LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135700.D
Acq On : 10 Oct 2023 23:12
Operator : CG\JU
Sample : 04784-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-10052023

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135700.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	485	488	502	rBV	258046	360480	16.60%	1.236%
2	5.369	555	558	578	rBV	1937303	2163918	99.65%	7.417%
3	6.387	728	731	751	rBV	2063121	2171570	100.00%	7.443%
4	6.740	787	791	799	rVB	677432	605895	27.90%	2.077%
5	7.304	884	887	897	rBV	1508099	1378767	63.49%	4.726%
6	8.016	1005	1008	1016	rBV	864637	737612	33.97%	2.528%
7	8.734	1128	1130	1134	rBV	40324	38340	1.77%	0.131%
8	8.834	1143	1147	1153	rVB2	45072	42744	1.97%	0.146%
9	9.092	1187	1191	1195	rBV	2273943	2135023	98.32%	7.318%
10	9.216	1207	1212	1215	rBV3	35631	39768	1.83%	0.136%
11	9.369	1234	1238	1242	rBV3	33548	53186	2.45%	0.182%
12	9.434	1246	1249	1252	rBV	48220	49612	2.28%	0.170%
13	9.551	1267	1269	1276	rVB3	25910	30651	1.41%	0.105%
14	9.639	1280	1284	1287	rBV	53775	52964	2.44%	0.182%
15	9.775	1303	1307	1310	rVV	896407	717665	33.05%	2.460%
16	9.804	1310	1312	1316	rVB	118274	112418	5.18%	0.385%
17	9.881	1322	1325	1329	rVB2	21925	29302	1.35%	0.100%
18	9.928	1329	1333	1337	rBV6	25693	40474	1.86%	0.139%
19	9.986	1337	1343	1346	rVV2	53983	74878	3.45%	0.257%
20	10.022	1346	1349	1353	rVB3	36355	35877	1.65%	0.123%
21	10.092	1358	1361	1364	rVV3	28863	29949	1.38%	0.103%
22	10.181	1373	1376	1378	rBV2	21289	27488	1.27%	0.094%
23	10.204	1378	1380	1383	rVB	35285	26063	1.20%	0.089%
24	10.328	1398	1401	1406	rBV	93907	93392	4.30%	0.320%
25	10.486	1425	1428	1431	rVB2	25331	28992	1.34%	0.099%
26	10.569	1439	1442	1454	rVV	1078017	1085674	49.99%	3.721%
27	10.692	1458	1463	1465	rVV2	69127	102725	4.73%	0.352%
28	10.710	1465	1466	1470	rVB	28488	31691	1.46%	0.109%
29	10.845	1486	1489	1490	rBV2	27892	25619	1.18%	0.088%
30	11.010	1512	1517	1519	rBV	43436	53812	2.48%	0.184%
31	11.086	1527	1530	1533	rVB2	32327	28214	1.30%	0.097%
32	11.128	1533	1537	1540	rBV4	24867	34905	1.61%	0.120%
33	11.169	1540	1544	1548	rVB2	76089	89921	4.14%	0.308%
34	11.216	1549	1552	1557	rBV	186287	144380	6.65%	0.495%
35	11.269	1557	1561	1563	rBV	766153	632179	29.11%	2.167%
36	11.292	1563	1565	1569	rVV	1072050	882358	40.63%	3.024%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135700.D
Acq On : 10 Oct 2023 23:12
Operator : CG\JU
Sample : 04784-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-10052023

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.345	1571	1574	1577	rVV	243799	219555	10.11%	0.752%
38	11.369	1577	1578	1582	rVB4	61236	47934	2.21%	0.164%
39	11.492	1596	1599	1601	rBV	84698	90339	4.16%	0.310%
40	11.516	1601	1603	1609	rVV	81384	91303	4.20%	0.313%
41	11.563	1609	1611	1613	rVV2	42853	33721	1.55%	0.116%
42	11.604	1613	1618	1624	rVB3	38974	54376	2.50%	0.186%
43	11.686	1629	1632	1636	rVB2	25455	32509	1.50%	0.111%
44	11.775	1643	1647	1650	rVV	149420	147331	6.78%	0.505%
45	11.804	1650	1652	1658	rVV	259291	251144	11.57%	0.861%
46	11.851	1658	1660	1663	rVV	59968	55057	2.54%	0.189%
47	11.886	1663	1666	1669	rVV	278358	282214	13.00%	0.967%
48	11.910	1669	1670	1674	rVB	96167	57160	2.63%	0.196%
49	12.075	1695	1698	1701	rBV	96951	94721	4.36%	0.325%
50	12.116	1702	1705	1708	rVB2	57804	56727	2.61%	0.194%
51	12.222	1721	1723	1726	rVB2	29898	23919	1.10%	0.082%
52	12.251	1726	1728	1731	rBV2	39218	36945	1.70%	0.127%
53	12.280	1731	1733	1736	rVB2	34141	26747	1.23%	0.092%
54	12.327	1738	1741	1744	rBV	111420	111413	5.13%	0.382%
55	12.363	1744	1747	1750	rVV2	45621	50980	2.35%	0.175%
56	12.427	1753	1758	1760	rBV2	113486	112918	5.20%	0.387%
57	12.492	1765	1769	1773	rBV	2029619	1885817	86.84%	6.463%
58	12.557	1778	1780	1784	rVB2	24114	26830	1.24%	0.092%
59	12.592	1784	1786	1790	rBV4	25388	30636	1.41%	0.105%
60	12.645	1792	1795	1798	rVB	108306	90033	4.15%	0.309%
61	12.722	1802	1808	1814	rBV	1655176	1922452	88.53%	6.589%
62	12.774	1814	1817	1822	rVB2	73751	85267	3.93%	0.292%
63	12.863	1826	1832	1836	rBV	1704699	1530003	70.46%	5.244%
64	12.892	1836	1837	1841	rVB2	43344	32244	1.48%	0.111%
65	12.951	1841	1847	1851	rBV2	96871	180262	8.30%	0.618%
66	12.986	1851	1853	1857	rVB2	33375	48144	2.22%	0.165%
67	13.033	1857	1861	1862	rBV3	97019	121664	5.60%	0.417%
68	13.057	1862	1865	1868	rVB	177287	182279	8.39%	0.625%
69	13.098	1869	1872	1873	rBV2	32975	28791	1.33%	0.099%
70	13.122	1873	1876	1878	rVB	107793	75423	3.47%	0.259%
71	13.163	1878	1883	1884	rBV2	135780	149376	6.88%	0.512%
72	13.251	1896	1898	1901	rBV	97971	79363	3.65%	0.272%
73	13.286	1901	1904	1907	rBV	87068	96394	4.44%	0.330%
74	13.357	1913	1916	1918	rBV4	30352	36581	1.68%	0.125%
75	13.439	1925	1930	1932	rBV4	51606	75207	3.46%	0.258%
76	13.574	1950	1953	1956	rVB	121436	109067	5.02%	0.374%

LSC Area Percent Report

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Instrument :
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.627	1960	1962	1966	rBV2	23032	26285	1.21%	0.090%
78	13.680	1968	1971	1973	rBV2	163618	149740	6.90%	0.513%
79	13.704	1973	1975	1977	rVB	118057	89134	4.10%	0.305%
80	13.733	1977	1980	1982	rBV	150274	136451	6.28%	0.468%
81	13.792	1987	1990	1995	rVB2	145018	181685	8.37%	0.623%
82	13.851	1998	2000	2003	rBV	39115	46775	2.15%	0.160%
83	13.927	2009	2013	2016	rBV2	875837	1266079	58.30%	4.339%
84	13.957	2016	2018	2022	rVB	687965	640850	29.51%	2.196%
85	14.039	2029	2032	2035	rVB	182847	164856	7.59%	0.565%
86	14.092	2038	2041	2047	rVV6	77285	108454	4.99%	0.372%
87	14.174	2053	2055	2057	rBV	39573	25833	1.19%	0.089%
88	14.286	2072	2074	2076	rBV2	37625	33052	1.52%	0.113%
89	14.327	2078	2081	2084	rVB	94203	99677	4.59%	0.342%
90	14.398	2091	2093	2096	rVB2	53099	45364	2.09%	0.155%
91	14.451	2100	2102	2103	rBV	53314	40280	1.85%	0.138%
92	14.827	2163	2166	2169	rBV	67202	72319	3.33%	0.248%
93	14.980	2188	2192	2199	rBV	548805	975218	44.91%	3.342%
94	15.086	2208	2210	2214	rBV	96850	111727	5.14%	0.383%
95	15.280	2239	2243	2248	rVB	305604	341805	15.74%	1.171%
96	15.345	2250	2254	2260	rVV	447970	511006	23.53%	1.751%
97	15.404	2261	2264	2268	rVV	302668	393558	18.12%	1.349%
98	15.439	2268	2270	2277	rVB	150362	179484	8.27%	0.615%
99	16.904	2514	2519	2529	rVB	167890	361143	16.63%	1.238%
100	17.357	2590	2596	2604	rBV2	142320	324697	14.95%	1.113%

Sum of corrected areas: 29176824

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Misc :
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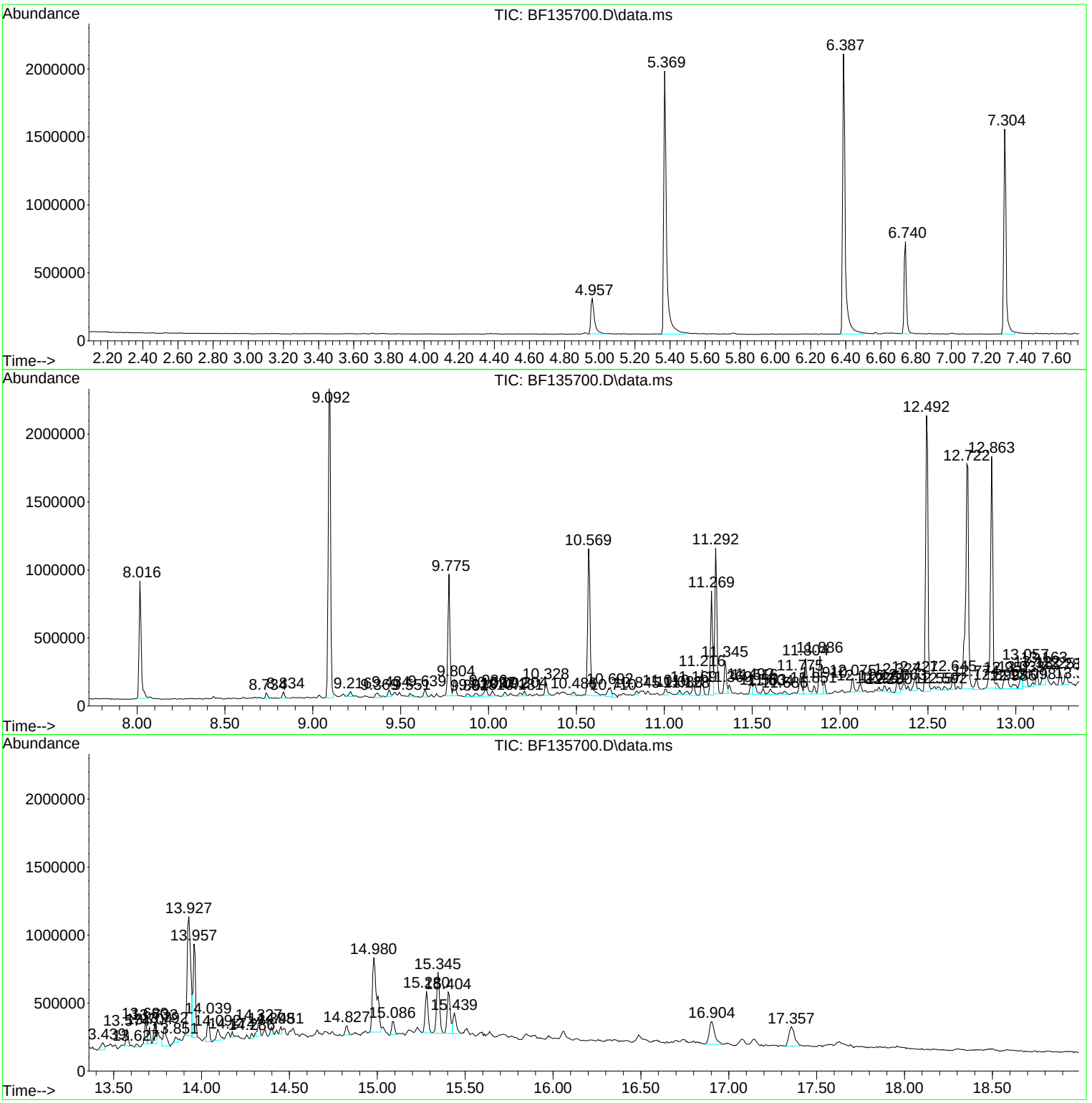
Instrument :
BNA_F
ClientSampleId :
OR-02-10052023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	11.90 ng	360480	1,4-Dichlorobenzene-d4	6.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10

****
Peak Number 2 unknown10.692 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.692	3.25 ng	102725	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	49
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	47
3	Pentacosane	352	C25H52	000629-99-2	46
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	46
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	43

****
Peak Number 3 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	2.84 ng	89921	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91

****
Peak Number 4 2,4-Diphenyl-4-methyl-1-pen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	4.57 ng	144380	Phenanthrene-d10	11.269

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Sample : 04784-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-10052023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diphenyl-4-methyl-1-pentene	236	C18H20	1000111-58-0	93
2	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	86
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	78
4	Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	78
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78

****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	4.66 ng	147331	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91

****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	7.95 ng	251144	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94

****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	8.93 ng	282214	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	3.00 ng	94721	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49

****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.328	3.52 ng	111413	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87

****

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	3.57 ng	112918	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	52
4	1H-pyrrole-3,4-diol, 2,5-dihydro...	204	C11H12N2O2	1000396-07-0	50
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50

****

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 15

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

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

12.951	2.85 ng	180262	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68

****
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.88 ng	182279	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83

****
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.36 ng	149376	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81

****
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.680	2.37 ng	149740	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135700.D
Acq On : 10 Oct 2023 23:12
Operator : CG\JU
Sample : 04784-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-10052023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6 64
5	2-(5-Amino-2-chloro-4-cyano-2-et...	234	C10H7ClN4O	1000436-11-9 53

****
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	2.16 ng	136451	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	53
3	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	40
4	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	40
5	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	40

****
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	2.87 ng	181685	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59

****
Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.039	2.60 ng	164856	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	40

****
Peak Number 18 Phenanthrene, 1-phenyl- Concentration Rank 8

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135700.D
Acq On : 10 Oct 2023 23:12
Operator : CG\JU
Sample : 04784-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-10052023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	3.68 ng	72319	Perylene-d12	15.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-phenyl-	254	C20H14	004325-76-2	76
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	68
4	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64

****

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	5.68 ng	111727	Perylene-d12	15.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91

****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	17.37 ng	341805	Perylene-d12	15.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93

Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135700.D
Acq On : 10 Oct 2023 23:12
Operator : CG\JU
Sample : 04784-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-10052023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.957	11.9	ng	360480	1	6.740	605895	20.0
unknown10.692	10.692	3.3	ng	102725	4	11.269	632179	20.0
Dibenzothiophene	11.169	2.8	ng	89921	4	11.269	632179	20.0
2,4-Diphenyl-4-...	11.216	4.6	ng	144380	4	11.269	632179	20.0
Anthracene, 2-m...	11.775	4.7	ng	147331	4	11.269	632179	20.0
Phenanthrene, 2...	11.804	8.0	ng	251144	4	11.269	632179	20.0
4H-Cyclopenta[d...	11.886	8.9	ng	282214	4	11.269	632179	20.0
Naphthalene, 2-...	12.075	3.0	ng	94721	4	11.269	632179	20.0
Phenanthrene, 2...	12.328	3.5	ng	111413	4	11.269	632179	20.0
Cyclopenta(def)...	12.427	3.6	ng	112918	4	11.269	632179	20.0
Pyrene, 1-methyl-	12.951	2.9	ng	180262	5	13.933	1266080	20.0
11H-Benzo[b]flu...	13.057	2.9	ng	182279	5	13.933	1266080	20.0
Pyrene, 2-methyl-	13.163	2.4	ng	149376	5	13.933	1266080	20.0
Benzo[b]naphtho...	13.680	2.4	ng	149740	5	13.933	1266080	20.0
Cyclopenta[cd]p...	13.733	2.2	ng	136451	5	13.933	1266080	20.0
11H-Benzo[a]flu...	13.792	2.9	ng	181685	5	13.933	1266080	20.0
Cyclopenta(cd)p...	14.039	2.6	ng	164856	5	13.933	1266080	20.0
Phenanthrene, 1...	14.827	3.7	ng	72319	6	15.404	393558	20.0
Benzo[e]pyrene	15.086	5.7	ng	111727	6	15.404	393558	20.0
Benzo[j]fluoran...	15.280	17.4	ng	341805	6	15.404	393558	20.0