LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041720\
Data File : BF120057.D
Acq On : 17 Apr 2020 14:20
Operator : MA/SJ
Sample : L2245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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	5.334	546	552	555	rBV	4879573	5699148	91.81%	12.193%
2	6.375	722	729	731	rBV	4194440	5692095	91.69%	12.178%
3	6.728	785	789	792	rBV	1276837	1128030	18.17%	2.413%
4	6.887	811	816	819	rBV	4980401	4635468	74.67%	9.917%
5	7.298	874	886	889	rBV	3680523	3764273	60.64%	8.054%
6	8.010	1002	1007	1010	rBV	1774006	1428704	23.01%	3.057%
7	8.422	1075	1077	1079	rBV	158043	126741	2.04%	0.271%
8	9.039	1178	1182	1186	rBV2	131408	139656	2.25%	0.299%
9	9.092	1186	1191	1194	rBV	6103686	6207763	100.00%	13.281%
10	9.486	1254	1258	1262	rBV2	331714	420248	6.77%	0.899%
11	9.769	1299	1306	1309	rBV	1692156	1454767	23.43%	3.112%
12	9.875	1320	1324	1328	rVB	74987	101676	1.64%	0.218%
13	9.969	1337	1340	1343	rVB	137095	117270	1.89%	0.251%
14	10.010	1344	1347	1349	rBV	91178	66966	1.08%	0.143%
15	10.086	1357	1360	1362	rBV	106735	100887	1.63%	0.216%
16	10.428	1415	1418	1422	rVB	239737	197710	3.18%	0.423%
17	10.469	1423	1425	1431	rVB4	52701	88626	1.43%	0.190%
18	10.563	1435	1441	1444	rVV	3130642	3047503	49.09%	6.520%
19	10.592	1444	1446	1452	rVB4	60433	84650	1.36%	0.181%
20	10.692	1459	1463	1469	rVB	388293	394947	6.36%	0.845%
21	10.892	1494	1497	1500	rBV2	95217	101372	1.63%	0.217%
22	11.157	1539	1542	1547	rVB	205807	214881	3.46%	0.460%
23	11.251	1555	1558	1561	rBV	1174660	1091322	17.58%	2.335%
24	11.275	1561	1562	1566	rVB	112663	73196	1.18%	0.157%
25	11.792	1646	1650	1654	rBV2	626824	642507	10.35%	1.375%
26	12.463	1761	1764	1768	rBV	103414	123592	1.99%	0.264%
27	12.574	1780	1783	1788	rBV	253018	242910	3.91%	0.520%
28	12.692	1801	1803	1806	rVB	87922	64595	1.04%	0.138%
29	12.845	1824	1829	1832	rBV	4149861	3957493	63.75%	8.467%
30	13.080	1867	1869	1873	rVB2	62018	62537	1.01%	0.134%
31	13.421	1924	1927	1931	rVB	72610	63564	1.02%	0.136%
32	13.751	1979	1983	1992	rVB	318424	382146	6.16%	0.818%
33	13.892	2003	2007	2010	rBV	915257	876666	14.12%	1.876%
34	14.068	2034	2037	2041	rBV	131685	121234	1.95%	0.259%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041720\
Data File : BF120057.D
Acq On : 17 Apr 2020 14:20
Operator : MA/SJ
Sample : L2245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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

35	14.374	2086	2089	2094	rBV2	138387	153077	2.47%	0.328%
36	14.674	2137	2140	2143	rVB	125358	117985	1.90%	0.252%
37	14.886	2167	2176	2177	rBV3	278101	598398	9.64%	1.280%
38	14.992	2191	2194	2199	rBV	118642	133465	2.15%	0.286%
39	15.321	2245	2250	2253	rVV	631071	730632	11.77%	1.563%
40	15.357	2253	2256	2261	rVB2	116625	155434	2.50%	0.333%
41	15.498	2270	2280	2291	rVB5	474662	1718725	27.69%	3.677%
42	15.774	2323	2327	2330	rVB2	62378	83015	1.34%	0.178%
43	16.998	2533	2535	2545	rVB2	35471	63537	1.02%	0.136%
44	17.792	2668	2670	2678	rVB9	29543	71209	1.15%	0.152%

Sum of corrected areas: 46740620

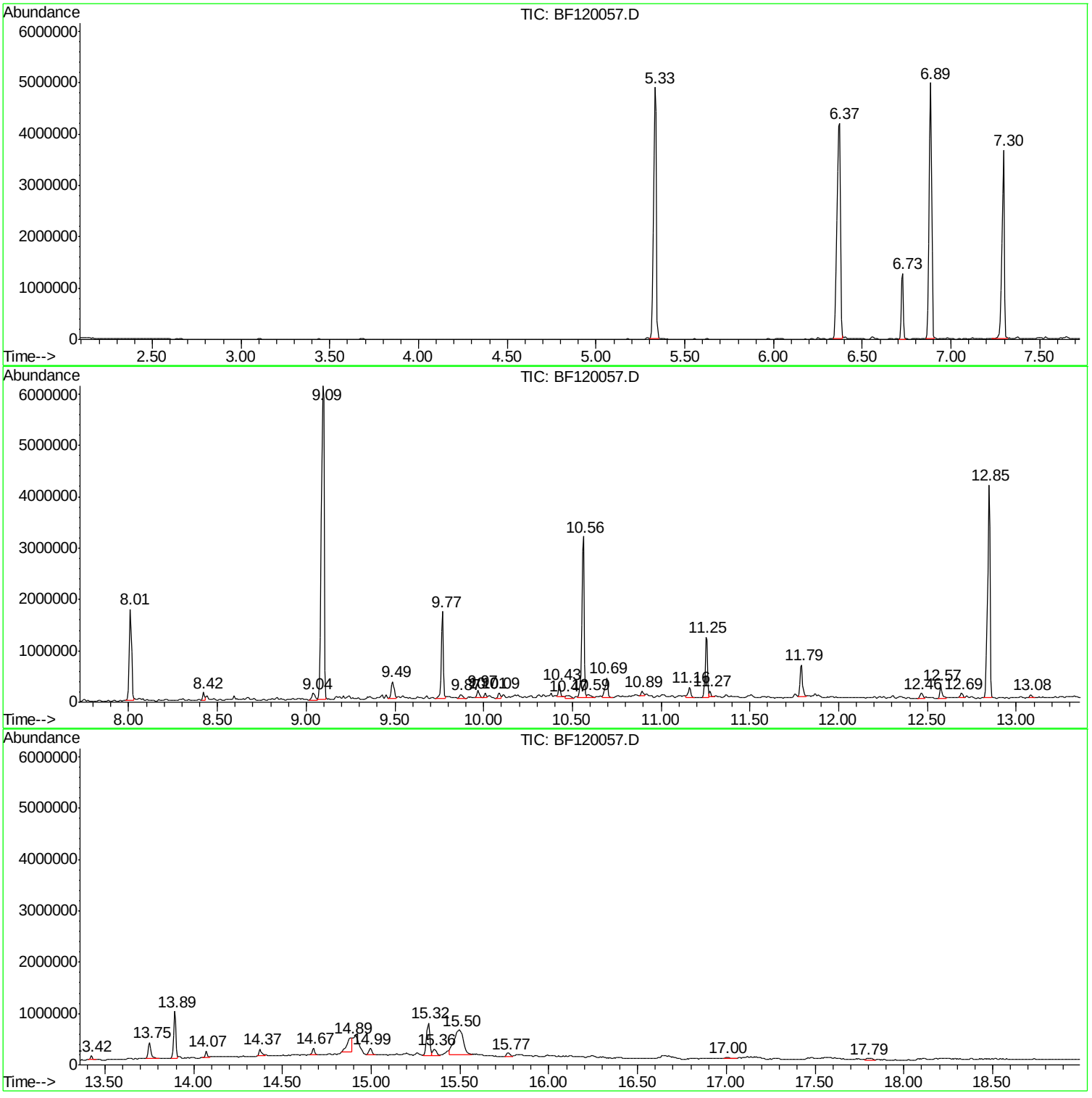
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041720\
Data File : BF120057.D
Acq On : 17 Apr 2020 14:20
Operator : MA/SJ
Sample : L2245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041720\
Data File : BF120057.D
Acq On : 17 Apr 2020 14:20
Operator : MA/SJ
Sample : L2245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

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

****

Peak Number 1 1,4-Dichlorobenzene-D4 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	82.19 ng	4635470	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	97
2	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	94
3	Benzenamine, N,N-dimethyl-4-nitr...	150	C8H10N2O	000138-89-6	12
4	2-Cyclohexene-1,4-dione, 5,6-dic...	370	C15H12Cl2N2O5	324051-46-9	10
5	Pyridine, 4-(2-nitrovinyl)-	150	C7H6N2O2	1000303-66-6	10

****

Peak Number 2 Z-2-Tridecen-1-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.72 ng	197710	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	90
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	83
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68
4	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	59
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53

****

Peak Number 3 Tridecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	7.24 ng	394947	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	87
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	83
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72

****

Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041720\
Data File : BF120057.D
Acq On : 17 Apr 2020 14:20
Operator : MA/SJ
Sample : L2245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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

11.16	3.94 ng	214881	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Tetracosane	338	C24H50	000646-31-1	72

****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	11.77 ng	642507	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	62

****

Peak Number 6 Fluoranthene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.27 ng	123592	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	87
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	83
4	l-Leucine, N-methyl-N-(2-methoxy...	415	C23H45NO5	1000328-54-7	42
5	l-Leucyl-l-leucine, N,N'-dimethy...	528	C29H56N2O6	1000328-59-7	42

****

Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.54 ng	242910	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041720\
Data File : BF120057.D
Acq On : 17 Apr 2020 14:20
Operator : MA/SJ
Sample : L2245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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

1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59

****

Peak Number 8 Octacosyl trifluoroacetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	8.72 ng	382146	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91

****

Peak Number 9 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.77 ng	121234	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptacosane	380	C27H56	000593-49-7	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83

****

Peak Number 10 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.49 ng	153077	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	91
3	Nonadecane	268	C19H40	000629-92-5	87

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041720\
Data File : BF120057.D
Acq On : 17 Apr 2020 14:20
Operator : MA/SJ
Sample : L2245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

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

4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6 87
5	Hentriacontane	437	C31H64	000630-04-6 83

****

Peak Number 11 Nonadecane, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.23 ng	117985	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
2	1-Iodoundecane	282	C11H23I	004282-44-4	81
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
4	Nonadecane	268	C19H40	000629-92-5	76
5	Eicosane	282	C20H42	000112-95-8	72

****

Peak Number 12 Pyrazole-4-carboxaldehyde, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	16.38 ng	598398	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	35
2	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	35
3	Acetic acid, 2-(2-propyl-1-benzi...	218	C12H14N2O2	331736-92-6	25
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25
5	Propanenitrile, 3-(trichlorosilyl)-	187	C3H4Cl3NSi	001071-22-3	22

****

Peak Number 13 Pentacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.65 ng	133465	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	89
2	Nonadecane	268	C19H40	000629-92-5	83
3	Hexadecane	226	C16H34	000544-76-3	81
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	80
5	Heneicosane	296	C21H44	000629-94-7	80

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041720\
Data File : BF120057.D
Acq On : 17 Apr 2020 14:20
Operator : MA/SJ
Sample : L2245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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

****

Peak Number 14 Bicyclo[6.3.0]undec-1(8)-en... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	47.05 ng	1718730	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[6.3.0]undec-1(8)-en-3-ol...	222	C15H26O	1000164-02-6	25
2	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	25
3	Sesquirosefuran	218	C15H22O	039007-93-7	25
4	Coumarin, 7-hydroxy-4-methyl-3-p...	218	C13H14O3	019491-93-1	20
5	(-)-1,2,2.alpha.,3,3,4,6,7,8,8.a...	204	C15H24	1000365-86-7	18

****

Peak Number 15 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.27 ng	83015	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Eicosane	282	C20H42	000112-95-8	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Nonadecane	268	C19H40	000629-92-5	80
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80

Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041720\
Data File : BF120057.D
Acq On : 17 Apr 2020 14:20
Operator : MA/SJ
Sample : L2245-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

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
1,4-Dichlorobenze...	6.89	82.2	ng	4635470	1	6.73	1128030	20.0
Z-2-Tridecen-1-ol	10.43	2.7	ng	197710	3	9.77	1454770	20.0
Tridecane, 2-methyl-	10.69	7.2	ng	394947	4	11.25	1091320	20.0
Hexadecane	11.16	3.9	ng	214881	4	11.25	1091320	20.0
n-Hexadecanoic acid	11.79	11.8	ng	642507	4	11.25	1091320	20.0
Fluoranthene	12.46	2.3	ng	123592	4	11.25	1091320	20.0
Octadecanoic acid	12.57	5.5	ng	242910	5	13.89	876666	20.0
Octacosyl trifluo...	13.75	8.7	ng	382146	5	13.89	876666	20.0
Hexadecane	14.07	2.8	ng	121234	5	13.89	876666	20.0
Eicosane	14.37	3.5	ng	153077	5	13.89	876666	20.0
Nonadecane, 9-met...	14.67	3.2	ng	117985	6	15.32	730632	20.0
Pyrazole-4-carbox...	14.89	16.4	ng	598398	6	15.32	730632	20.0
Pentacosane	14.99	3.7	ng	133465	6	15.32	730632	20.0
Bicyclo[6.3.0]und...	15.50	47.0	ng	1718730	6	15.32	730632	20.0
Heneicosane	15.77	2.3	ng	83015	6	15.32	730632	20.0