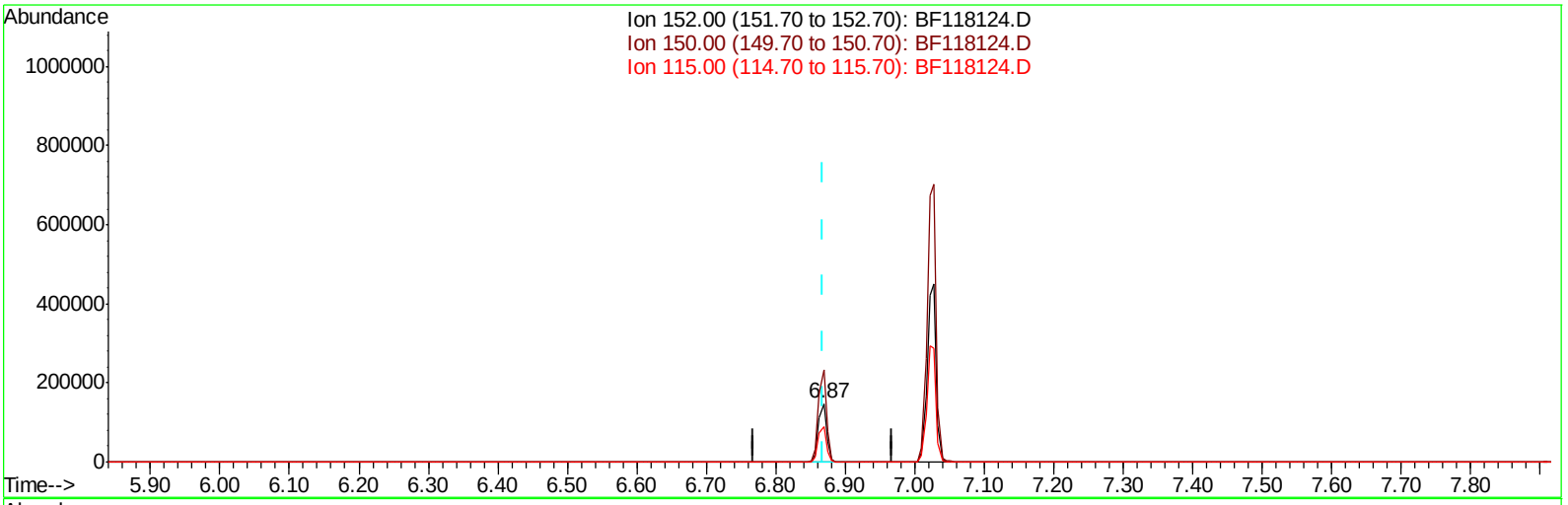
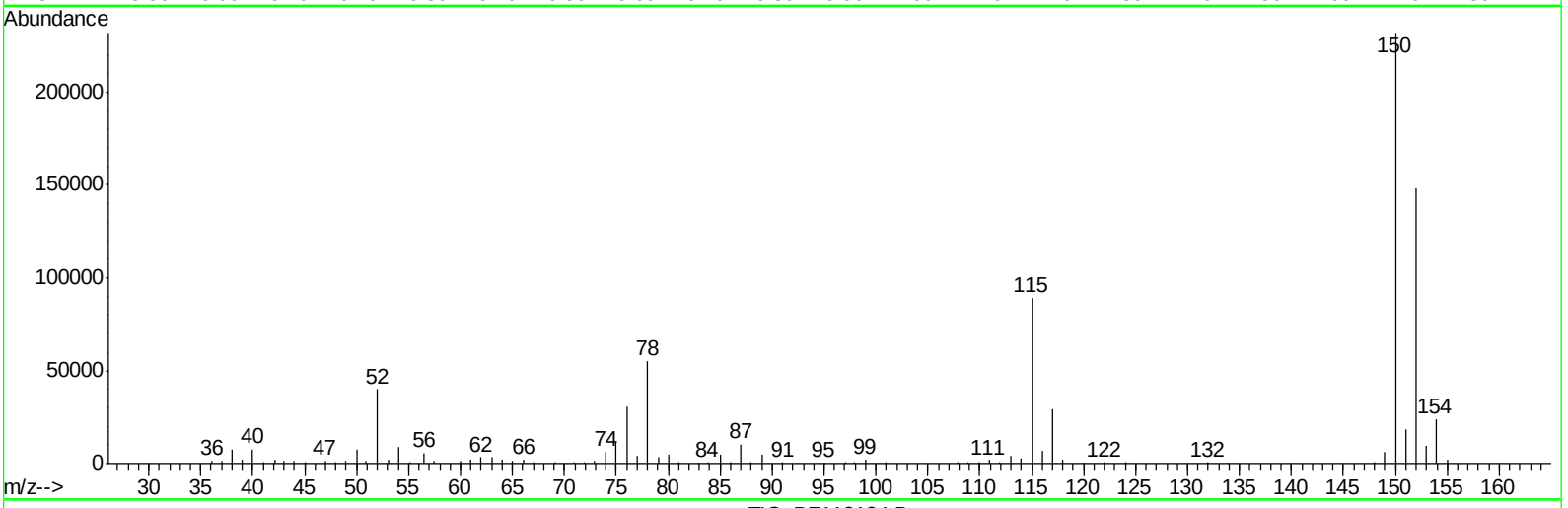
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118124.D
Acq On : 7 Dec 2019 12:59
Operator : JU
Sample : K6162-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 09 05:42:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration





TIC: BF118124.D

(1) 1,4-Dichlorobenzene-d4 (I)

6.869min (-0.000) 20.00ng

response 118990

Ion	Exp%	Act%
152.00	100	100
150.00	160.40	156.54
115.00	63.90	60.18
0.00	0.00	0.00

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 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-BF120619.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	5.069	502	507	520	rVB	361342	441658	13.98%	1.032%
2	5.481	572	577	580	rBV	2323246	2198728	69.58%	5.137%
3	6.492	744	749	752	rBV	2263114	2426915	76.80%	5.670%
4	6.634	769	773	776	rBV	3030110	2624666	83.06%	6.132%
5	6.863	809	812	820	rBV	889055	718619	22.74%	1.679%
6	7.022	835	839	842	rBV	2551505	2035137	64.40%	4.755%
7	7.116	852	855	863	rBV2	88962	95349	3.02%	0.223%
8	7.428	903	908	911	rBV	1750258	1507988	47.72%	3.523%
9	8.151	1027	1031	1034	rBV	1179558	946203	29.94%	2.211%
10	9.228	1210	1214	1218	rBV	3425052	3160016	100.00%	7.382%
11	9.569	1269	1272	1274	rBV	49358	45288	1.43%	0.106%
12	9.622	1278	1281	1289	rVB	348833	280229	8.87%	0.655%
13	9.775	1304	1307	1311	rBV	90982	89225	2.82%	0.208%
14	9.910	1327	1330	1334	rBV	1295122	1122003	35.51%	2.621%
15	9.945	1334	1336	1339	rVB2	50363	40116	1.27%	0.094%
16	10.116	1359	1365	1369	rBV	77371	76645	2.43%	0.179%
17	10.463	1420	1424	1430	rVB	123982	119980	3.80%	0.280%
18	10.616	1448	1450	1454	rBV	41573	37917	1.20%	0.089%
19	10.704	1461	1465	1472	rBV	2529736	2197093	69.53%	5.133%
20	10.816	1479	1484	1485	rBV	109409	112822	3.57%	0.264%
21	10.827	1485	1486	1489	rVV	54886	39688	1.26%	0.093%
22	10.880	1492	1495	1497	rBV	58764	59072	1.87%	0.138%
23	10.916	1497	1501	1504	rVV2	60624	70269	2.22%	0.164%
24	10.951	1504	1507	1509	rVV2	85145	81736	2.59%	0.191%
25	11.016	1513	1518	1520	rBV4	48029	77112	2.44%	0.180%
26	11.063	1523	1526	1530	rVB2	74752	77253	2.44%	0.180%
27	11.098	1530	1532	1534	rBV2	65435	49373	1.56%	0.115%
28	11.139	1537	1539	1541	rVB	53836	37242	1.18%	0.087%
29	11.210	1547	1551	1553	rBV	80752	75462	2.39%	0.176%
30	11.263	1556	1560	1564	rVV2	101448	124081	3.93%	0.290%
31	11.298	1564	1566	1571	rVB	73098	63581	2.01%	0.149%
32	11.345	1571	1574	1578	rBV3	67102	64884	2.05%	0.152%
33	11.404	1581	1584	1586	rVV	1332511	1148622	36.35%	2.683%
34	11.427	1586	1588	1591	rVV	1322677	1078776	34.14%	2.520%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.480	1595	1597	1600	rVV	140391	114613	3.63%	0.268%
36	11.633	1618	1623	1630	rBV2	124534	182777	5.78%	0.427%
37	11.698	1630	1634	1638	rVV3	49158	59970	1.90%	0.140%
38	11.739	1638	1641	1645	rVB3	47018	58192	1.84%	0.136%
39	11.857	1657	1661	1664	rBV2	42523	50330	1.59%	0.118%
40	11.904	1664	1669	1671	rVV	193609	247923	7.85%	0.579%
41	11.933	1671	1674	1680	rVV2	884227	884586	27.99%	2.067%
42	11.980	1680	1682	1685	rVV	50371	58233	1.84%	0.136%
43	12.022	1685	1689	1691	rVV2	250323	276473	8.75%	0.646%
44	12.039	1691	1692	1697	rVB	124625	101615	3.22%	0.237%
45	12.104	1697	1703	1707	rBV6	47829	96528	3.05%	0.226%
46	12.204	1717	1720	1722	rBV	110047	86206	2.73%	0.201%
47	12.227	1722	1724	1731	rVB2	112480	107630	3.41%	0.251%
48	12.386	1748	1751	1753	rBV	56055	44109	1.40%	0.103%
49	12.457	1759	1763	1766	rBV	122208	145011	4.59%	0.339%
50	12.492	1766	1769	1772	rVV3	55364	68782	2.18%	0.161%
51	12.545	1775	1778	1783	rVB2	104423	113956	3.61%	0.266%
52	12.621	1787	1791	1795	rBV	1495265	1310373	41.47%	3.061%
53	12.716	1804	1807	1811	rBV	311798	294724	9.33%	0.689%
54	12.774	1815	1817	1819	rVB	44987	37976	1.20%	0.089%
55	12.851	1824	1830	1836	rBV2	1099288	1235116	39.09%	2.885%
56	12.898	1836	1838	1843	rVB3	102115	118517	3.75%	0.277%
57	12.992	1846	1854	1858	rBV	2924254	2977033	94.21%	6.955%
58	13.068	1862	1867	1871	rBV2	100842	171147	5.42%	0.400%
59	13.157	1879	1882	1884	rBV3	93333	110732	3.50%	0.259%
60	13.180	1884	1886	1891	rVV	179837	174415	5.52%	0.407%
61	13.251	1895	1898	1900	rVV	96111	86485	2.74%	0.202%
62	13.286	1900	1904	1907	rVB2	140585	142594	4.51%	0.333%
63	13.380	1917	1920	1922	rVB	71025	60593	1.92%	0.142%
64	13.410	1922	1925	1928	rBV2	89149	79194	2.51%	0.185%
65	13.539	1944	1947	1950	rBV	103640	136456	4.32%	0.319%
66	13.621	1958	1961	1965	rVB	147745	139905	4.43%	0.327%
67	13.692	1970	1973	1982	rVB2	124237	179352	5.68%	0.419%
68	13.804	1986	1992	1995	rBV3	117638	194073	6.14%	0.453%
69	13.833	1995	1997	1998	rVV	86846	73308	2.32%	0.171%
70	13.857	1998	2001	2004	rVV2	106667	189806	6.01%	0.443%
71	13.892	2004	2007	2013	rVB2	429776	568795	18.00%	1.329%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.057	2027	2035	2037	rBV2	1055009	1475845	46.70%	3.448%
73	14.080	2037	2039	2042	rVB	517284	401528	12.71%	0.938%
74	14.210	2057	2061	2065	rBV3	90959	151772	4.80%	0.355%
75	14.310	2076	2078	2081	rBV	209588	190924	6.04%	0.446%
76	14.445	2096	2101	2103	rVB	109448	123842	3.92%	0.289%
77	14.480	2104	2107	2110	rVB2	67348	67806	2.15%	0.158%
78	14.521	2110	2114	2119	rBV4	173242	266215	8.42%	0.622%
79	14.568	2119	2122	2124	rBV2	66202	56961	1.80%	0.133%
80	14.739	2148	2151	2156	rBV3	66091	103101	3.26%	0.241%
81	14.810	2160	2163	2165	rBV	218215	210872	6.67%	0.493%
82	14.910	2177	2180	2182	rBV2	37124	36945	1.17%	0.086%
83	15.110	2209	2214	2217	rBV	442420	713944	22.59%	1.668%
84	15.174	2221	2225	2228	rVV2	188079	227632	7.20%	0.532%
85	15.215	2228	2232	2236	rVB2	109007	166515	5.27%	0.389%
86	15.415	2262	2266	2273	rVB	283450	388599	12.30%	0.908%
87	15.480	2273	2277	2283	rBV	393573	476267	15.07%	1.113%
88	15.545	2283	2288	2300	rBV2	694048	1175000	37.18%	2.745%
89	16.009	2363	2367	2371	rBV	138774	194019	6.14%	0.453%
90	16.068	2372	2377	2383	rVB6	100205	192569	6.09%	0.450%
91	16.439	2437	2440	2447	rVB8	39178	73409	2.32%	0.171%
92	16.527	2453	2455	2459	rVB2	42642	50412	1.60%	0.118%
93	16.827	2499	2506	2514	rBV6	50857	153990	4.87%	0.360%
94	17.045	2537	2543	2554	rBV2	182993	429756	13.60%	1.004%
95	17.139	2555	2559	2566	rVB4	57631	115756	3.66%	0.270%
96	17.227	2568	2574	2580	rBV5	101218	253973	8.04%	0.593%
97	17.498	2614	2620	2628	rBV	134333	256127	8.11%	0.598%
98	17.645	2638	2645	2655	rBV9	111297	303712	9.61%	0.710%
99	18.056	2710	2715	2718	rBV7	20510	42739	1.35%	0.100%
100	18.692	2818	2823	2836	rVB8	66160	202880	6.42%	0.474%

Sum of corrected areas: 42804386

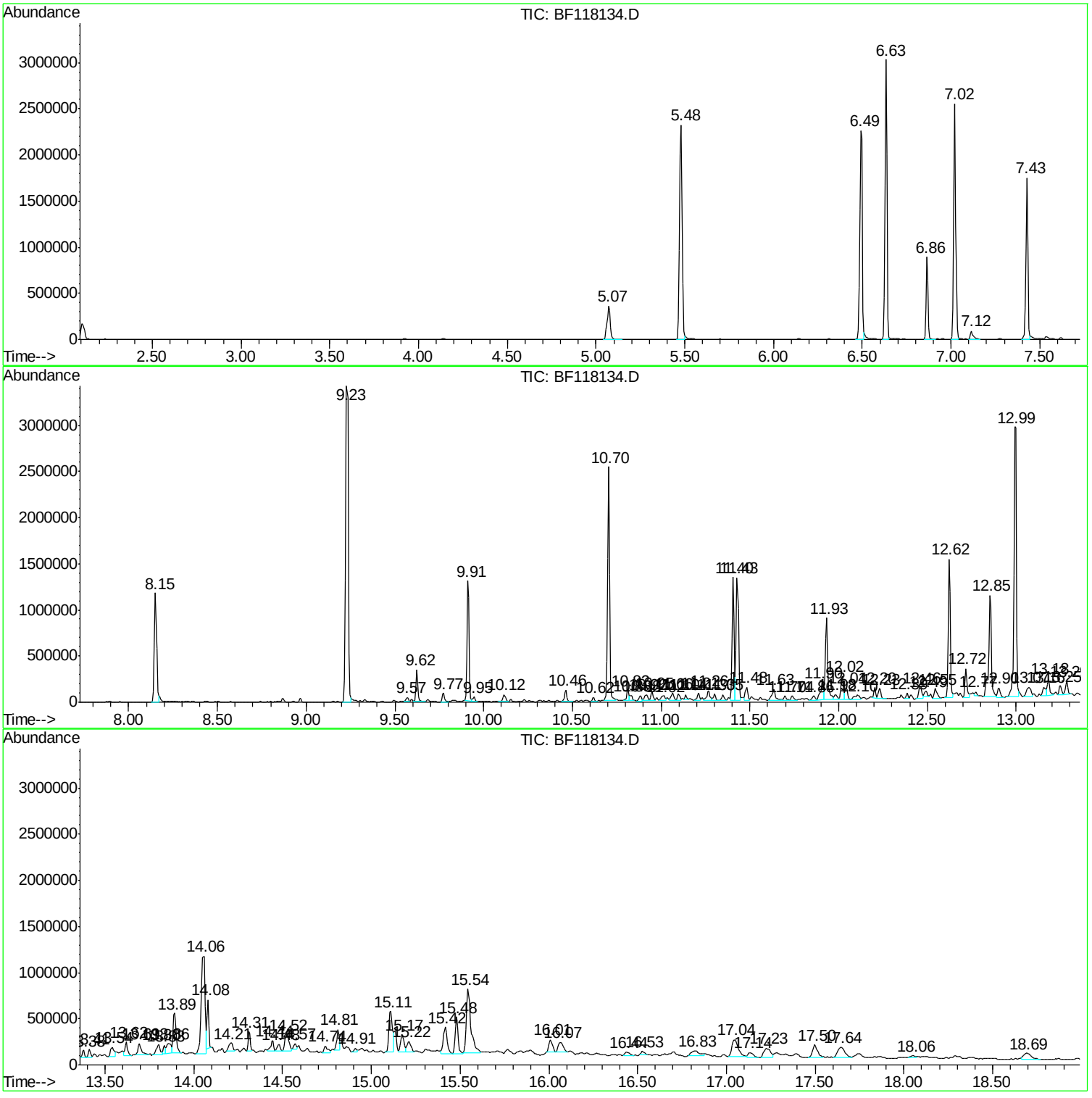
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	12.29 ng	441658	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	73.05 ng	2624670	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	Xenon	132	Xe	007440-63-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	56.64 ng	2035140	1,4-Dichlorobenzene-d4	6.86

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	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	50
4	Benzenamine, N,N-dimethyl-4-nitr...	150	C8H10N2O	000138-89-6	32
5	9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	22

****
Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 17

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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.
11.63	3.18 ng	182777	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	Carbazole	167	C12H9N	000086-74-8	87
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	87
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80

****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.32 ng	247923	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90

****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	15.40 ng	884586	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74

****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.81 ng	276473	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1-Aminocyclopentanecarboxylic ac...	389	C20H36ClNO4	1000329-17-2	17

****

Peak Number 8 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	5.13 ng	294724	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Dodecanoic acid	200	C12H24O2	000143-07-7	50
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	49
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43

****

Peak Number 9 Anthra(1,2-b)thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.63 ng	194073	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	86
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	70
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	62

****

Peak Number 10 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.71 ng	568795	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

4	Behenic alcohol	326	C22H46O	000661-19-8 93
5	1-Heneicosanol	312	C21H44O	015594-90-8 93

****

Peak Number 11 E-14-Hexadecenal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.61 ng	266215	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	90
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	68
3	Octadecane	254	C18H38	000593-45-3	64
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	62
5	Eicosane	282	C20H42	000112-95-8	60

****

Peak Number 12 9-Octadecenamide, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.59 ng	210872	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	81
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64
4	Decanamide-	171	C10H21NO	002319-29-1	58
5	Nonanamide	157	C9H19NO	001120-07-6	47

****

Peak Number 13 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.83 ng	166515	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

****

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	6.61 ng	388599	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90

****

Peak Number 15 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	3.30 ng	194019	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Eicosane	282	C20H42	000112-95-8	90

****

Peak Number 16 1-Heptacosanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.28 ng	192569	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	93
3	1-Eicosene	280	C20H40	003452-07-1	81
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	78
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	76

****

Peak Number 17 Silane, dimethyl(3-phenylpr... Concentration Rank 20

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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.
16.83	2.62 ng	153990	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethyl(3-phenylprop-2-...	292	C17H28O2Si	1000347-98-5	49
2	6-(1-Benzothien-3-yl)-2-methylim...	292	C17H12N2OS	1000305-50-7	30
3	1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1	25
4	Aniline, p,p'-(p-phenylenedioxy)di-	292	C18H16N2O2	003491-12-1	18
5	2-Cyclohexen-1-one, 3-methoxy-2-...	292	C16H20O5	095338-59-3	18

****

Peak Number 18 Picene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	4.32 ng	253973	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	60
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	53
3	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	53
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	52
5	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	49

****

Peak Number 19 Pregn-5-en-3-ol, 21-bromo-2... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	5.17 ng	303712	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	93
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	93
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	78
4	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	32
5	5-Cholesten-3.beta.-acetoxy-24-t...	460	C29H48O2S	1000253-09-1	27

****

Peak Number 20 Testosterone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	3.45 ng	202880	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

1	Testosterone	288	C19H28O2	000058-22-0	49
2	10,11-Dihydro-7,12-bis-dihydroxy...	322	C20H18O4	073033-94-0	35
3	Atropine	289	C17H23NO3	000051-55-8	35
4	3-(3-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	300726-64-1	27
5	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	25

Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118134.D
Acq On : 7 Dec 2019 17:35
Operator : JU
Sample : K6147-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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
2-Pentanone, 4-hy...	5.07	12.3	ng	441658	1	6.86	718619	20.0
3-Chloro-6-fluoro...	6.63	73.0	ng	2624670	1	6.86	718619	20.0
1,2-Dichlorobenze...	7.02	56.6	ng	2035140	1	6.86	718619	20.0
5H-Indeno[1,2-b]p...	11.63	3.2	ng	182777	4	11.40	1148620	20.0
Phenanthrene, 2-m...	11.90	4.3	ng	247923	4	11.40	1148620	20.0
n-Hexadecanoic acid	11.93	15.4	ng	884586	4	11.40	1148620	20.0
4H-Cyclopenta[def...	12.02	4.8	ng	276473	4	11.40	1148620	20.0
Octadecanoic acid	12.72	5.1	ng	294724	4	11.40	1148620	20.0
Anthra(1,2-b)thio...	13.80	2.6	ng	194073	5	14.06	1475850	20.0
Pentafluoropropio...	13.89	7.7	ng	568795	5	14.06	1475850	20.0
E-14-Hexadecenal	14.52	3.6	ng	266215	5	14.06	1475850	20.0
9-Octadecenamide,...	14.81	3.6	ng	210872	6	15.54	1175000	20.0
Benzo[e]pyrene	15.22	2.8	ng	166515	6	15.54	1175000	20.0
Benzo[e]pyrene	15.42	6.6	ng	388599	6	15.54	1175000	20.0
Octadecane	16.01	3.3	ng	194019	6	15.54	1175000	20.0
1-Heptacosanol	16.07	3.3	ng	192569	6	15.54	1175000	20.0
Silane, dimethyl(...	16.83	2.6	ng	153990	6	15.54	1175000	20.0
Picene	17.23	4.3	ng	253973	6	15.54	1175000	20.0
Pregn-5-en-3-ol, ...	17.64	5.2	ng	303712	6	15.54	1175000	20.0
Testosterone	18.69	3.5	ng	202880	6	15.54	1175000	20.0