LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116119.D
Acq On : 9 Aug 2019 18:24
Operator : HP/JU
Sample : K4241-01
Misc :
ALS Vial : 4 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-BF073019.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	2.152	3	11	30	rVB	1461569	2197919	51.87%	6.075%
2	5.469	571	575	599	rBV	2924227	3322424	78.40%	9.183%
3	6.481	742	747	765	rBV	3086965	3549149	83.75%	9.810%
4	6.616	765	770	773	rBV	3381307	3431967	80.99%	9.486%
5	6.840	804	808	818	rVB	843831	775190	18.29%	2.143%
6	6.993	830	834	849	rBV	2915038	2849028	67.23%	7.875%
7	7.398	899	903	923	rBV	2054929	2372539	55.99%	6.558%
8	8.116	1022	1025	1046	rVB	919097	984709	23.24%	2.722%
9	9.192	1203	1208	1220	rBV	4110683	4091327	96.55%	11.309%
10	9.304	1224	1227	1239	rVB2	38859	61360	1.45%	0.170%
11	9.586	1271	1275	1290	rBV	360256	419943	9.91%	1.161%
12	9.869	1319	1323	1337	rBV	1235845	1148620	27.11%	3.175%
13	10.663	1454	1458	1474	rBV	1884544	2157138	50.91%	5.962%
14	11.357	1573	1576	1585	rBV	1135196	1169837	27.61%	3.233%
15	11.428	1585	1588	1597	rVB	45141	57987	1.37%	0.160%
16	12.939	1840	1845	1856	rBV	4008023	4237539	100.00%	11.713%
17	13.851	1994	2000	2017	rBV3	89541	304988	7.20%	0.843%
18	13.998	2022	2025	2038	rVB	841027	993862	23.45%	2.747%
19	14.451	2098	2102	2106	rBV2	51072	50301	1.19%	0.139%
20	14.751	2150	2153	2161	rVB	88880	95550	2.25%	0.264%
21	14.827	2162	2166	2173	rVB	99407	98523	2.33%	0.272%
22	15.086	2205	2210	2217	rVB	142537	167509	3.95%	0.463%
23	15.463	2267	2274	2295	rBV2	655101	1110352	26.20%	3.069%
24	15.886	2339	2346	2354	rBV	166294	271853	6.42%	0.751%
25	16.380	2423	2430	2442	rBV	92907	191850	4.53%	0.530%
26	16.957	2522	2528	2537	rBV2	30498	67416	1.59%	0.186%

Sum of corrected areas: 36178880

LSC Report - Integrated Chromatogram

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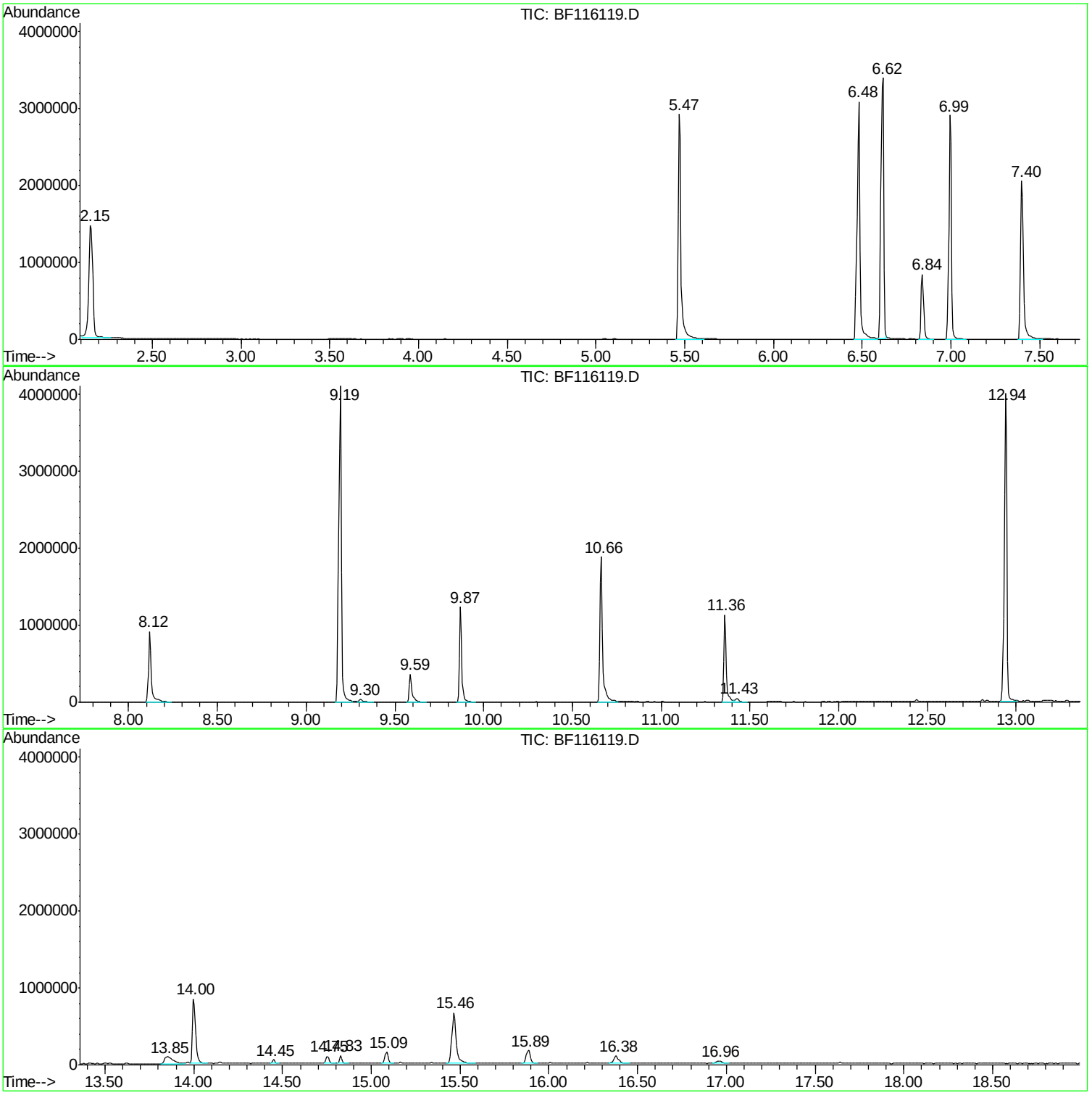
Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	56.71 ng	2197920	1,4-Dichlorobenzene-d4	6.84

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

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Peak Number 2 1,3-Cyclopentanedione, 2-ch... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	88.55 ng	3431970	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	47
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12

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Peak Number 3 1,4-Dichlorobenzene-D4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	73.51 ng	2849030	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	94
2	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	94
3	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	38
4	9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	38
5	2-Bromo-2'-nitroacetophenone	243	C8H6BrNO3	006851-99-6	12

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Peak Number 4 Octacosanol Concentration Rank 4

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

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Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.14 ng	304988	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91

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Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.02 ng	167509	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	90

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Peak Number 6 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	4.90 ng	271853	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90

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Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	3.46 ng	191850	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

1	Eicosane	282	C20H42	000112-95-8	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tetratetracontane	619	C44H90	007098-22-8	90

Tentatively Identified Compound (LSC) summary

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Sample : K4241-01
Misc :
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Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.15	56.7	ng	2197920	1	6.84	775190	20.0
1,3-Cyclopentaned...	6.62	88.5	ng	3431970	1	6.84	775190	20.0
1,4-Dichlorobenze...	6.99	73.5	ng	2849030	1	6.84	775190	20.0
Octacosanol	13.85	6.1	ng	304988	5	14.00	993862	20.0
Heneicosane	15.09	3.0	ng	167509	6	15.47	1110350	20.0
2-methyloctacosane	15.89	4.9	ng	271853	6	15.47	1110350	20.0
Eicosane	16.38	3.5	ng	191850	6	15.47	1110350	20.0