LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114559.D
Acq On : 24 May 2019 10:16
Operator : JU/SJ
Sample : PB119776BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119776BL

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-BF051019.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	11	15	21	rVB	46522	68491	1.12%	0.140%
2	5.457	569	573	593	rBV	4791410	4970532	81.50%	10.150%
3	6.463	739	744	747	rBV	4559817	5042965	82.68%	10.298%
4	6.592	761	766	769	rBV	5317479	4958090	81.29%	10.125%
5	6.810	800	803	815	rVB	1099026	1024550	16.80%	2.092%
6	6.969	826	830	844	rBV	4338763	3981650	65.28%	8.131%
7	7.375	894	899	922	rBV	2910830	3374419	55.33%	6.891%
8	8.092	1017	1021	1036	rBV	1367821	1297415	21.27%	2.649%
9	9.169	1198	1204	1208	rBV	5542937	5908993	96.88%	12.067%
10	9.851	1314	1320	1333	rBV	1455957	1455189	23.86%	2.972%
11	10.645	1450	1455	1475	rBV	3489681	3562118	58.40%	7.274%
12	11.339	1569	1573	1582	rBV	1704494	1594132	26.14%	3.255%
13	12.921	1837	1842	1846	rBV	5563658	6099122	100.00%	12.455%
14	13.386	1917	1921	1925	rBV	206231	177490	2.91%	0.362%
15	13.980	2018	2022	2032	rBV	1564436	1484102	24.33%	3.031%
16	14.127	2041	2047	2050	rBV	56246	66265	1.09%	0.135%
17	14.427	2094	2098	2104	rBV	176788	186299	3.05%	0.380%
18	14.733	2144	2150	2154	rBV	336168	379685	6.23%	0.775%
19	15.062	2200	2206	2213	rBV	459470	552894	9.07%	1.129%
20	15.445	2262	2271	2281	rBV2	1055011	1895886	31.08%	3.872%
21	15.857	2335	2341	2348	rBV	305646	489188	8.02%	0.999%
22	16.351	2418	2425	2431	rBV	156176	291944	4.79%	0.596%
23	16.921	2517	2522	2530	rVB3	50341	108429	1.78%	0.221%

Sum of corrected areas: 48969848

LSC Report - Integrated Chromatogram

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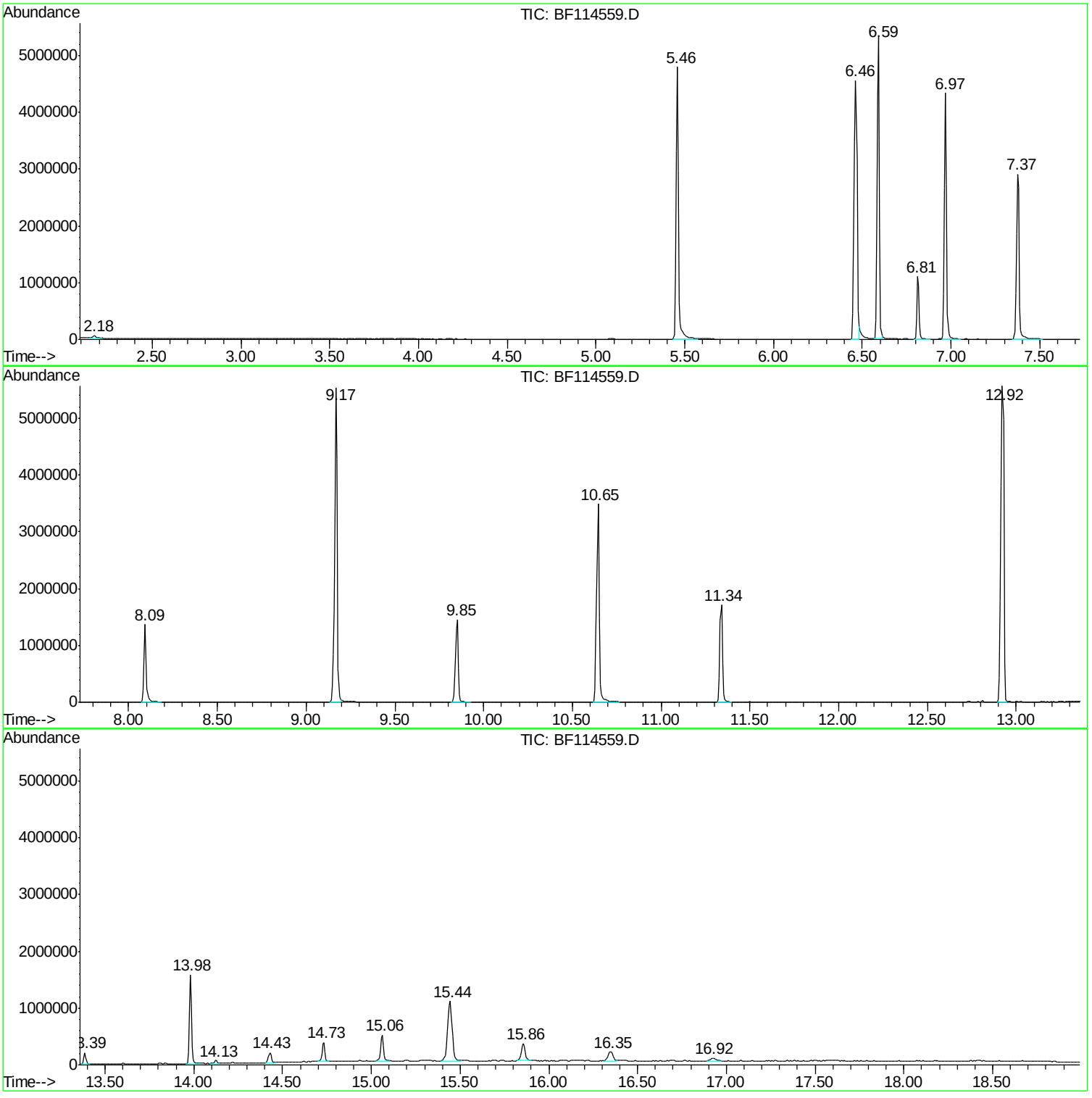
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119776BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	96.79 ng	4958090	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9

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Peak Number 2 Cyclodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.39 ng	177490	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	64
2	1-Decene	140	C10H20	000872-05-9	55
3	5-Bromovaleric acid, decyl ester	320	C15H29BrO2	175083-30-4	38
4	1-Pentadecene	210	C15H30	013360-61-7	35
5	2- Chloropropionic acid, decyl e...	248	C13H25ClO2	086711-78-6	35

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Peak Number 3 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.51 ng	186299	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Pentadecane	212	C15H32	000629-62-9	83
5	Heneicosane	296	C21H44	000629-94-7	81

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Peak Number 4 Heptacosane Concentration Rank 5

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

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Operator : JU/SJ
Sample : PB119776BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119776BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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.
14.73	4.01 ng	379685	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	91

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Peak Number 5 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	5.83 ng	552894	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	Octacosane	394	C28H58	000630-02-4	90

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Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	5.16 ng	489188	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Docosane	310	C22H46	000629-97-0	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	90

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Peak Number 7 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	3.08 ng	291944	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Library Search Compound Report

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Acq On : 24 May 2019 10:16
Operator : JU/SJ
Sample : PB119776BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119776BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Docosane	310	C22H46	000629-97-0	87

Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052419\
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Operator : JU/SJ
Sample : PB119776BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119776BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.59	6.59	96.8	ng	4958090	1	6.81	1024550	20.0
Cyclodecane	13.39	2.4	ng	177490	5	13.98	1484100	20.0
Tricosane	14.43	2.5	ng	186299	5	13.98	1484100	20.0
Heptacosane	14.73	4.0	ng	379685	6	15.44	1895890	20.0
Hexacosane	15.06	5.8	ng	552894	6	15.44	1895890	20.0
Heneicosane	15.86	5.2	ng	489188	6	15.44	1895890	20.0
Octacosane	16.35	3.1	ng	291944	6	15.44	1895890	20.0