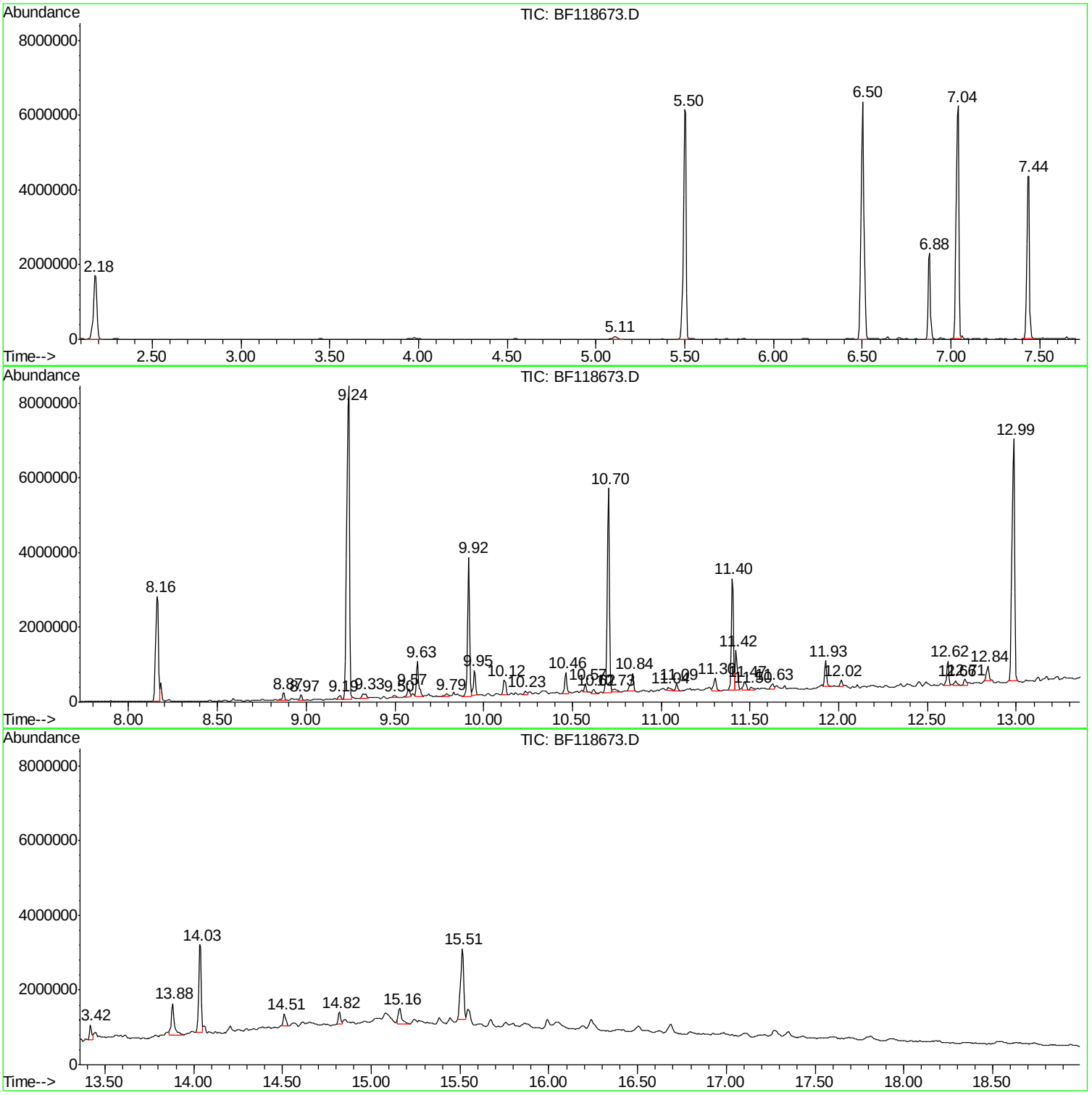
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

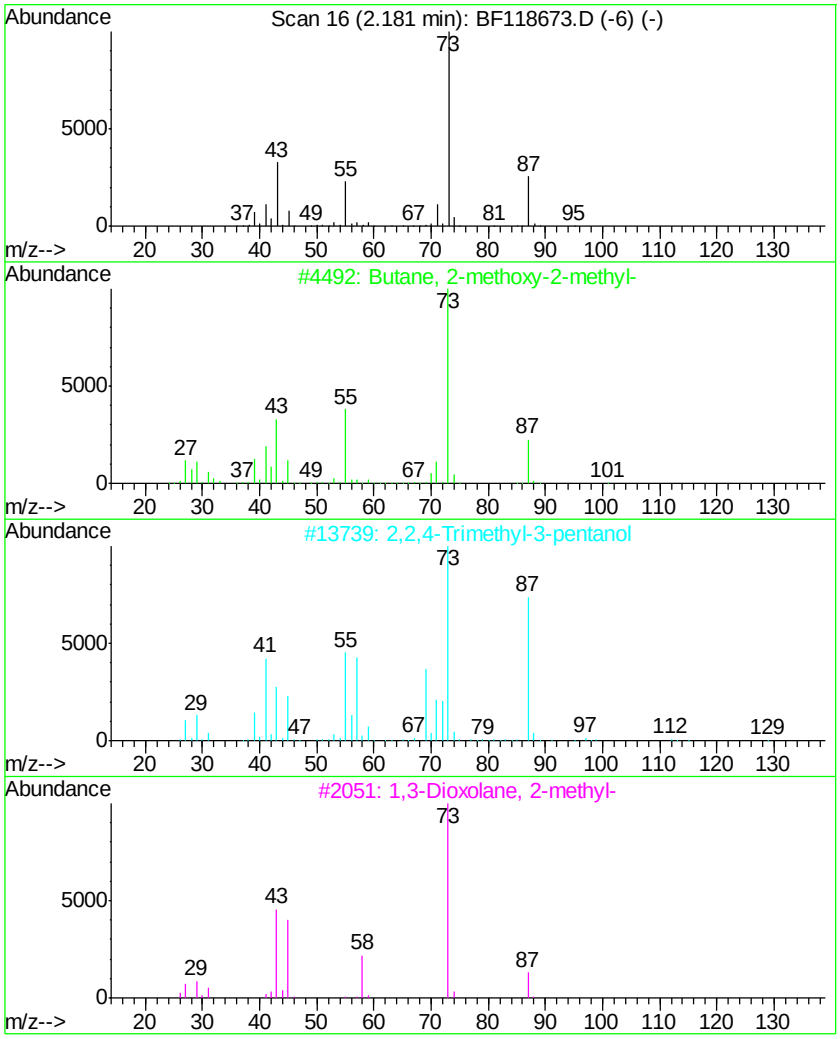
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

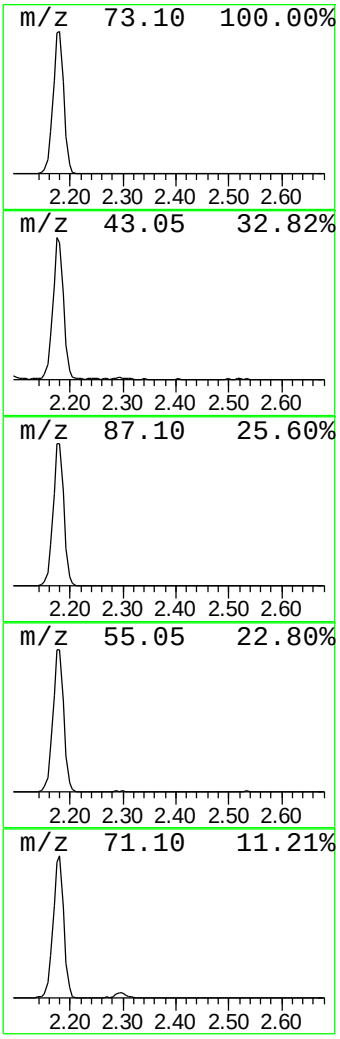
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	23.49 ng	2439790	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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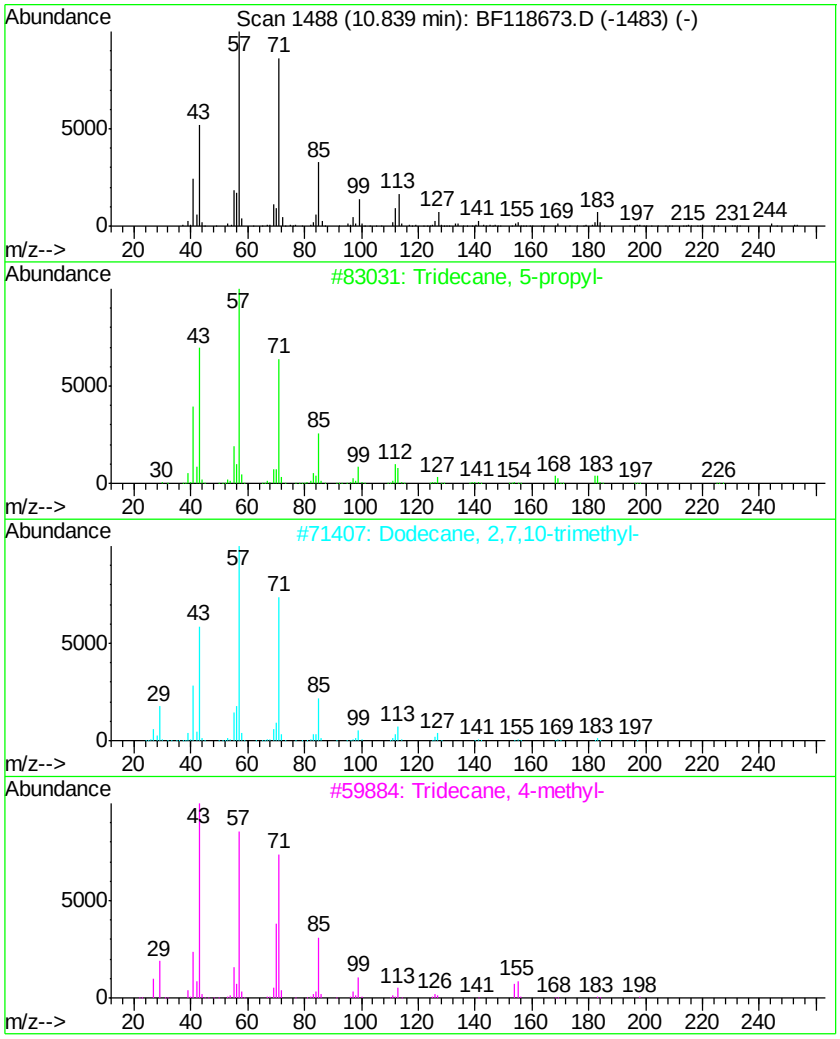
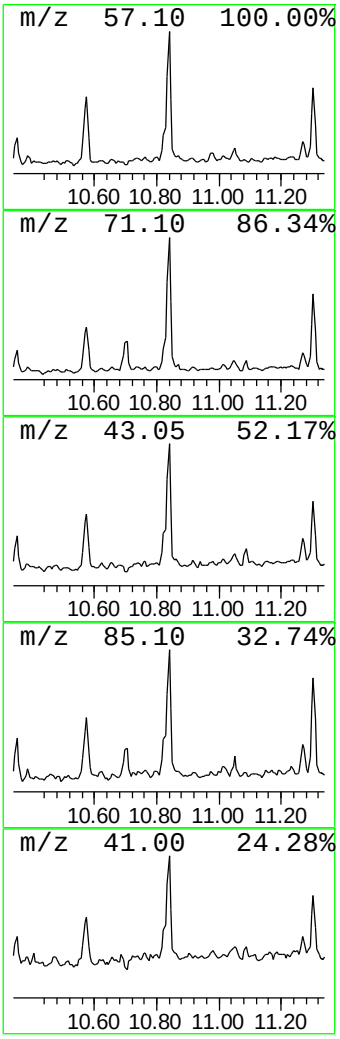
Peak Number 3 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	3.51 ng	506898	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	74
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

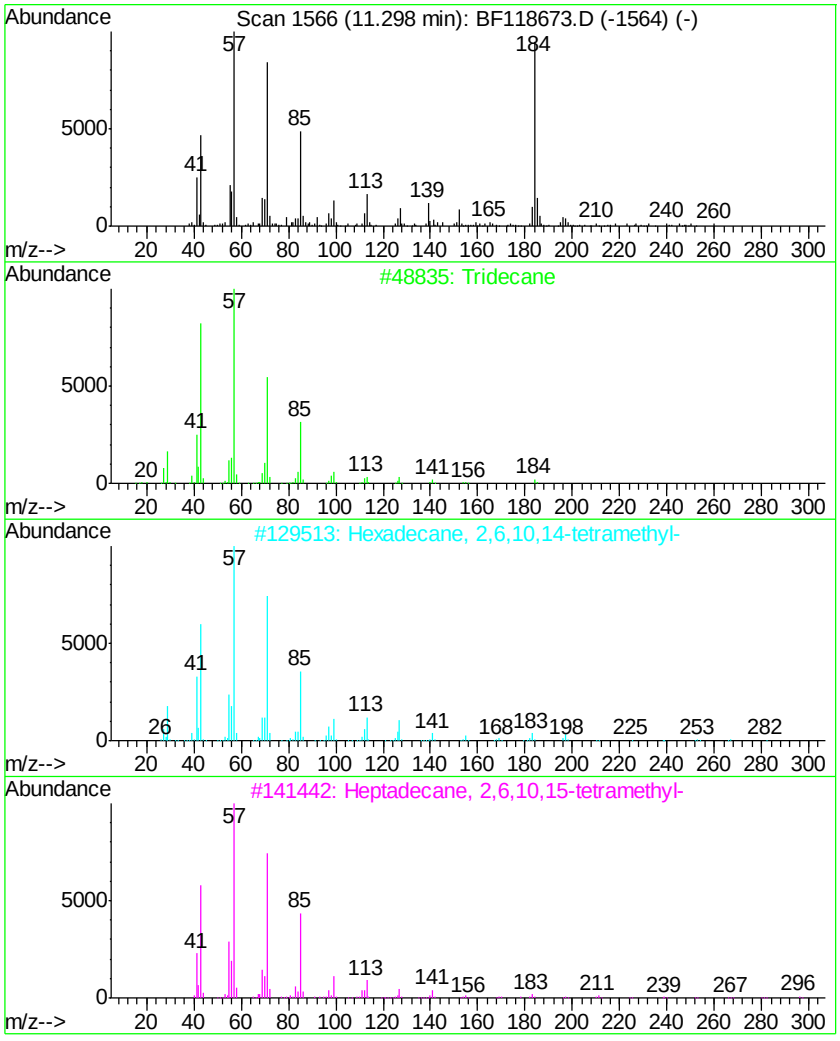
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

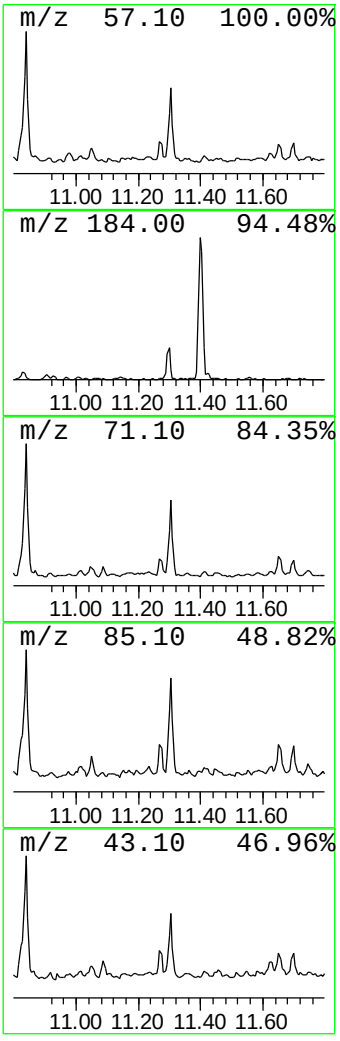
****

Peak Number 4 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	2.52 ng	364107	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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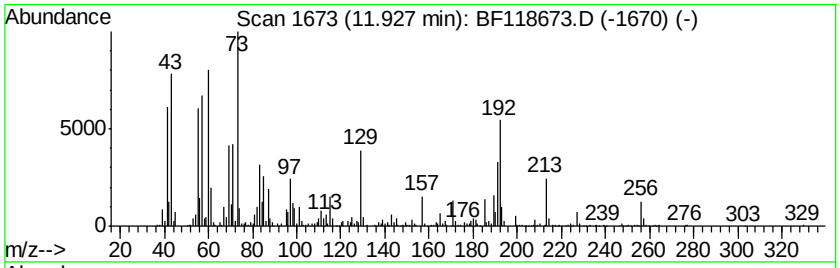
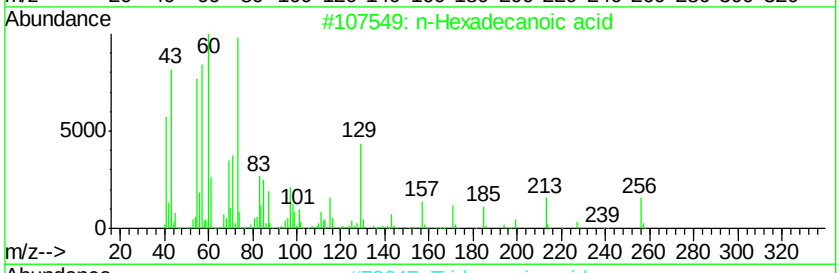
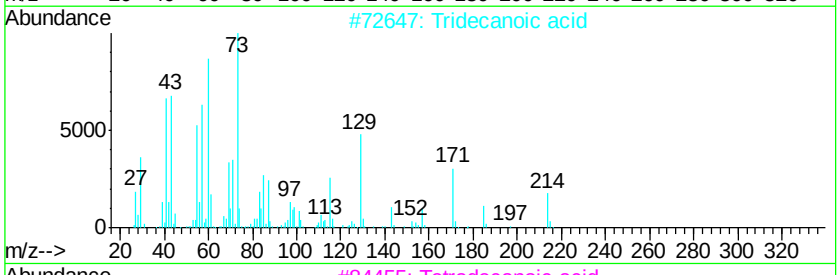
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

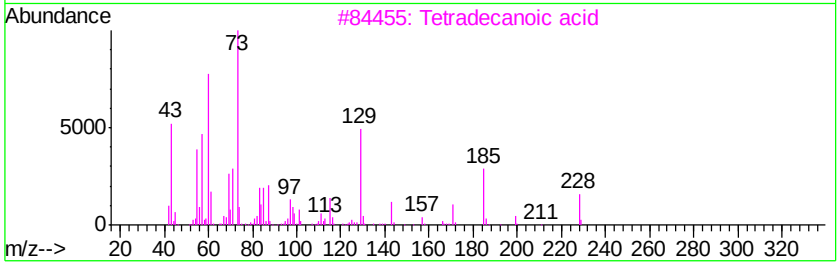
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.02 ng	580347	Phenanthrene-d10	11.40

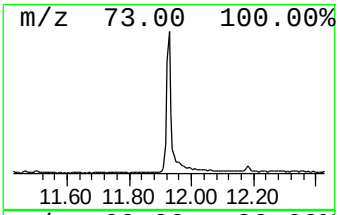
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64

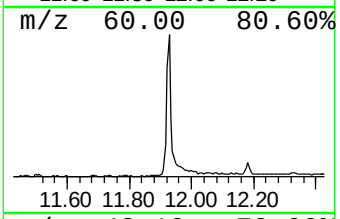


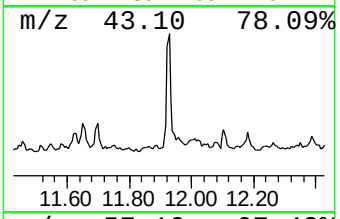


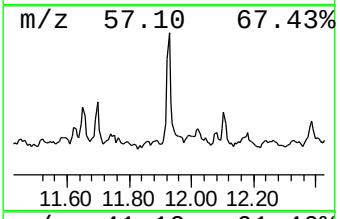


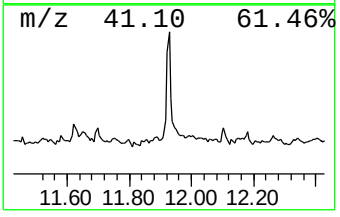












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

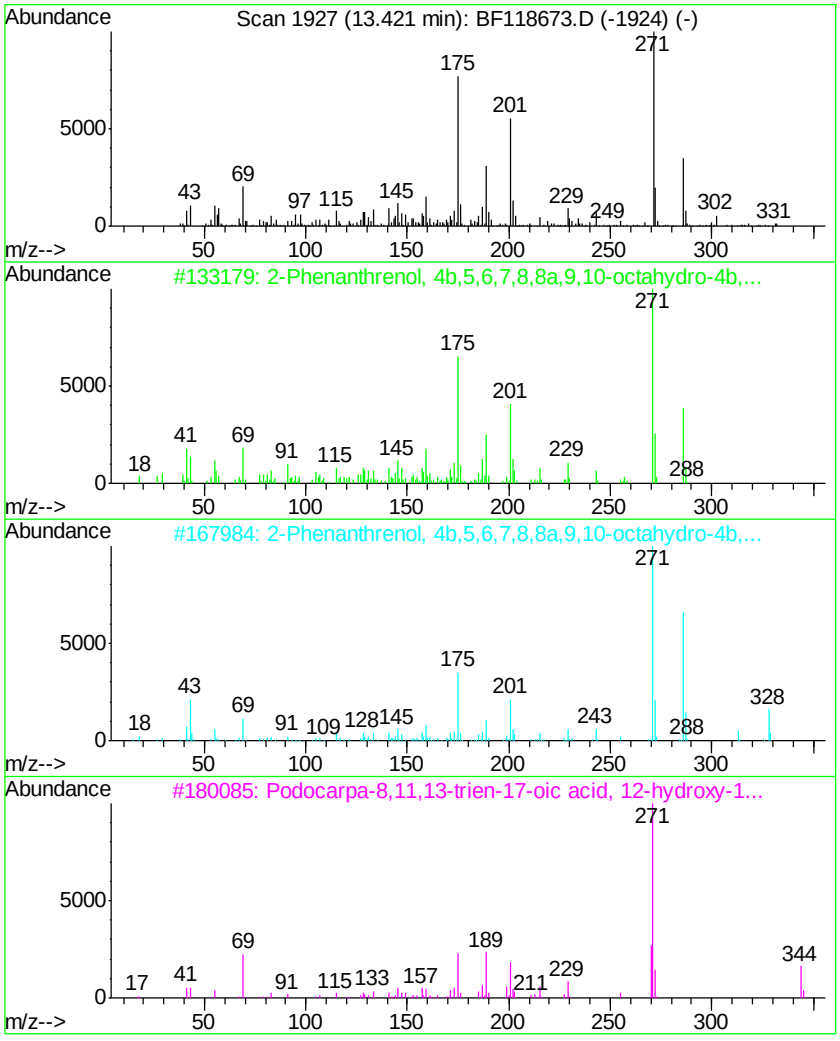
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

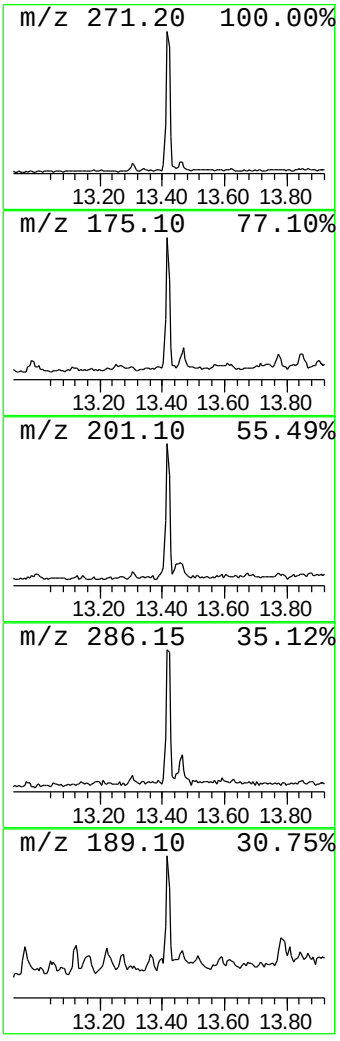
****

Peak Number 6 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	3.00 ng	378041	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	70
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	43
3	Podocarpa-8,11,13-trien-17-oic a...	344	C22H32O3	024067-43-4	43
4	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	35
5	Benz(a)acridine, 9,10,12-trimethyl-	271	C20H17N	063040-02-8	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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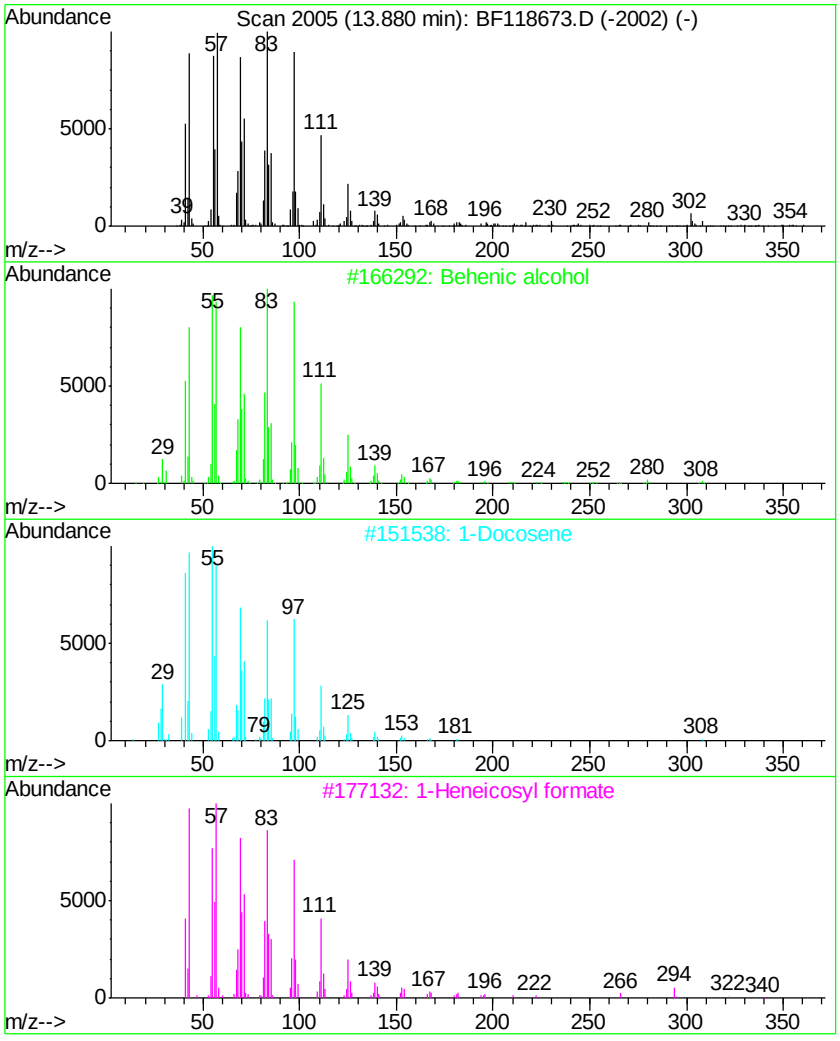
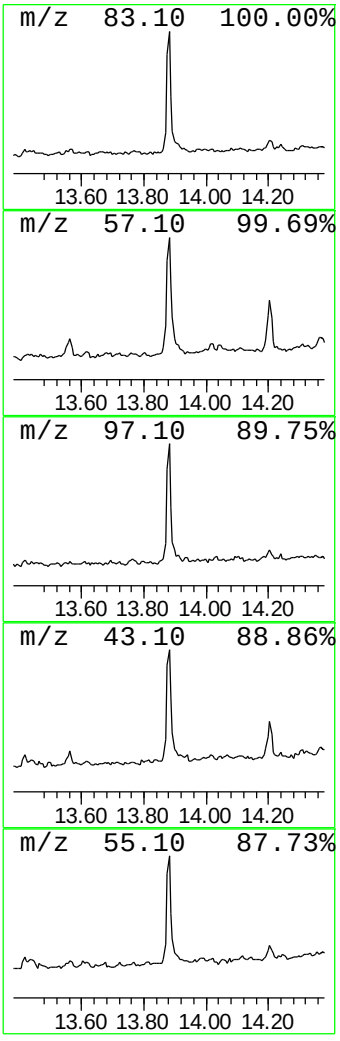
Peak Number 7 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	8.47 ng	1065960	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Docosene	308	C22H44	001599-67-3	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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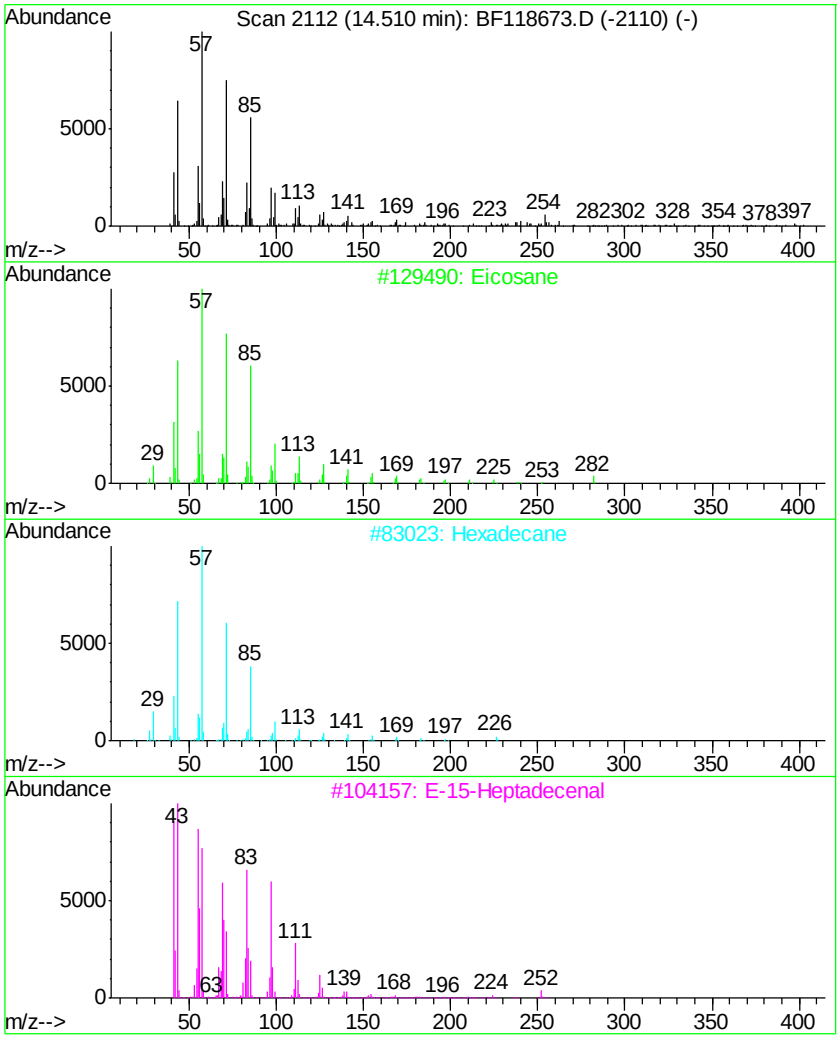
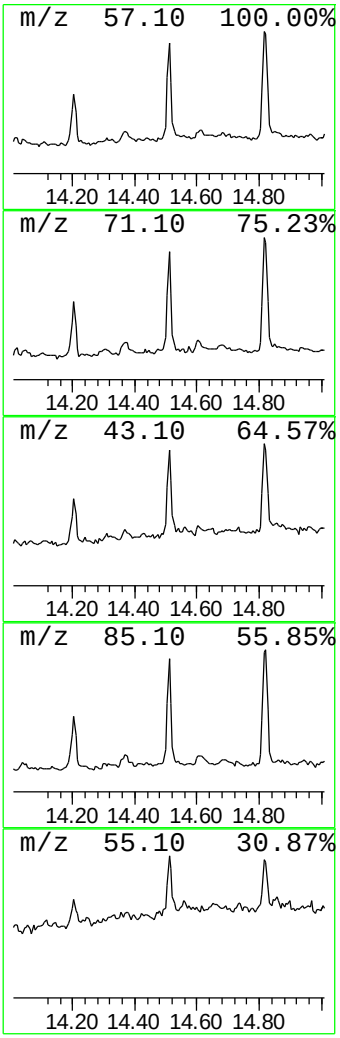
Peak Number 8 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.36 ng	296537	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexadecane	226	C16H34	000544-76-3	94
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
4	1-Octadecene	252	C18H36	000112-88-9	91
5	Tritetracontane	605	C43H88	007098-21-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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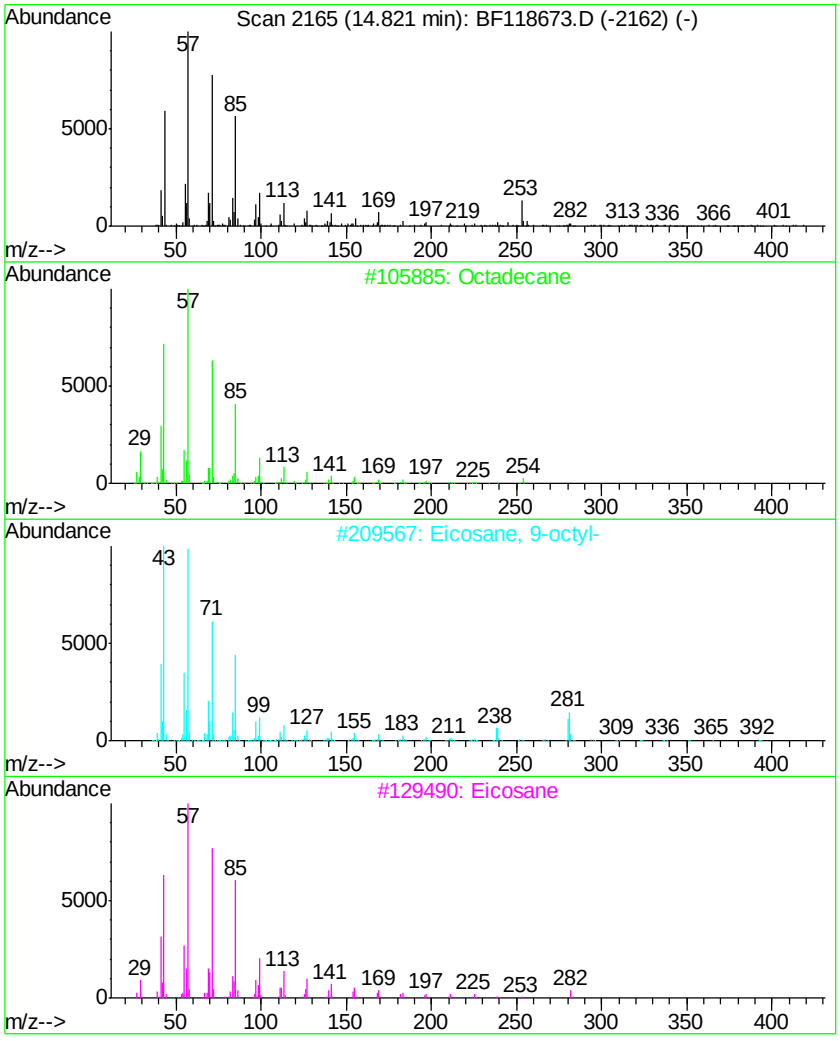
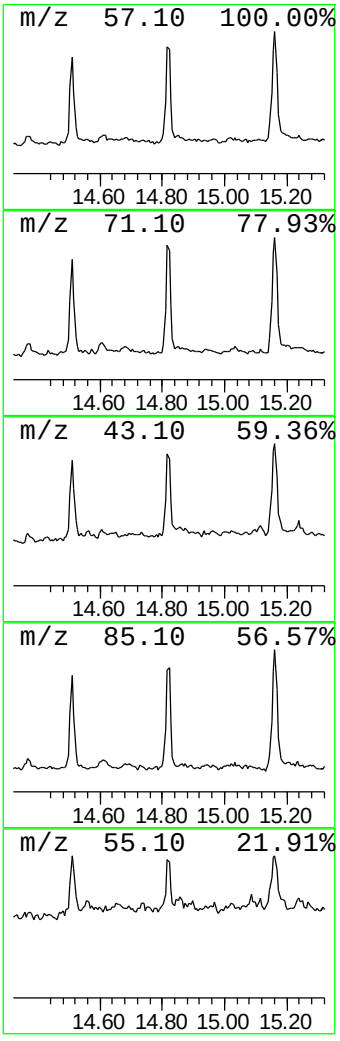
Peak Number 9 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.12 ng	365024	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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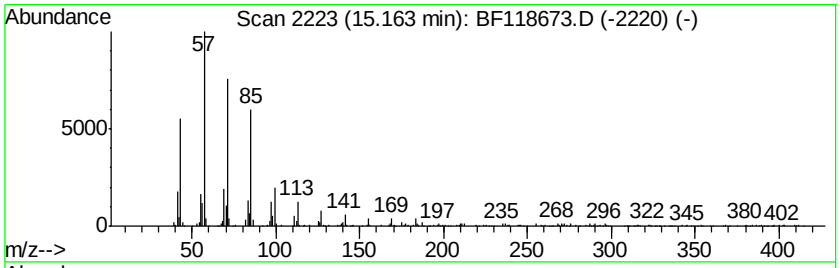
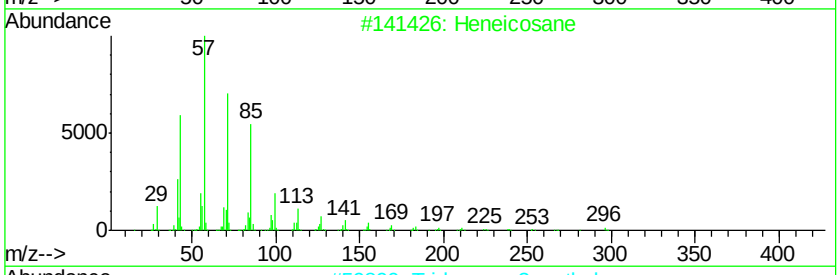
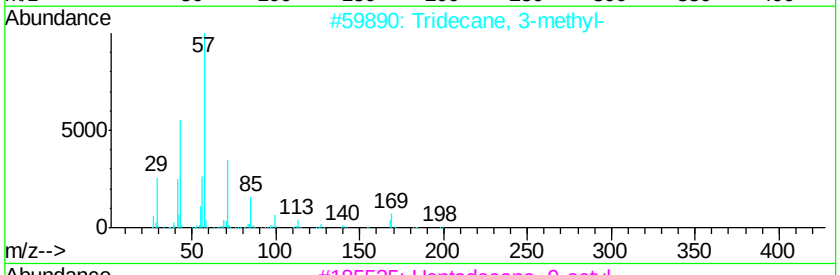
Peak Number 10 Heneicosane Concentration Rank 4

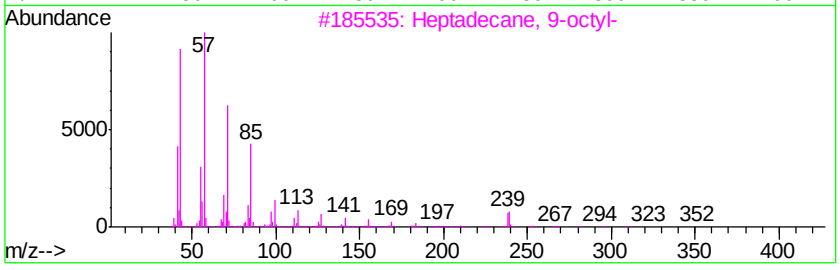
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.95 ng	579416	Perylene-d12	15.51

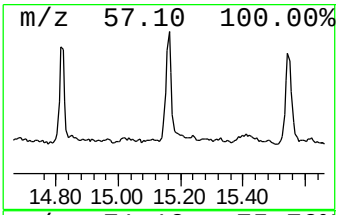
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91

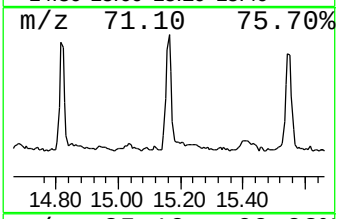


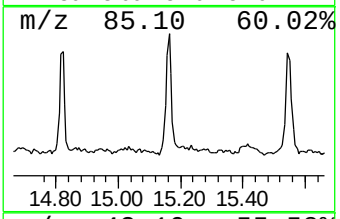


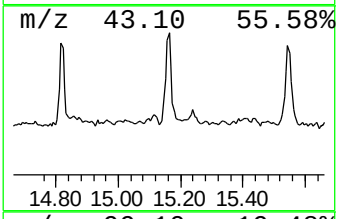


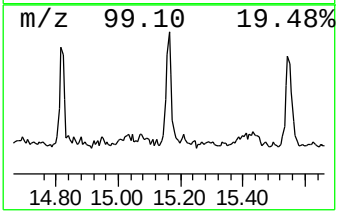












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
Butane, 2-methoxy...	2.18	23.5	ng	2439790	1	6.88	2077550	20.0
Tridecane, 5-propyl-	10.84	3.5	ng	506898	4	11.40	2884860	20.0
Tridecane	11.30	2.5	ng	364107	4	11.40	2884860	20.0
n-Hexadecanoic acid	11.93	4.0	ng	580347	4	11.40	2884860	20.0
2-Phenanthrenol, ...	13.42	3.0	ng	378041	5	14.04	2516520	20.0
Behenic alcohol	13.88	8.5	ng	1065960	5	14.04	2516520	20.0
Eicosane	14.51	2.4	ng	296537	5	14.04	2516520	20.0
Octadecane	14.82	3.1	ng	365024	6	15.51	2342720	20.0
Heneicosane	15.16	5.0	ng	579416	6	15.51	2342720	20.0