LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121969.D
Acq On : 14 Oct 2020 21:11
Operator : JU/CG
Sample : L4226-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101320

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF121969.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.934	481	484	496	rBV	14221	23575	2.61%	0.226%
2	5.363	554	557	572	rBV	264108	371968	41.11%	3.565%
3	6.386	728	731	750	rBV	278979	409519	45.26%	3.924%
4	6.739	788	791	798	rBV	700444	614002	67.86%	5.884%
5	7.310	885	888	897	rBV	229150	281161	31.08%	2.694%
6	7.769	963	966	969	rBV4	8350	11209	1.24%	0.107%
7	7.975	996	1001	1004	rBV5	6531	13045	1.44%	0.125%
8	8.028	1004	1010	1016	rVV	831437	862739	95.36%	8.268%
9	8.086	1019	1020	1023	rVB	28214	17583	1.94%	0.169%
10	8.316	1054	1059	1065	rVB5	21443	29422	3.25%	0.282%
11	8.404	1071	1074	1078	rVB3	20436	21099	2.33%	0.202%
12	8.445	1078	1081	1083	rBV	53739	44923	4.97%	0.431%
13	8.486	1086	1088	1092	rVB4	14987	15513	1.71%	0.149%
14	8.527	1092	1095	1098	rBV3	11090	11442	1.26%	0.110%
15	8.563	1098	1101	1103	rBV3	8542	11304	1.25%	0.108%
16	8.616	1107	1110	1114	rBV2	25933	27489	3.04%	0.263%
17	8.710	1123	1126	1129	rVB3	16021	16987	1.88%	0.163%
18	8.739	1129	1131	1139	rVB	108017	99282	10.97%	0.951%
19	8.839	1144	1148	1151	rBV	82120	81363	8.99%	0.780%
20	8.898	1155	1158	1160	rBV3	18240	17622	1.95%	0.169%
21	8.927	1160	1163	1168	rVB5	22041	33258	3.68%	0.319%
22	8.980	1168	1172	1175	rBV4	17279	23702	2.62%	0.227%
23	9.016	1175	1178	1180	rBV3	18565	16872	1.86%	0.162%
24	9.045	1180	1183	1186	rBV	71222	54893	6.07%	0.526%
25	9.098	1188	1192	1197	rBV	593766	495701	54.79%	4.750%
26	9.180	1202	1206	1209	rBV2	33924	40140	4.44%	0.385%
27	9.222	1209	1213	1215	rBV2	39825	42409	4.69%	0.406%
28	9.292	1223	1225	1230	rVB	33649	36746	4.06%	0.352%
29	9.369	1234	1238	1242	rVV	80493	104707	11.57%	1.003%
30	9.439	1246	1250	1252	rVV	121930	135755	15.00%	1.301%
31	9.463	1252	1254	1256	rVV	73529	70906	7.84%	0.680%
32	9.498	1257	1260	1263	rVV	161569	154284	17.05%	1.479%
33	9.522	1263	1264	1267	rVV3	19564	13099	1.45%	0.126%
34	9.557	1267	1270	1274	rVV	50525	51744	5.72%	0.496%
35	9.639	1281	1284	1288	rBV3	36612	38442	4.25%	0.368%
36	9.680	1288	1291	1293	rVB2	27447	21449	2.37%	0.206%

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Sample : L4226-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101320

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.710	1293	1296	1300	rVB3	21393	19826	2.19%	0.190%
38	9.774	1300	1307	1310	rBV	971252	904759	100.00%	8.670%
39	9.810	1310	1313	1317	rVB	130423	130143	14.38%	1.247%
40	9.880	1322	1325	1330	rVB2	44353	50460	5.58%	0.484%
41	9.933	1330	1334	1338	rBV5	31903	53161	5.88%	0.509%
42	9.980	1338	1342	1346	rVV	110514	131577	14.54%	1.261%
43	10.022	1346	1349	1354	rVB3	49945	65764	7.27%	0.630%
44	10.092	1358	1361	1364	rBV	43812	48413	5.35%	0.464%
45	10.122	1364	1366	1368	rBV	24397	18666	2.06%	0.179%
46	10.180	1373	1376	1378	rBV3	33320	40990	4.53%	0.393%
47	10.204	1378	1380	1383	rVB	35547	28516	3.15%	0.273%
48	10.263	1387	1390	1391	rBV2	10063	9645	1.07%	0.092%
49	10.321	1396	1400	1406	rBV	111996	137967	15.25%	1.322%
50	10.427	1413	1418	1423	rVB2	65903	98952	10.94%	0.948%
51	10.480	1424	1427	1431	rVB3	34044	40738	4.50%	0.390%
52	10.539	1435	1437	1439	rBV2	21834	18362	2.03%	0.176%
53	10.569	1439	1442	1453	rVB3	164620	214267	23.68%	2.053%
54	10.692	1458	1463	1469	rVB	110970	132950	14.69%	1.274%
55	10.851	1488	1490	1491	rBV2	20854	16383	1.81%	0.157%
56	10.869	1491	1493	1497	rVV5	26031	37392	4.13%	0.358%
57	10.904	1497	1499	1501	rVB	29436	23566	2.60%	0.226%
58	11.004	1510	1516	1517	rBV4	19775	26250	2.90%	0.252%
59	11.127	1531	1537	1539	rBV4	19385	30829	3.41%	0.295%
60	11.157	1539	1542	1547	rVB2	63639	72131	7.97%	0.691%
61	11.263	1556	1560	1562	rBV	808818	758179	83.80%	7.266%
62	11.286	1562	1564	1568	rVV	229701	205103	22.67%	1.966%
63	11.339	1570	1573	1576	rVB	47163	41506	4.59%	0.398%
64	11.374	1576	1579	1582	rBV3	11205	14510	1.60%	0.139%
65	11.504	1597	1601	1605	rBV4	18408	22609	2.50%	0.217%
66	11.551	1607	1609	1612	rVV2	19000	16688	1.84%	0.160%
67	11.592	1612	1616	1622	rVB5	12549	23155	2.56%	0.222%
68	11.763	1642	1645	1648	rBV2	23616	26014	2.88%	0.249%
69	11.792	1648	1650	1655	rVB	29373	28348	3.13%	0.272%
70	11.845	1657	1659	1661	rBV2	11510	11010	1.22%	0.106%
71	11.874	1661	1664	1667	rBV2	29616	27680	3.06%	0.265%
72	11.957	1675	1678	1681	rBV2	20615	18148	2.01%	0.174%
73	12.063	1692	1696	1698	rBV	14387	17362	1.92%	0.166%
74	12.239	1723	1726	1728	rBV2	13571	10233	1.13%	0.098%
75	12.315	1735	1739	1741	rBV	25445	29653	3.28%	0.284%
76	12.345	1741	1744	1751	rVV3	45208	78905	8.72%	0.756%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121969.D
Acq On : 14 Oct 2020 21:11
Operator : JU/CG
Sample : L4226-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101320

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.474	1763	1766	1770	rBV	134783	116301	12.85%	1.115%
78	12.510	1770	1772	1776	rVB5	18814	23153	2.56%	0.222%
79	12.627	1789	1792	1795	rBV3	18934	21150	2.34%	0.203%
80	12.704	1800	1805	1811	rBV2	113985	179343	19.82%	1.719%
81	12.763	1812	1815	1817	rBV3	19800	17760	1.96%	0.170%
82	12.839	1825	1828	1839	rVB	407020	412230	45.56%	3.950%
83	12.927	1839	1843	1848	rBV8	12520	31383	3.47%	0.301%
84	12.974	1849	1851	1854	rVV4	12409	12562	1.39%	0.120%
85	13.074	1865	1868	1871	rBV2	50468	47817	5.29%	0.458%
86	13.415	1923	1926	1929	rBV	52430	49226	5.44%	0.472%
87	13.739	1979	1981	1986	rVB2	38665	41526	4.59%	0.398%
88	13.898	2004	2008	2012	rBV	679203	705053	77.93%	6.757%
89	14.057	2032	2035	2040	rBV2	39936	50757	5.61%	0.486%
90	14.362	2085	2087	2090	rBV	43474	30669	3.39%	0.294%
91	15.339	2248	2253	2258	rBV	589702	699904	77.36%	6.707%

Sum of corrected areas: 10434998

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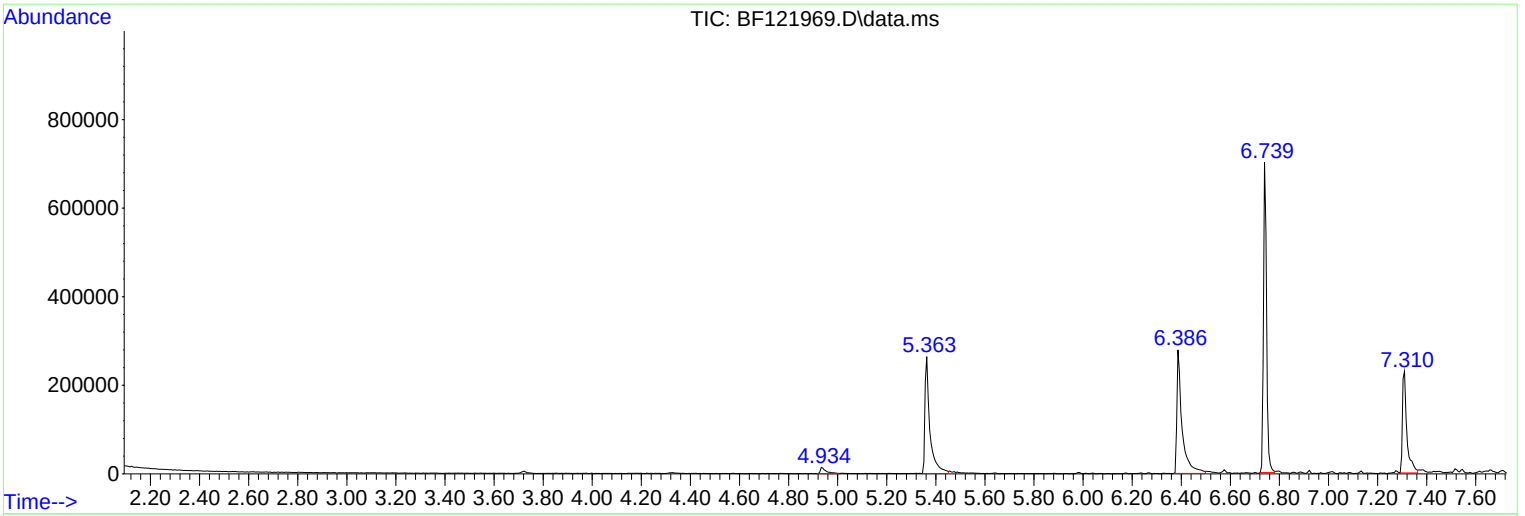
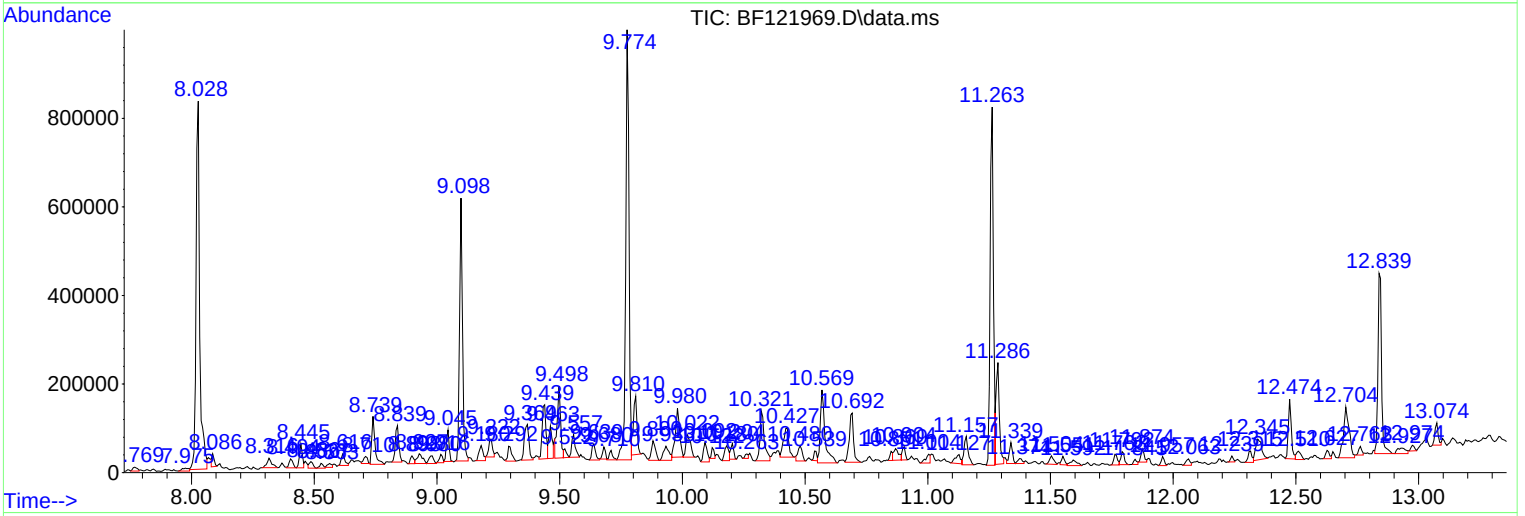
Misc :
ALS Vial : 20 Sample Multiplier: 1

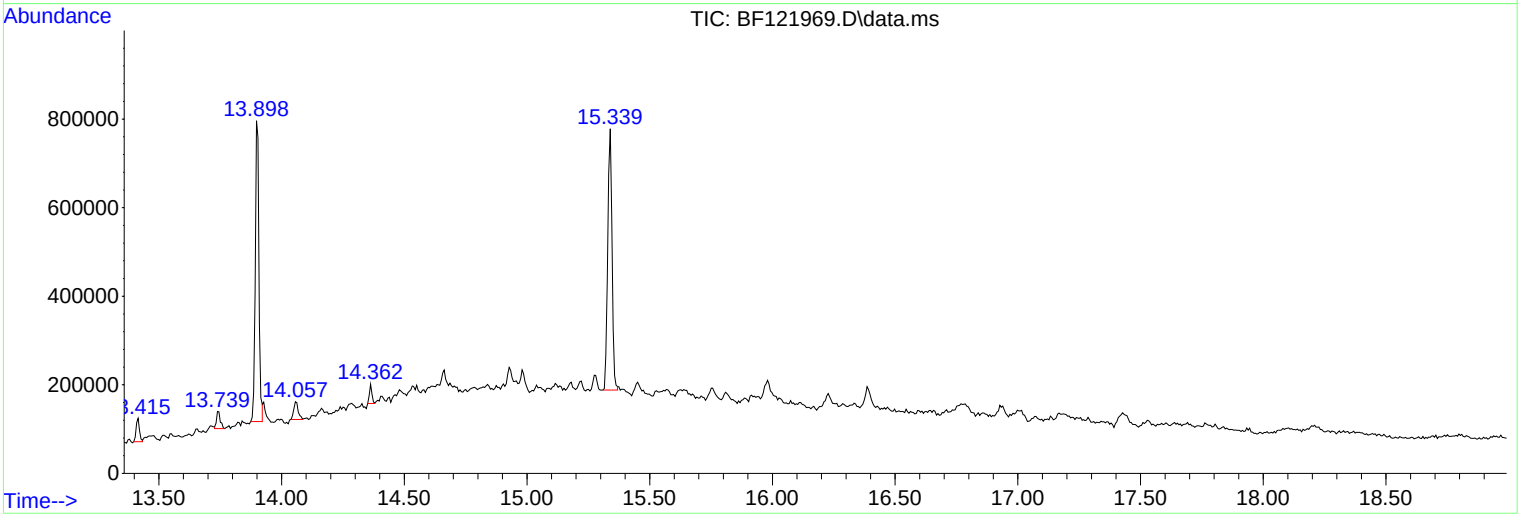
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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Data File : BF121969.D
Acq On : 14 Oct 2020 21:11
Operator : JU/CG
Sample : L4226-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101320

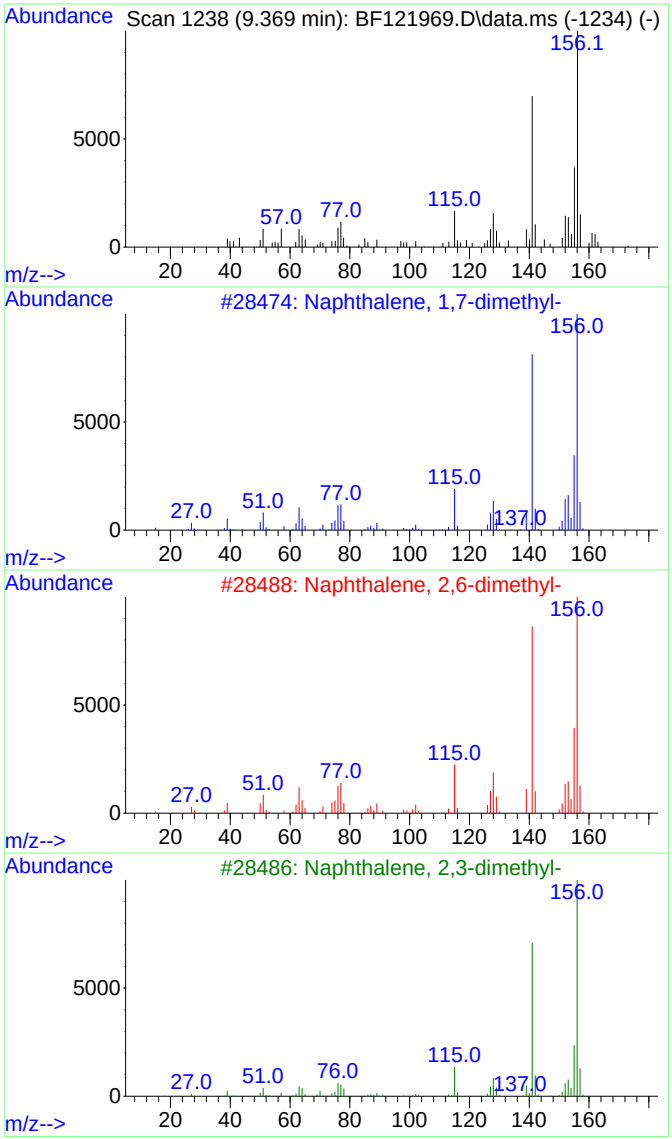
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

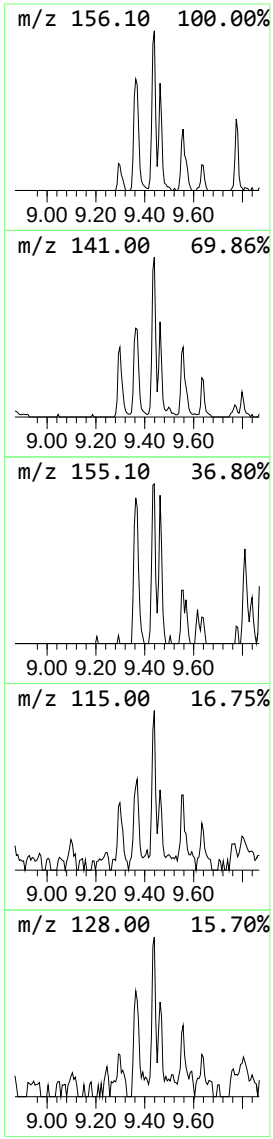
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	2.31 ng	104707	Acenaphthene-d10	9.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
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Acq On : 14 Oct 2020 21:11
Operator : JU/CG
Sample : L4226-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101320

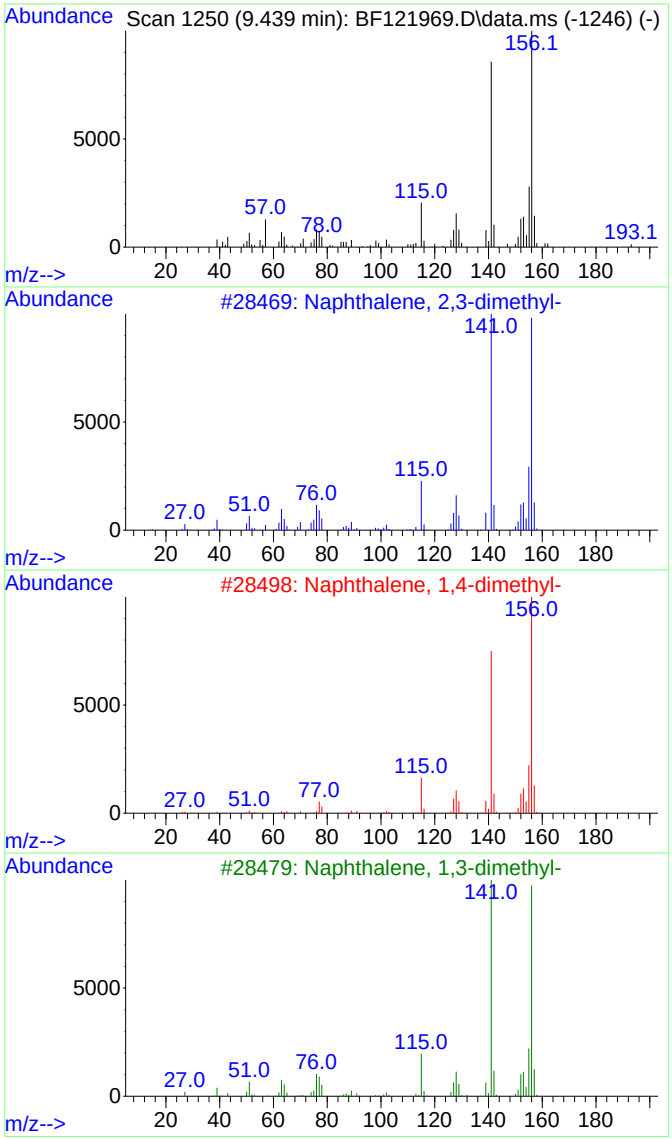
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

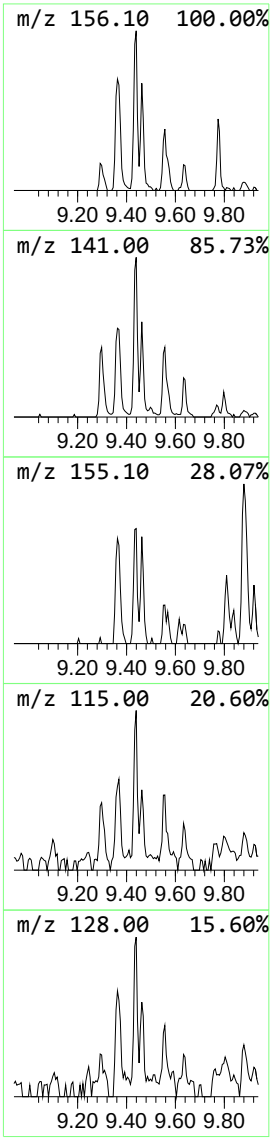
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.439	3.00 ng	135755	Acenaphthene-d10	9.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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BNA_F
ClientSampleId :
TR-04-101320

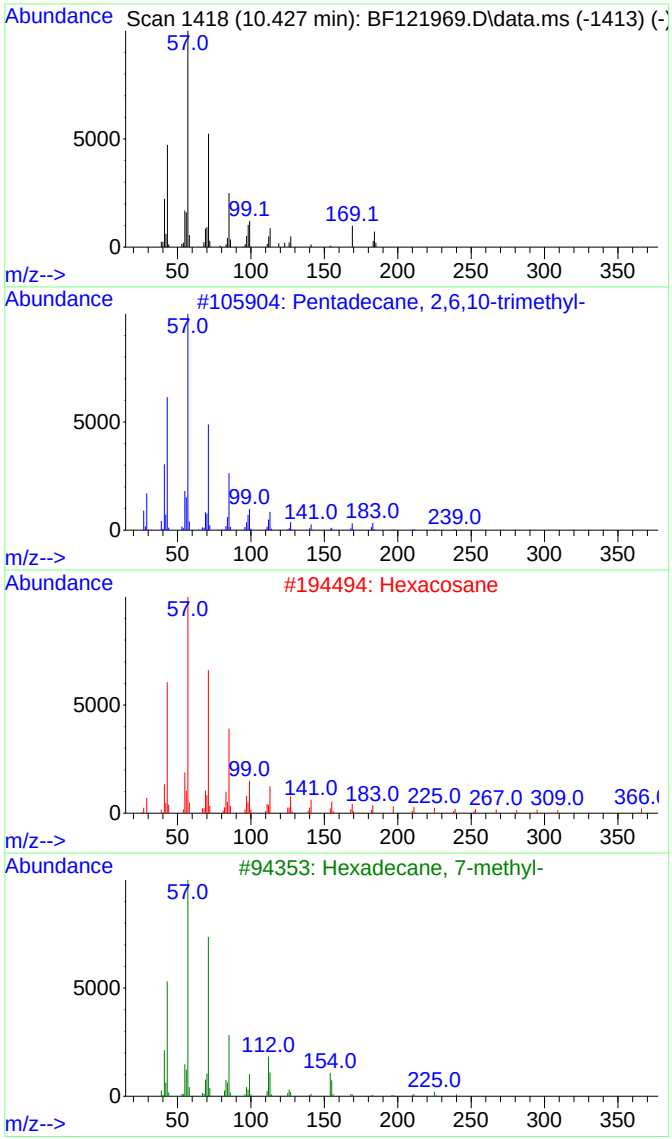
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

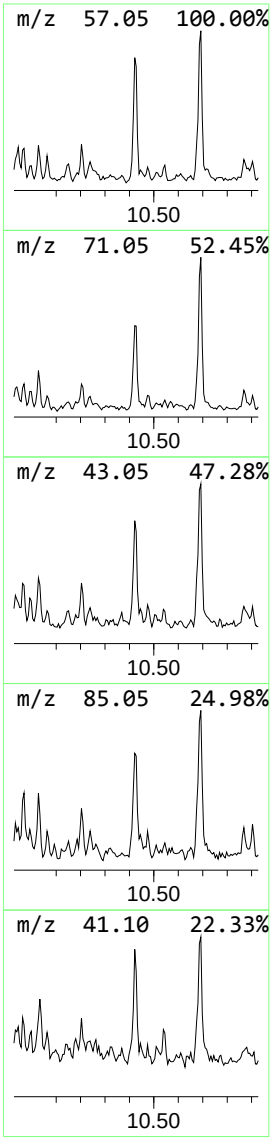
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.427	2.19 ng	98952	Acenaphthene-d10	9.774

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Hexacosane	366	C26H54	000630-01-3	59
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	59
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
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Sample : L4226-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101320

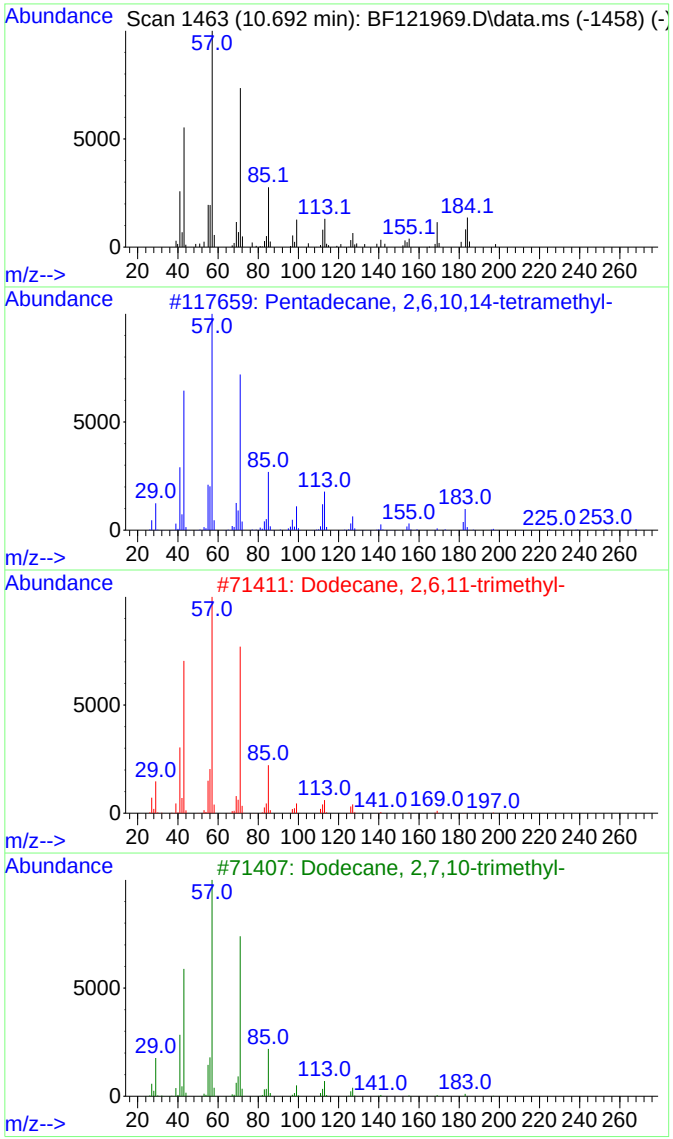
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

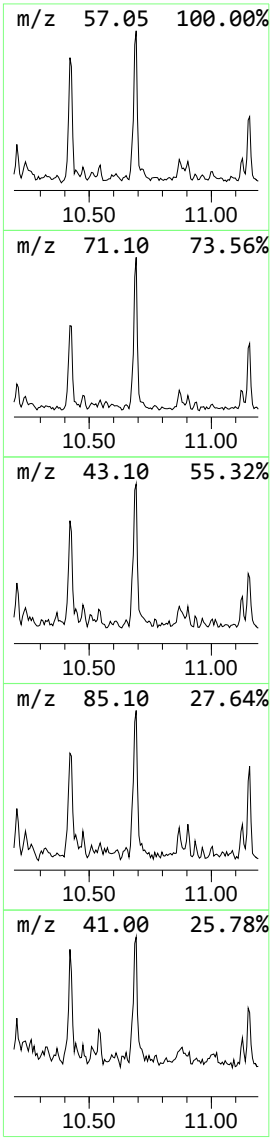
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.692	3.51 ng	132950	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121969.D
Acq On : 14 Oct 2020 21:11
Operator : JU/CG
Sample : L4226-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

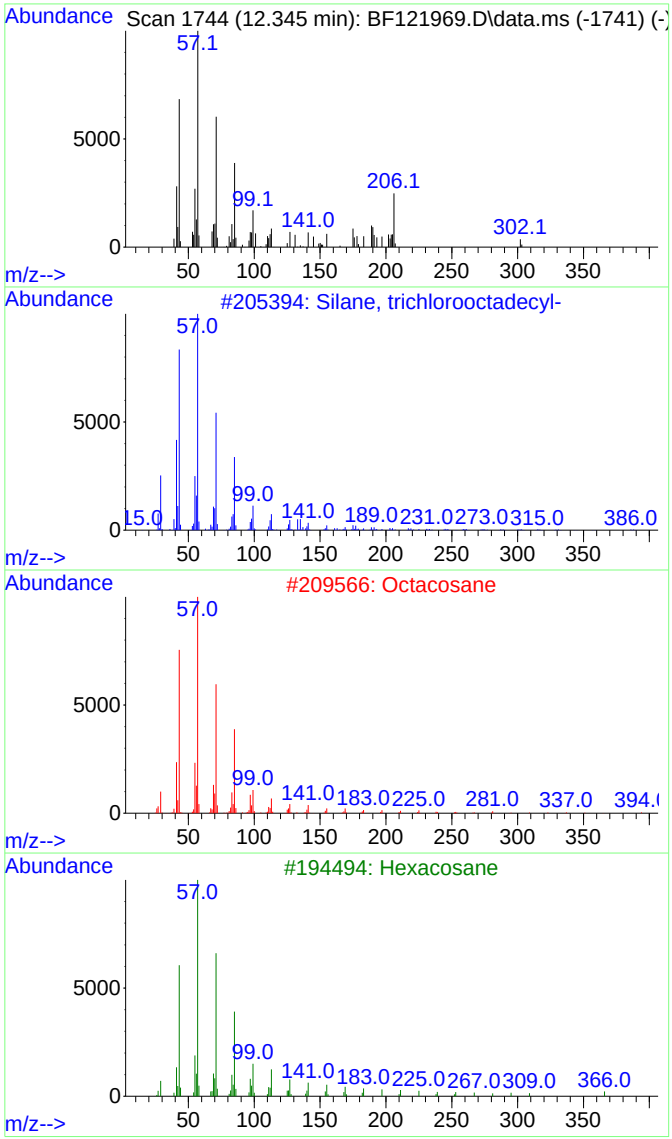
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

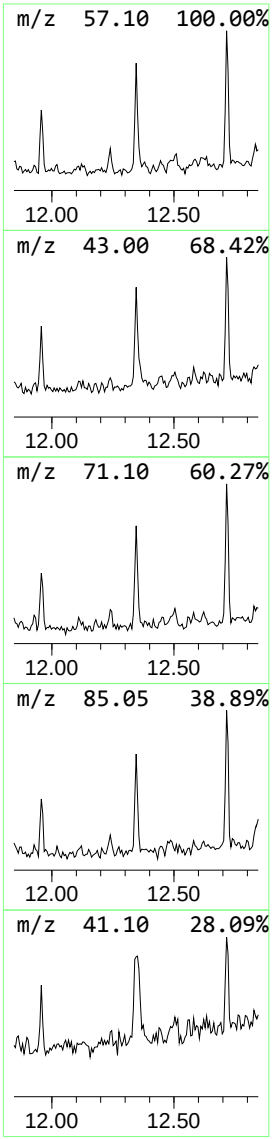
****

Peak Number 6 Silane, trichlorooctadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	2.08 ng	78905	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	58
2	Octacosane	394	C28H58	000630-02-4	58
3	Hexacosane	366	C26H54	000630-01-3	58
4	Pentacosane	352	C25H52	000629-99-2	58
5	Eicosane	282	C20H42	000112-95-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121969.D
Acq On : 14 Oct 2020 21:11
Operator : JU/CG
Sample : L4226-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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
Naphthalene, 1,...	9.369	2.3	ng	104707	3	9.774	904759	20.0
Naphthalene, 2,...	9.439	3.0	ng	135755	3	9.774	904759	20.0
Pentadecane, 2,...	10.427	2.2	ng	98952	3	9.774	904759	20.0
Pentadecane, 2,...	10.692	3.5	ng	132950	4	11.263	758179	20.0
Silane, trichlo...	12.345	2.1	ng	78905	4	11.263	758179	20.0