LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118046.D
Acq On : 27 Nov 2019 17:42
Operator : JU
Sample : K5959-06 2X
Misc :
ALS Vial : 11 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-BF111319.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	4.457	400	403	410	rBV	25300	32718	2.16%	0.185%
2	5.075	504	508	514	rBV	201795	208628	13.76%	1.178%
3	5.487	574	578	588	rBV	1080064	1028365	67.84%	5.807%
4	6.504	747	751	759	rBV	1380164	1157503	76.35%	6.536%
5	6.645	772	775	779	rBV	1372781	1221259	80.56%	6.896%
6	6.716	783	787	790	rBV	21131	22018	1.45%	0.124%
7	6.881	812	815	819	rBV	1021901	818926	54.02%	4.624%
8	7.039	838	842	845	rBV	1249272	999664	65.94%	5.645%
9	7.439	907	910	915	rBV	830103	721549	47.60%	4.075%
10	7.739	959	961	965	rBV	44080	38129	2.52%	0.215%
11	8.169	1031	1034	1037	rBV	1319235	1041369	68.69%	5.881%
12	8.192	1037	1038	1041	rVB	66787	35127	2.32%	0.198%
13	8.386	1066	1071	1074	rBV	26087	22318	1.47%	0.126%
14	8.445	1077	1081	1085	rBV	33539	30402	2.01%	0.172%
15	8.886	1152	1156	1161	rVB2	40066	34109	2.25%	0.193%
16	8.986	1170	1173	1178	rVB	25780	22549	1.49%	0.127%
17	9.245	1214	1217	1221	rBV	1878172	1515965	100.00%	8.561%
18	9.328	1228	1231	1233	rBV	24056	19014	1.25%	0.107%
19	9.639	1281	1284	1289	rBV	248294	195622	12.90%	1.105%
20	9.792	1308	1310	1314	rBV	41111	32523	2.15%	0.184%
21	9.857	1319	1321	1327	rVB2	22447	24496	1.62%	0.138%
22	9.933	1330	1334	1337	rVV	1513595	1186290	78.25%	6.699%
23	9.963	1337	1339	1343	rVB	25363	24239	1.60%	0.137%
24	10.133	1363	1368	1373	rVB2	26173	31865	2.10%	0.180%
25	10.363	1405	1407	1409	rVB	27013	19389	1.28%	0.109%
26	10.480	1424	1427	1435	rVB3	20178	23480	1.55%	0.133%
27	10.722	1464	1468	1475	rBV	886840	734749	48.47%	4.149%
28	10.839	1485	1488	1489	rBV2	22913	24182	1.60%	0.137%
29	11.227	1551	1554	1558	rBV	23323	21792	1.44%	0.123%
30	11.286	1561	1564	1567	rVV2	25980	27613	1.82%	0.156%
31	11.316	1567	1569	1574	rVB3	21472	26212	1.73%	0.148%
32	11.427	1584	1588	1590	rBV	1317778	1078683	71.15%	6.091%
33	11.445	1590	1591	1595	rVV	134288	116710	7.70%	0.659%
34	11.498	1595	1600	1603	rVB	46065	57830	3.81%	0.327%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.657	1622	1627	1632	rBV4	17720	30218	1.99%	0.171%
36	11.716	1634	1637	1640	rVB3	19164	19549	1.29%	0.110%
37	11.945	1670	1676	1683	rBV2	95759	169597	11.19%	0.958%
38	12.039	1689	1692	1695	rBV2	38715	42058	2.77%	0.237%
39	12.121	1703	1706	1709	rBV4	19268	24111	1.59%	0.136%
40	12.251	1726	1728	1732	rVB4	17317	19244	1.27%	0.109%
41	12.404	1752	1754	1757	rBV4	24753	25556	1.69%	0.144%
42	12.480	1764	1767	1769	rBV	51685	48876	3.22%	0.276%
43	12.510	1769	1772	1775	rVV4	33922	38929	2.57%	0.220%
44	12.563	1779	1781	1784	rVV2	22269	24261	1.60%	0.137%
45	12.645	1791	1795	1798	rBV	250329	210454	13.88%	1.188%
46	12.733	1808	1810	1814	rBV3	62943	71085	4.69%	0.401%
47	12.874	1829	1834	1841	rBV	245424	288044	19.00%	1.627%
48	13.016	1854	1858	1861	rBV	1548281	1272097	83.91%	7.183%
49	13.092	1868	1871	1874	rBV3	30058	42230	2.79%	0.238%
50	13.710	1974	1976	1980	rVB	47740	45392	2.99%	0.256%
51	13.916	2008	2011	2017	rBV4	132905	175704	11.59%	0.992%
52	14.074	2034	2038	2041	rBV2	973902	1088593	71.81%	6.147%
53	14.104	2041	2043	2045	rVB	131119	97145	6.41%	0.549%
54	15.133	2216	2218	2222	rBV	131716	173239	11.43%	0.978%
55	15.580	2290	2294	2303	rVB	745807	1207143	79.63%	6.817%

Sum of corrected areas: 17708812

LSC Report - Integrated Chromatogram

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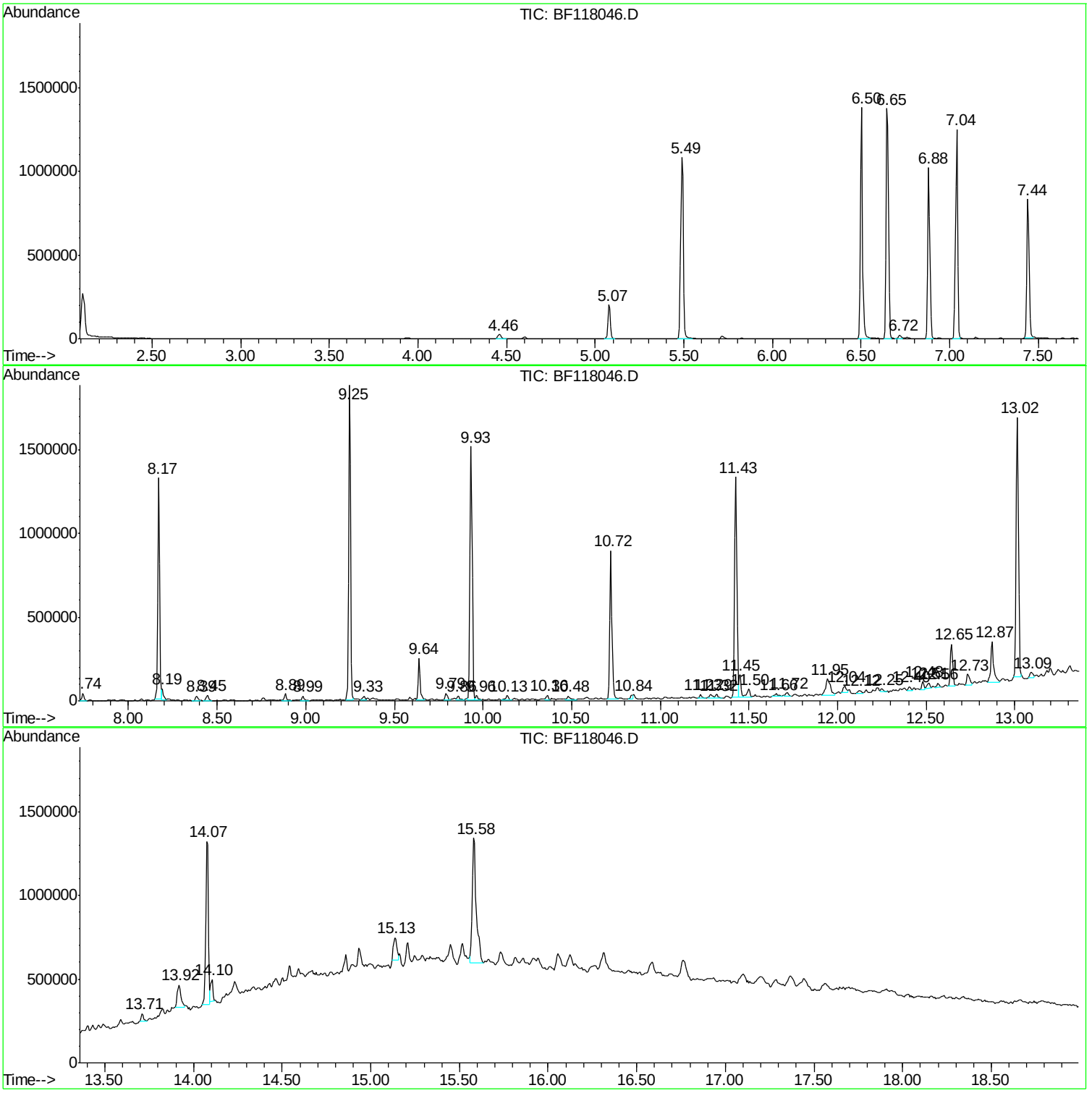
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	5.10 ng	208628	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	17

****
Peak Number 2 3-Chloro-6-fluoro-pyrazine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	29.83 ng	1221260	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	24.41 ng	999664	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	95
2	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	95
3	Benzenamine, N,N-dimethyl-4-nitr...	150	C8H10N2O	000138-89-6	32
4	9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	22
5	2-Cyclohexene-1,4-dione, 5,6-dic...	370	C15H12Cl2N2O5	324051-46-9	16

****
Peak Number 4 Tridecanoic acid Concentration Rank 6

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-BF111319.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.
11.95	3.14 ng	169597	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	81
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47

****

Peak Number 5 Fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	3.90 ng	210454	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	93
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	72
5	l-Leucyl-l-leucine, N,N'-dimethy...	430	C22H42N2O6	1000328-59-0	47

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Peak Number 6 9-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.23 ng	175704	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	64
2	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	62
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	62
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	62
5	17-Pentatriacontene	491	C35H70	006971-40-0	62

Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	5.1	ng	208628	1	6.88	818926	20.0
3-Chloro-6-fluoro...	6.65	29.8	ng	1221260	1	6.88	818926	20.0
1,2-Dichlorobenze...	7.04	24.4	ng	999664	1	6.88	818926	20.0
Tridecanoic acid	11.95	3.1	ng	169597	4	11.43	1078680	20.0
Fluoranthene	12.65	3.9	ng	210454	4	11.43	1078680	20.0
9-Eicosene, (E)-	13.92	3.2	ng	175704	5	14.08	1088590	20.0