LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126030.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.451	568	572	576	rBV	978095	861230	21.06%	1.567%
2	6.463	740	744	748	rBV	1063745	926833	22.66%	1.686%
3	6.851	806	810	813	rBV	1355077	1083163	26.48%	1.970%
4	7.404	901	904	910	rVB	684905	573642	14.02%	1.043%
5	7.457	910	913	916	rVB	66370	59642	1.46%	0.108%
6	8.004	1000	1006	1008	rBV2	49195	57492	1.41%	0.105%
7	8.134	1023	1028	1030	rBV	1802381	1447754	35.40%	2.634%
8	8.151	1030	1031	1034	rVB	203146	125492	3.07%	0.228%
9	8.516	1090	1093	1096	rBV2	50297	58543	1.43%	0.106%
10	8.557	1096	1100	1102	rBV3	44667	60782	1.49%	0.111%
11	8.657	1113	1117	1119	rBV	209791	185210	4.53%	0.337%
12	8.716	1121	1127	1128	rBV3	79472	94782	2.32%	0.172%
13	8.822	1140	1145	1147	rBV4	108033	151694	3.71%	0.276%
14	8.845	1147	1149	1151	rBV2	82085	69638	1.70%	0.127%
15	8.892	1154	1157	1161	rBV3	109688	164346	4.02%	0.299%
16	8.939	1161	1165	1170	rBV6	80578	162519	3.97%	0.296%
17	9.063	1182	1186	1188	rBV4	127212	141018	3.45%	0.257%
18	9.116	1192	1195	1198	rBV	246828	299482	7.32%	0.545%
19	9.204	1207	1210	1213	rVB	1416669	1076211	26.31%	1.958%
20	9.363	1235	1237	1239	rBV	118848	102711	2.51%	0.187%
21	9.404	1241	1244	1248	rVB2	372866	452291	11.06%	0.823%
22	9.457	1251	1253	1255	rBV2	145778	140998	3.45%	0.256%
23	9.563	1269	1271	1274	rVB2	82810	66833	1.63%	0.122%
24	9.616	1276	1280	1282	rBV2	217283	234991	5.75%	0.427%
25	9.639	1282	1284	1286	rBV3	64896	56417	1.38%	0.103%
26	9.745	1299	1302	1303	rBV	189278	141861	3.47%	0.258%
27	9.763	1303	1305	1313	rVB3	177696	239414	5.85%	0.436%
28	9.857	1318	1321	1322	rBV2	82459	73665	1.80%	0.134%
29	9.886	1322	1326	1329	rBV	1971654	1634761	39.97%	2.974%
30	9.916	1329	1331	1333	rVB	183566	136079	3.33%	0.248%
31	9.969	1337	1340	1342	rVB	149980	116119	2.84%	0.211%
32	10.092	1358	1361	1364	rBV3	155471	154734	3.78%	0.281%
33	10.122	1364	1366	1370	rVB4	146100	196046	4.79%	0.357%
34	10.204	1378	1380	1383	rBV3	90642	89014	2.18%	0.162%
35	10.298	1392	1396	1400	rBV5	127989	231985	5.67%	0.422%
36	10.380	1407	1410	1412	rVV2	451770	404285	9.88%	0.735%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.428	1415	1418	1424	rVB2	618980	698772	17.08%	1.271%
38	10.551	1435	1439	1443	rBV4	487102	840827	20.56%	1.530%
39	10.592	1443	1446	1450	rVB2	797808	734733	17.96%	1.337%
40	10.633	1450	1453	1455	rBV	493899	476706	11.65%	0.867%
41	10.669	1455	1459	1462	rVV2	1053414	1231500	30.11%	2.240%
42	10.722	1466	1468	1470	rBV2	161680	117970	2.88%	0.215%
43	10.751	1470	1473	1476	rBV	971022	808614	19.77%	1.471%
44	10.786	1477	1479	1482	rVB	299777	269666	6.59%	0.491%
45	10.839	1485	1488	1490	rBV	699470	576986	14.11%	1.050%
46	10.898	1495	1498	1503	rVB	880165	924214	22.60%	1.681%
47	10.945	1503	1506	1508	rBV2	371618	378576	9.26%	0.689%
48	11.033	1518	1521	1530	rVB3	399990	802259	19.61%	1.459%
49	11.110	1531	1534	1535	rBV2	217581	230734	5.64%	0.420%
50	11.151	1539	1541	1543	rVB2	214881	155205	3.79%	0.282%
51	11.180	1543	1546	1549	rVB2	399995	367952	9.00%	0.669%
52	11.239	1553	1556	1559	rBV	414042	428736	10.48%	0.780%
53	11.269	1559	1561	1565	rVB	461326	405162	9.91%	0.737%
54	11.322	1567	1570	1575	rBV	534849	812914	19.87%	1.479%
55	11.369	1575	1578	1580	rBV	1764601	1596530	39.03%	2.904%
56	11.392	1580	1582	1585	rVB2	851781	650550	15.90%	1.183%
57	11.427	1585	1588	1590	rBV	615972	712134	17.41%	1.295%
58	11.533	1603	1606	1608	rBV2	159266	148464	3.63%	0.270%
59	11.563	1608	1611	1615	rBV2	248274	373379	9.13%	0.679%
60	11.604	1615	1618	1620	rBV2	571677	612457	14.97%	1.114%
61	11.686	1627	1632	1636	rBV2	959388	1567577	38.32%	2.852%
62	11.774	1642	1647	1650	rBV	843035	1083014	26.48%	1.970%
63	11.827	1653	1656	1657	rBV	427204	348553	8.52%	0.634%
64	11.857	1657	1661	1665	rVV2	370093	580524	14.19%	1.056%
65	11.927	1671	1673	1675	rBV	243422	172677	4.22%	0.314%
66	11.986	1680	1683	1685	rBV3	984227	937158	22.91%	1.705%
67	12.169	1711	1714	1716	rVB	447733	378746	9.26%	0.689%
68	12.592	1782	1786	1789	rBV	5050684	4090250	100.00%	7.440%
69	12.816	1818	1824	1827	rBV2	3491308	3505796	85.71%	6.377%
70	12.857	1829	1831	1837	rVB3	251712	306508	7.49%	0.558%
71	12.927	1841	1843	1845	rVV	220163	181992	4.45%	0.331%
72	12.951	1845	1847	1854	rVB2	1027958	1013706	24.78%	1.844%
73	13.116	1872	1875	1876	rBV2	203803	214006	5.23%	0.389%
74	13.139	1876	1879	1882	rVB	809917	667682	16.32%	1.215%
75	13.204	1887	1890	1893	rBV	789834	715785	17.50%	1.302%
76	13.245	1894	1897	1900	rVB2	323084	306079	7.48%	0.557%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.363	1915	1917	1921	rBV2	135839	123357	3.02%	0.224%
78	13.757	1982	1984	1986	rVB	268515	186603	4.56%	0.339%
79	13.786	1987	1989	1991	rBV	172260	120277	2.94%	0.219%
80	14.004	2021	2026	2029	rBV3	2229162	2942626	71.94%	5.353%
81	14.033	2029	2031	2036	rVB	1441999	1218996	29.80%	2.217%
82	14.116	2042	2045	2048	rBV	165642	185952	4.55%	0.338%
83	14.145	2048	2050	2055	rVV2	264456	291193	7.12%	0.530%
84	14.192	2056	2058	2061	rVB	220378	177175	4.33%	0.322%
85	14.227	2061	2064	2068	rVB2	260652	246213	6.02%	0.448%
86	14.392	2090	2092	2095	rVB	288527	228027	5.57%	0.415%
87	14.486	2106	2108	2111	rVV2	166405	128735	3.15%	0.234%
88	14.515	2111	2113	2115	rVV2	171297	185404	4.53%	0.337%
89	14.539	2115	2117	2121	rVB3	247841	220183	5.38%	0.401%
90	15.045	2199	2203	2206	rBV	911319	1371309	33.53%	2.495%
91	15.151	2218	2221	2224	rVB	312883	325586	7.96%	0.592%
92	15.345	2250	2254	2260	rVB	603294	813086	19.88%	1.479%
93	15.410	2260	2265	2271	rVV	1052209	1242939	30.39%	2.261%
94	15.468	2271	2275	2278	rVV	785583	982535	24.02%	1.787%
95	15.498	2278	2280	2287	rVB2	234898	323242	7.90%	0.588%
96	16.921	2516	2522	2530	rVB2	326217	680999	16.65%	1.239%
97	17.092	2548	2551	2556	rVB	77722	113279	2.77%	0.206%
98	17.356	2591	2596	2605	rVB	185867	368718	9.01%	0.671%

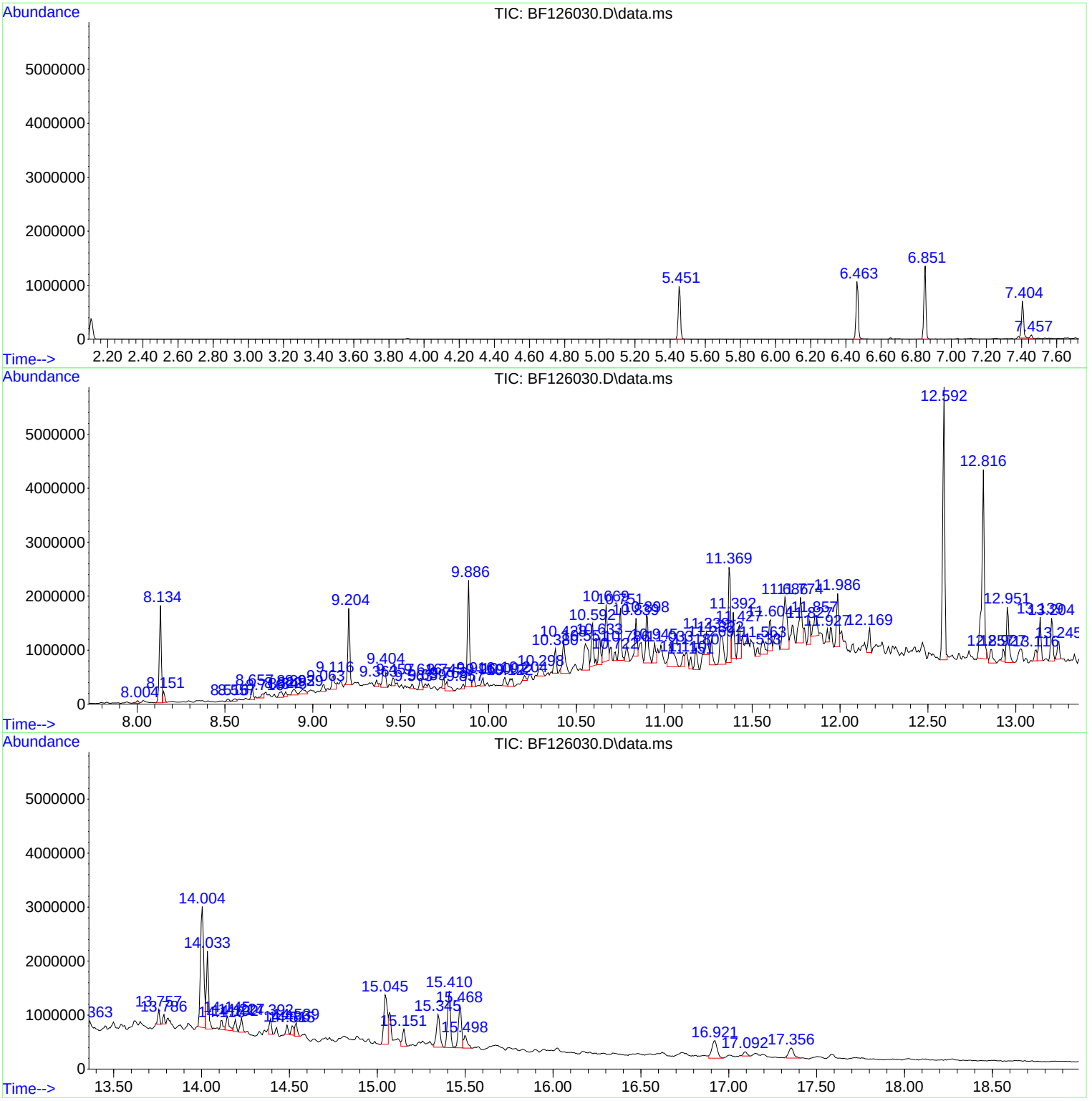
Sum of corrected areas: 54973204

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

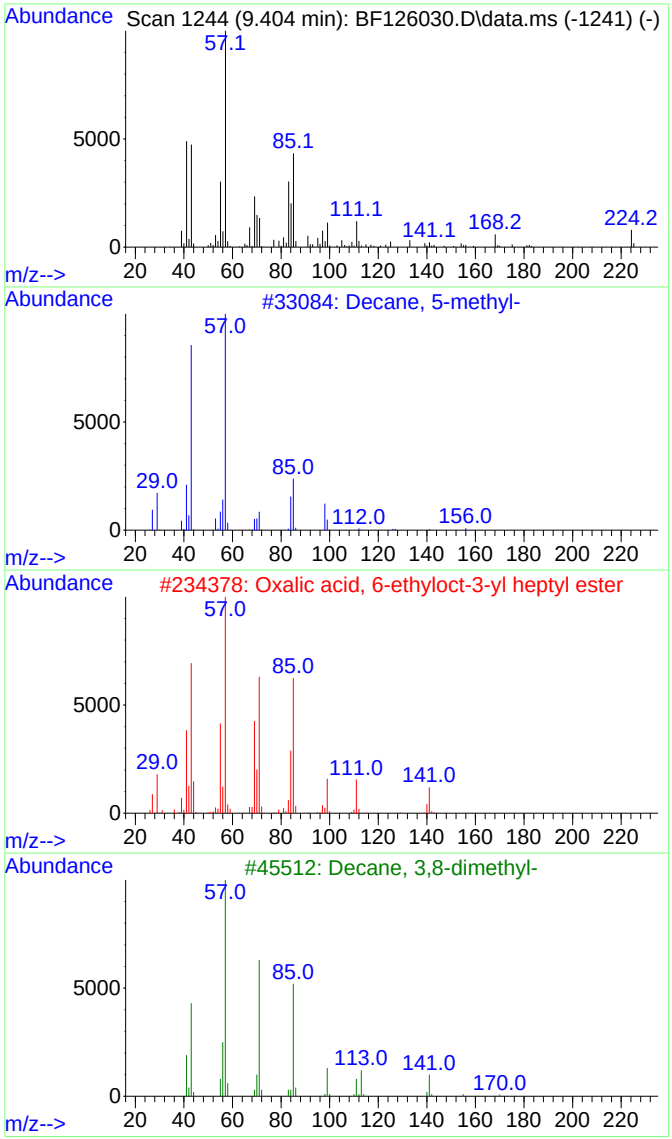
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

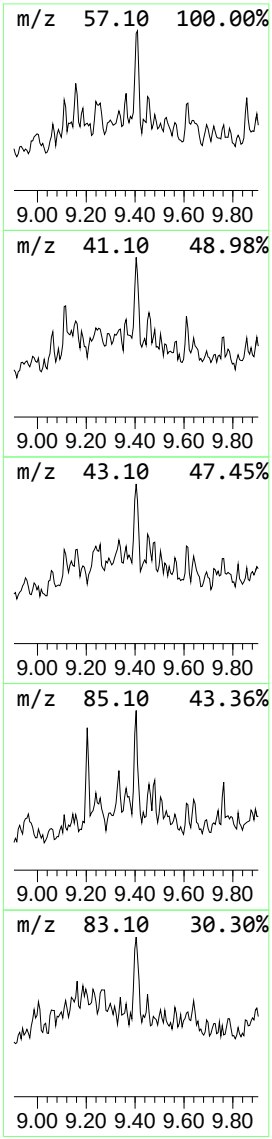
****

Peak Number 1 Decane, 5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	5.53 ng	452291	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	50
2	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	50
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46
4	tert-Butyldimethylsilyl nitrile	141	C7H15NSi	056522-24-8	43
5	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

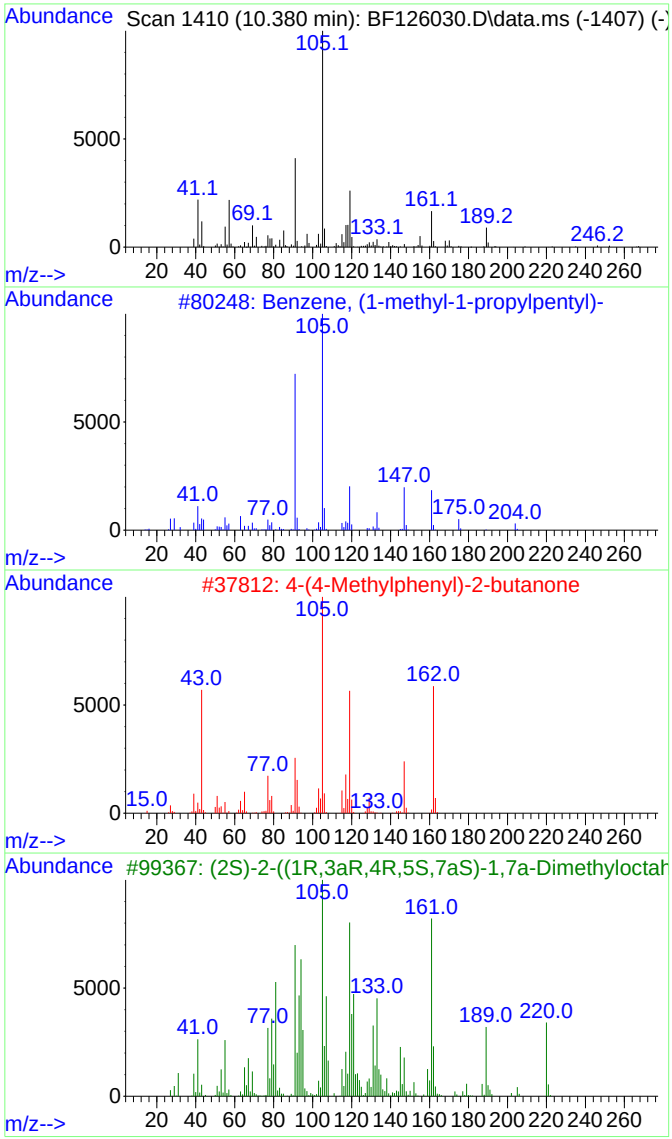
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

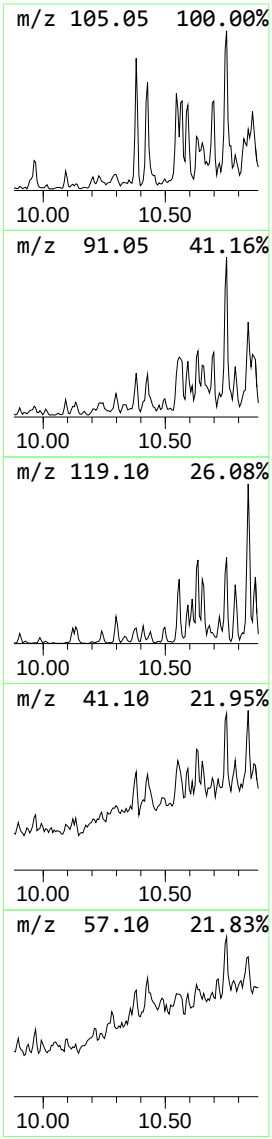
****

Peak Number 2 unknown10.381 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.381	4.95 ng	404285	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propylpentyl)-	204	C15H24	054932-91-1	37
2	4-(4-Methylphenyl)-2-butanone	162	C11H14O	007774-79-0	37
3	(2S)-2-((1R,3aR,4R,5S,7aS)-1,7a-...	220	C15H24O	030810-34-5	32
4	4-Oxo-4-phenylbutyric acid, pent...	388	C25H40O3	1000405-98-6	12
5	4-Oxo-4-phenylbutyric acid, hexy...	262	C16H22O3	1000405-97-7	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

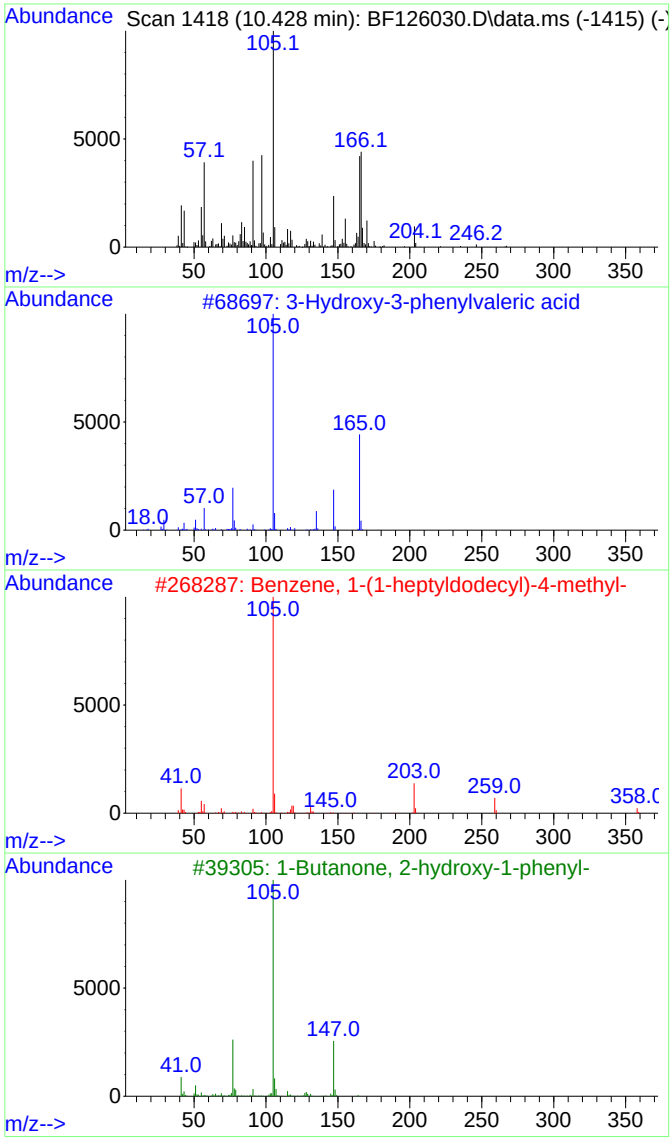
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

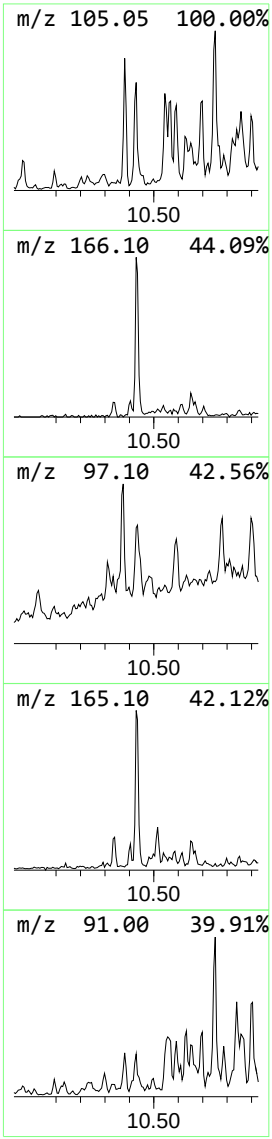
****

Peak Number 3 unknown10.428 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	8.55 ng	698772	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-3-phenylvaleric acid	194	C11H14O3	013278-26-7	25
2	Benzene, 1-(1-heptyldodecyl)-4-m...	358	C26H46	055191-36-1	10
3	1-Butanone, 2-hydroxy-1-phenyl-	164	C10H12O2	016183-46-3	10
4	Tartaric acid, d-O-iphenyl-, dim...	330	C18H18O6	1000151-25-2	9
5	N-(2-Bromophenyl)-N'-(4-methylbe...	374	C18H19BrN2O2	328019-20-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

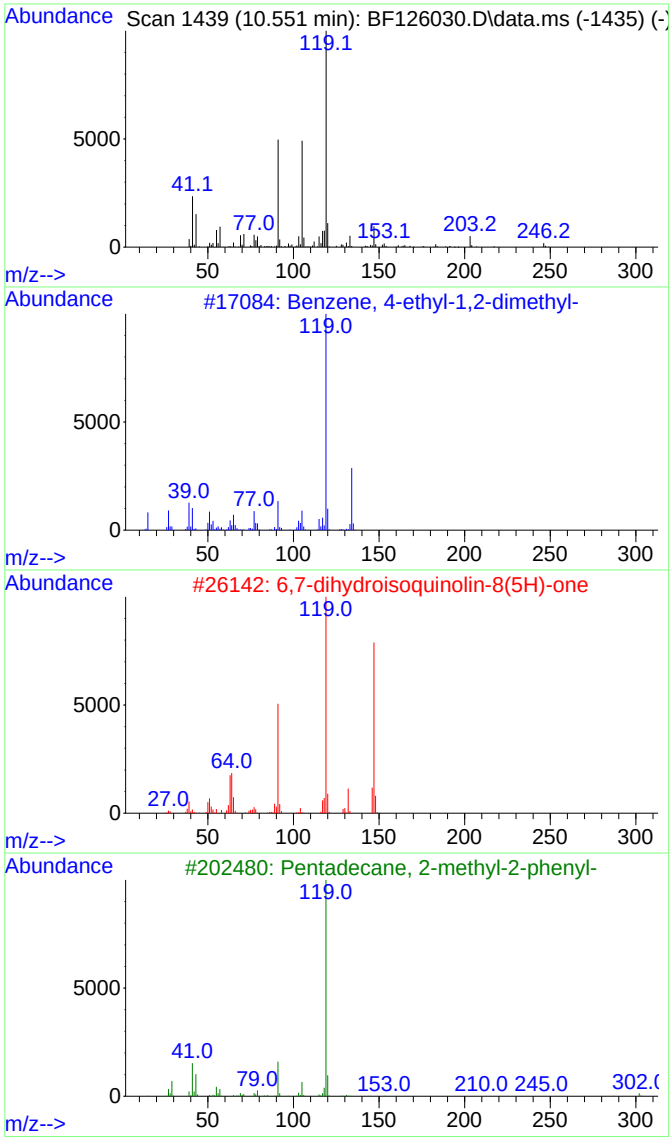
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

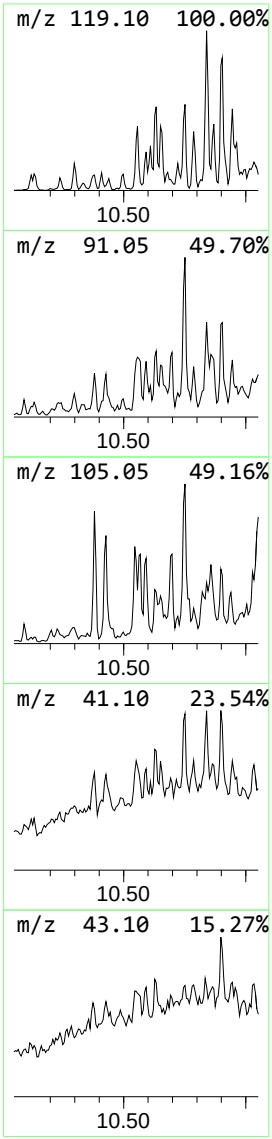
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	10.29 ng	840827	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
2	6,7-dihydroisoquinolin-8(5H)-one	147	C9H9NO	021917-88-4	64
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59
4	2-Isothiocyanato-2,4-dimethyl-4-...	233	C14H19NS	1000293-27-6	59
5	Butyric acid, 2-phenyl-, 2,3-dic...	308	C16H14Cl2O2	1000406-86-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

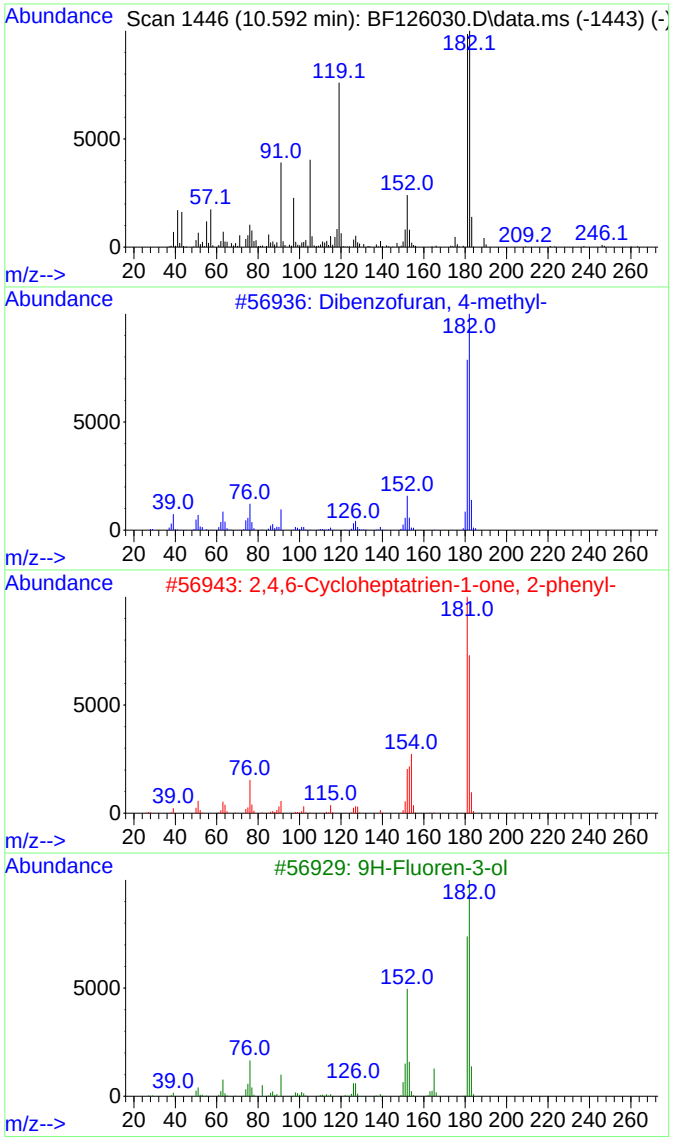
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

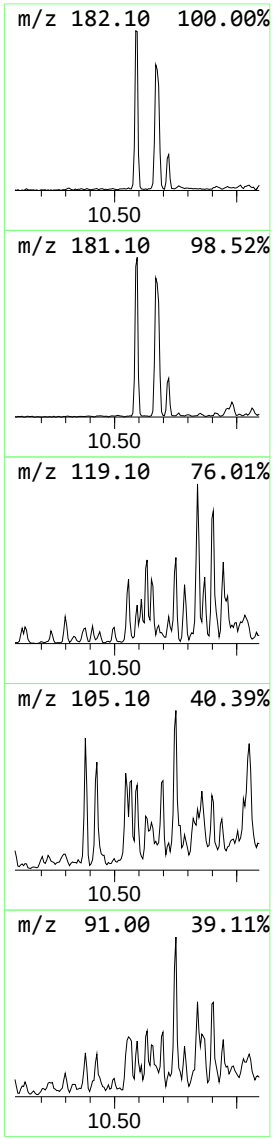
****

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	8.99 ng	734733	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	60
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	49
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	49
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

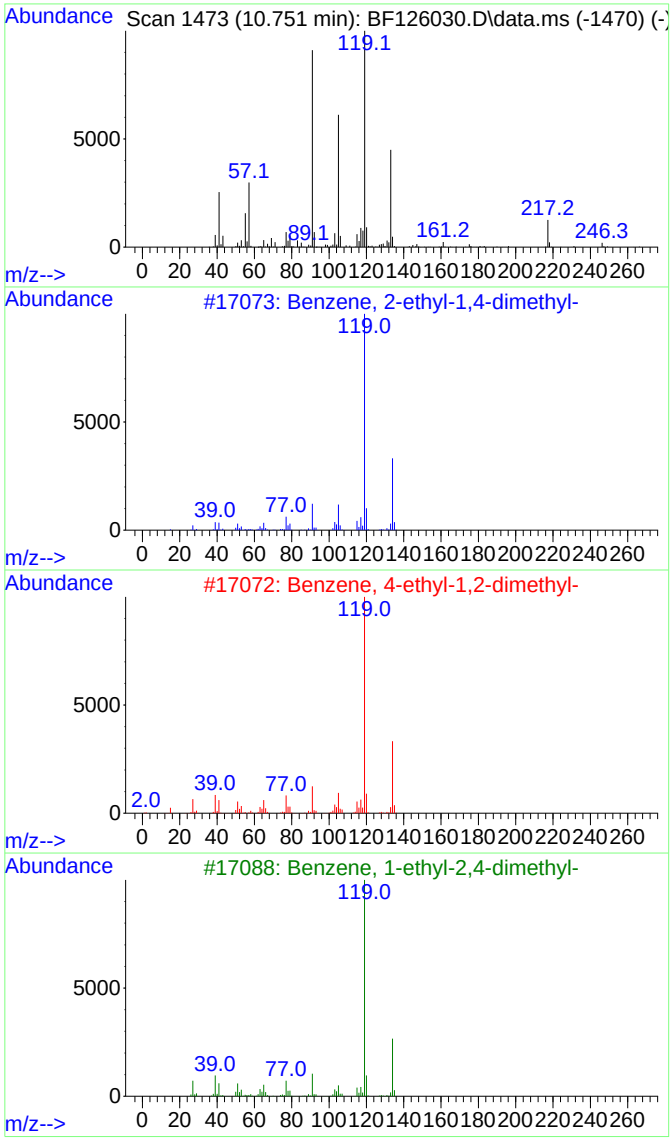
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

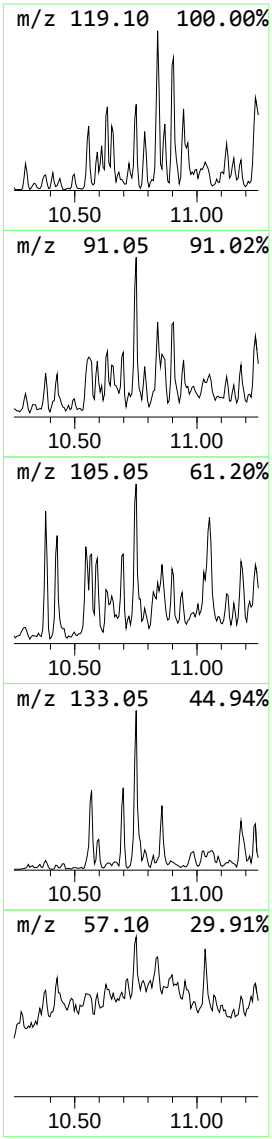
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	10.13 ng	808614	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	53
4	Diglycolic acid, di(2-acetylphen...	370	C20H18O7	1000382-73-0	50
5	Diglycolic acid, 2-acetylphenyl ...	322	C17H22O6	1000382-72-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

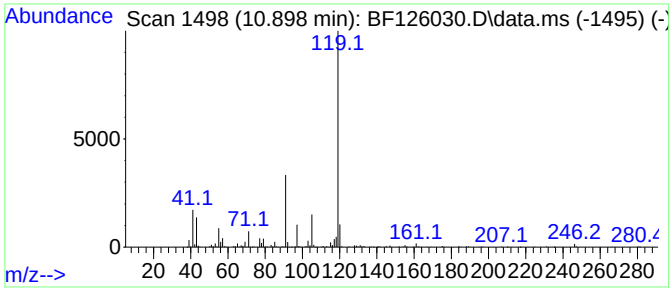
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

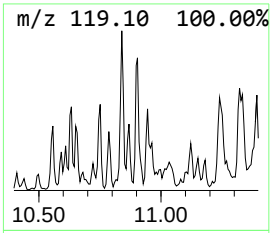
****

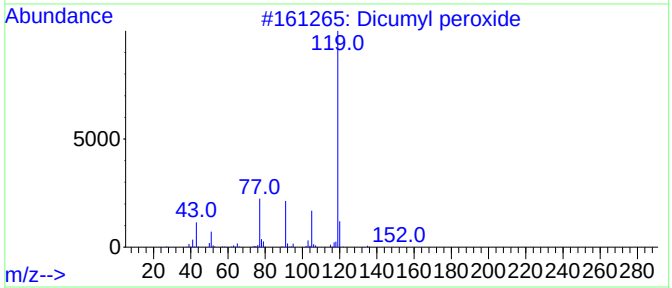
Peak Number 8 Dicumyl peroxide Concentration Rank 5

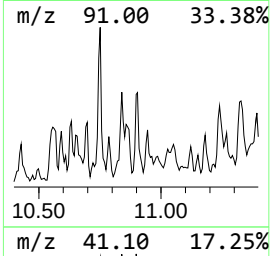
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.898	11.58 ng	924214	Phenanthrene-d10	11.369

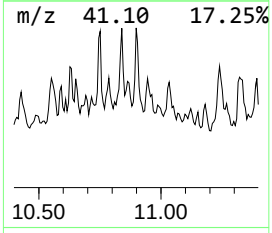
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicumyl peroxide	270	C18H22O2	000080-43-3	72
2	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	72
3	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	64
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	64
5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64

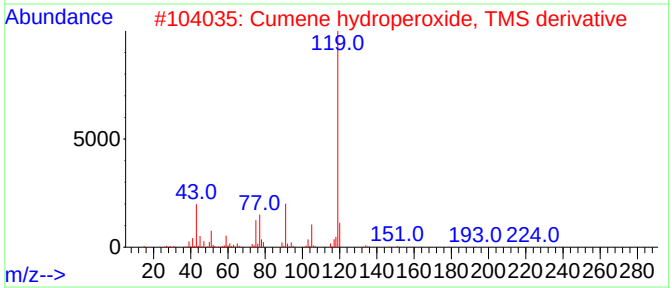


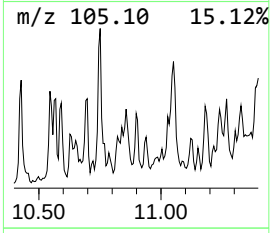


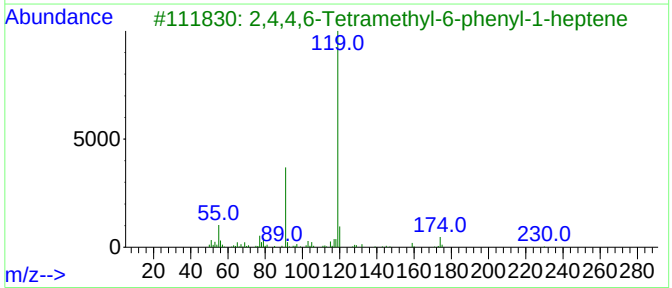


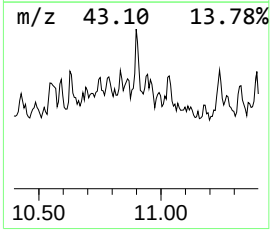












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

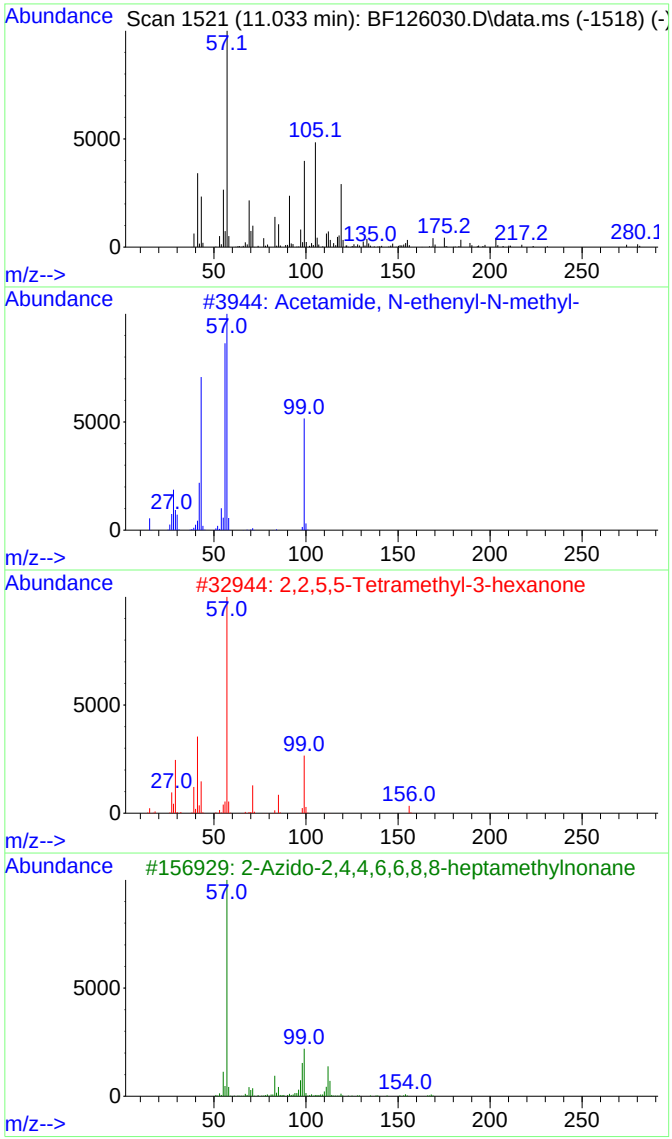
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

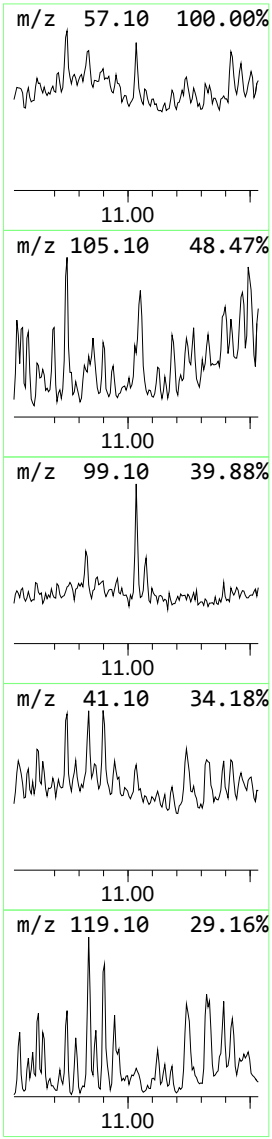
****

Peak Number 9 unknown11.033 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.033	10.05 ng	802259	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	43
2	2,2,5,5-Tetramethyl-3-hexanone	156	C10H20O	000868-91-7	35
3	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	27
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	25
5	Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

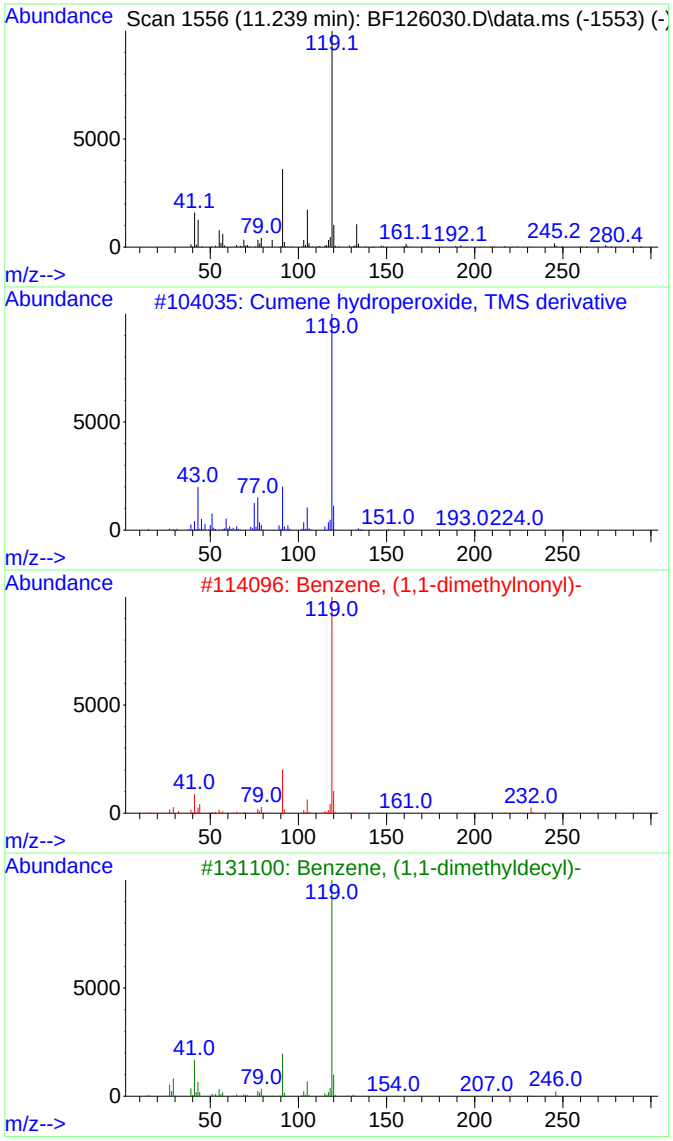
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

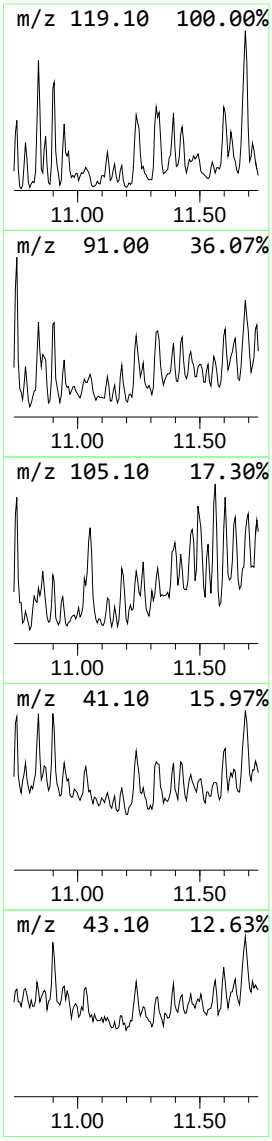
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cumene hydroperoxide, TMS d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	5.37 ng	428736	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	64
2	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	59
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
5	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

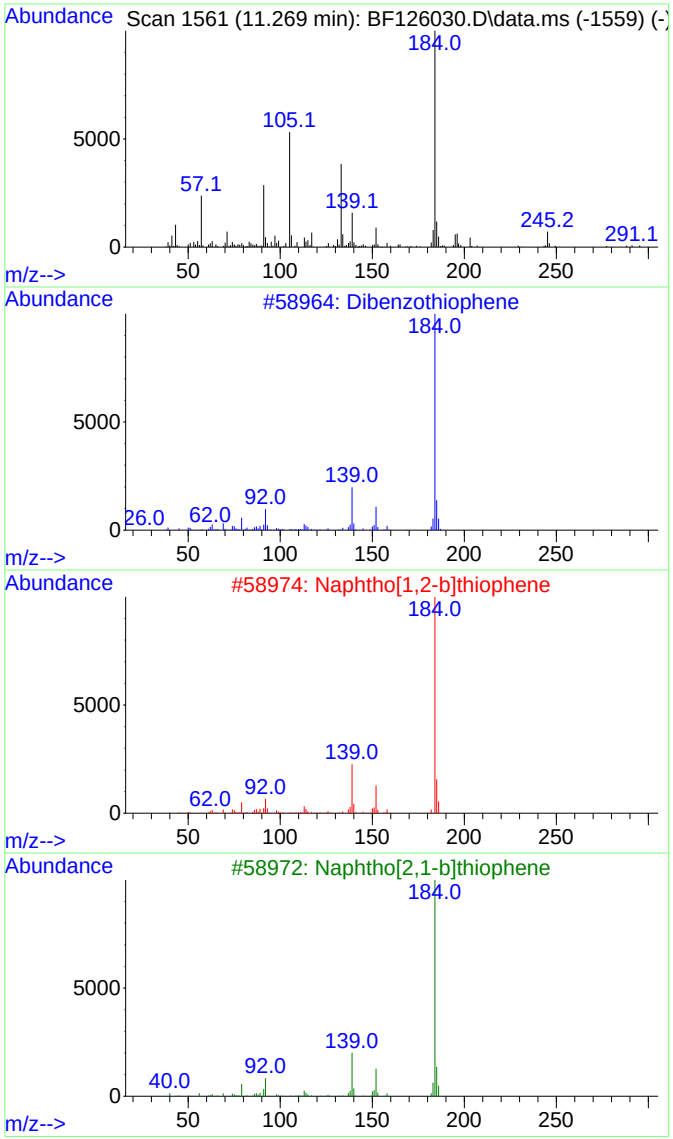
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

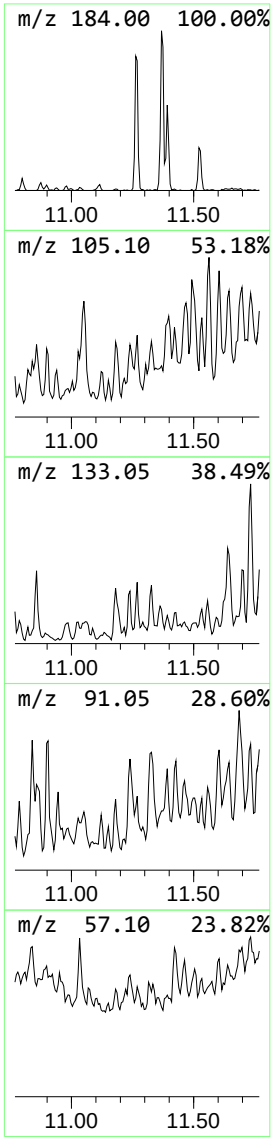
****

Peak Number 11 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	5.08 ng	405162	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	83
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	83
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	64
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	50
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

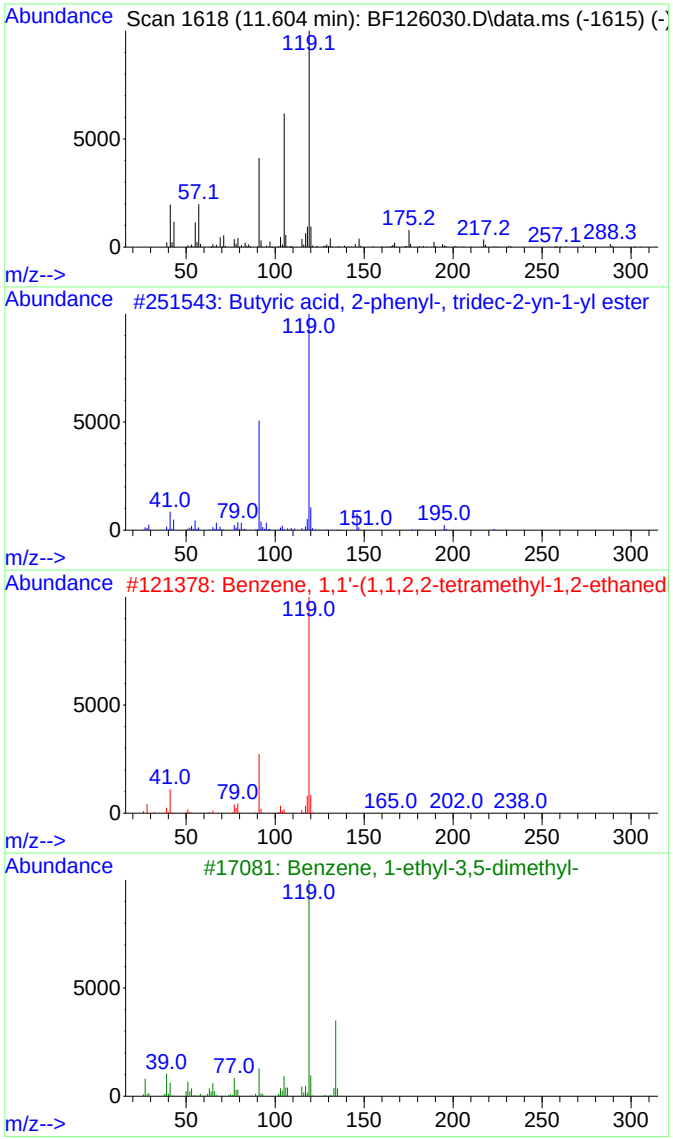
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

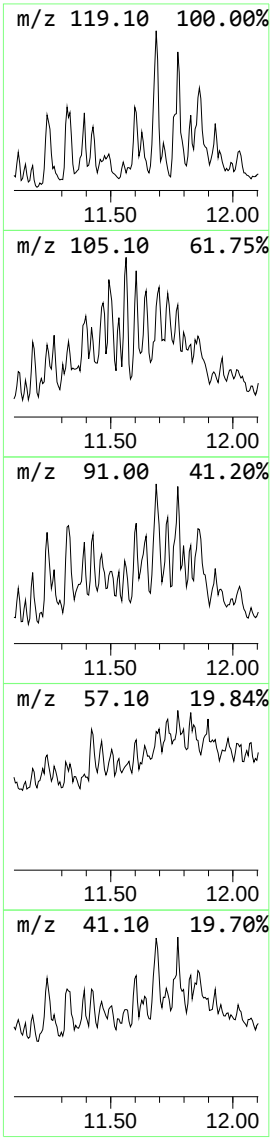
****

Peak Number 12 Butyric acid, 2-phenyl-, tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.604	7.67 ng	612457	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyric acid, 2-phenyl-, tridec-...	342	C23H34O2	1000406-92-1	64
2	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	64
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
4	Cyclohexanone, 5-methyl-2-(1-met...	230	C16H22O	097275-48-4	59
5	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

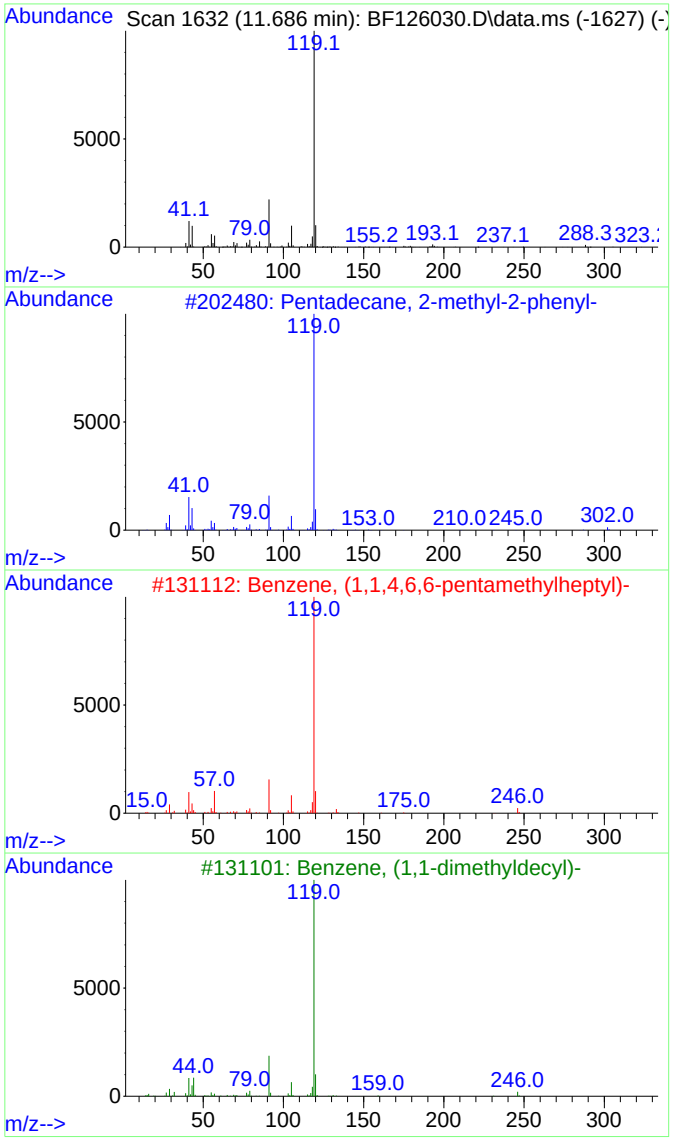
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

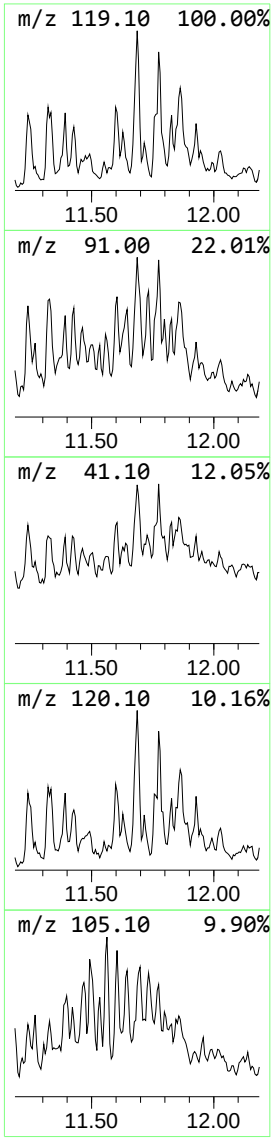
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pentadecane, 2-methyl-2-phe... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	19.64 ng	1567580	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	86
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	78
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

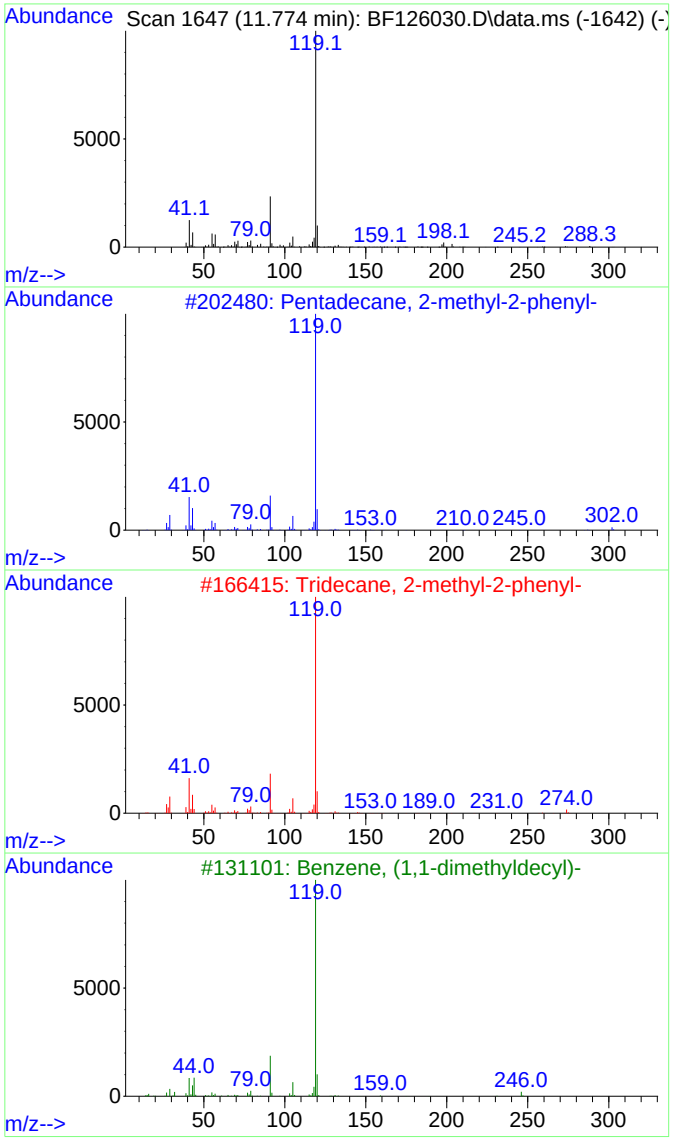
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

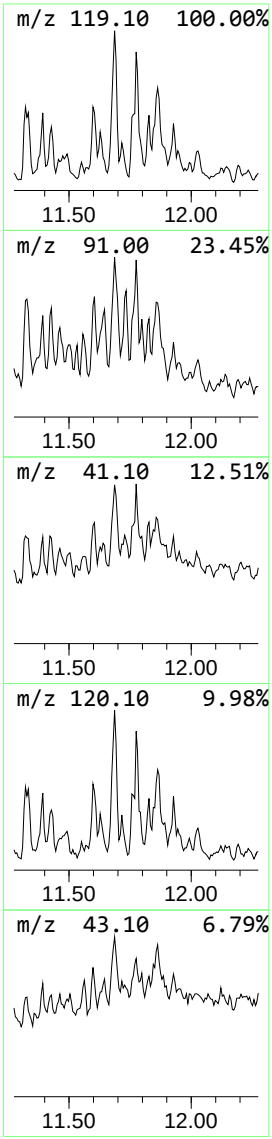
****

Peak Number 14 Tridecane, 2-methyl-2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	13.57 ng	1083010	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	80
2	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	72
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	72
4	Butyric acid, 2-phenyl-, tridec-...	342	C23H34O2	1000406-92-1	72
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

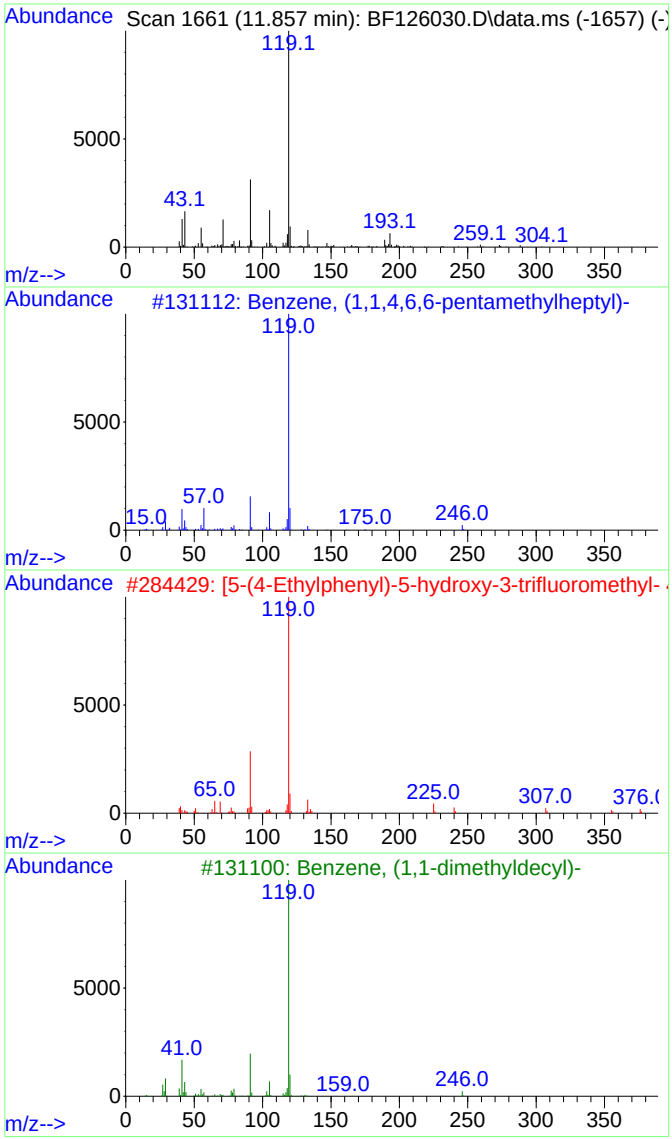
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

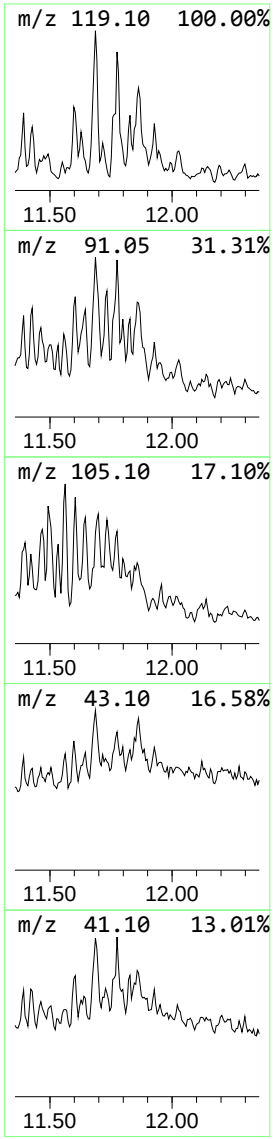
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (1,1,4,6,6-pentame... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	7.27 ng	580524	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	72
2	[5-(4-Ethylphenyl)-5-hydroxy-3-t...	376	C20H19F3N2O2	1000311-59-5	64
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59
4	2-Methyl-2-(4-methylbenzoyl)malo...	198	C12H10N2O	1000326-92-9	59
5	Butyric acid, 2-phenyl-, tridec-...	342	C23H34O2	1000406-92-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

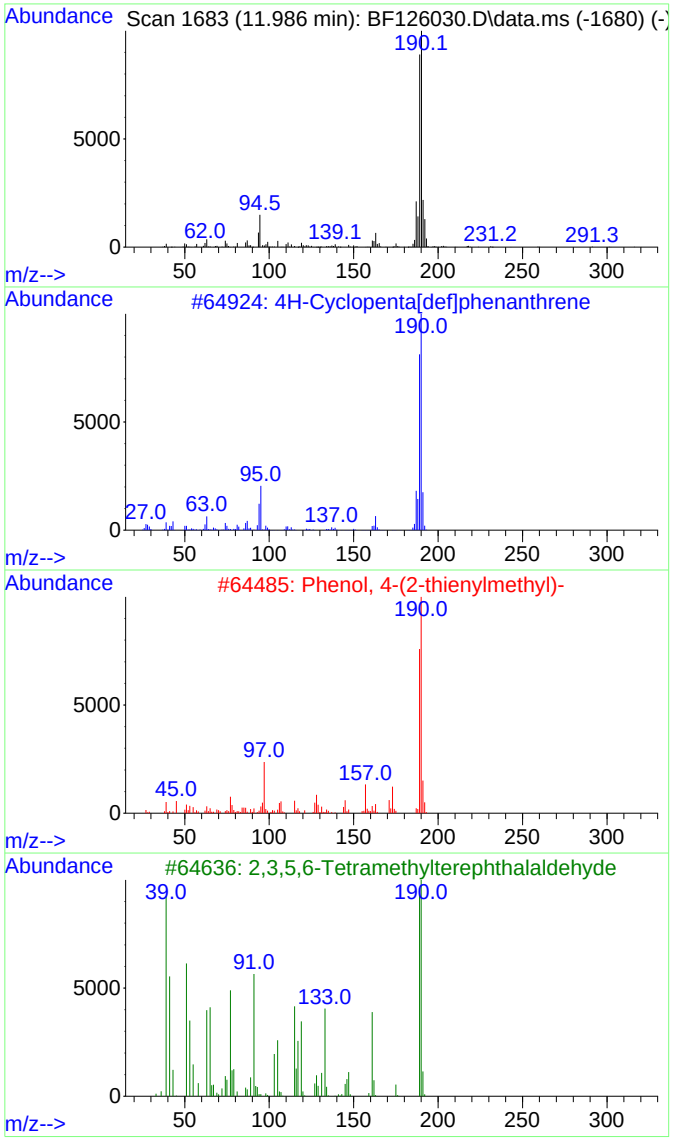
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

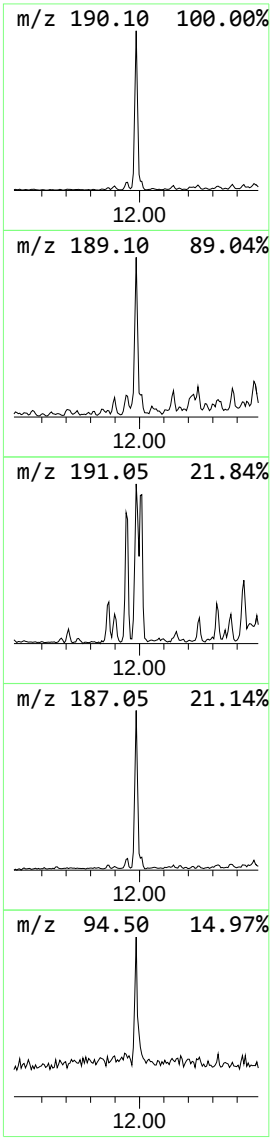
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	11.74 ng	937158	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

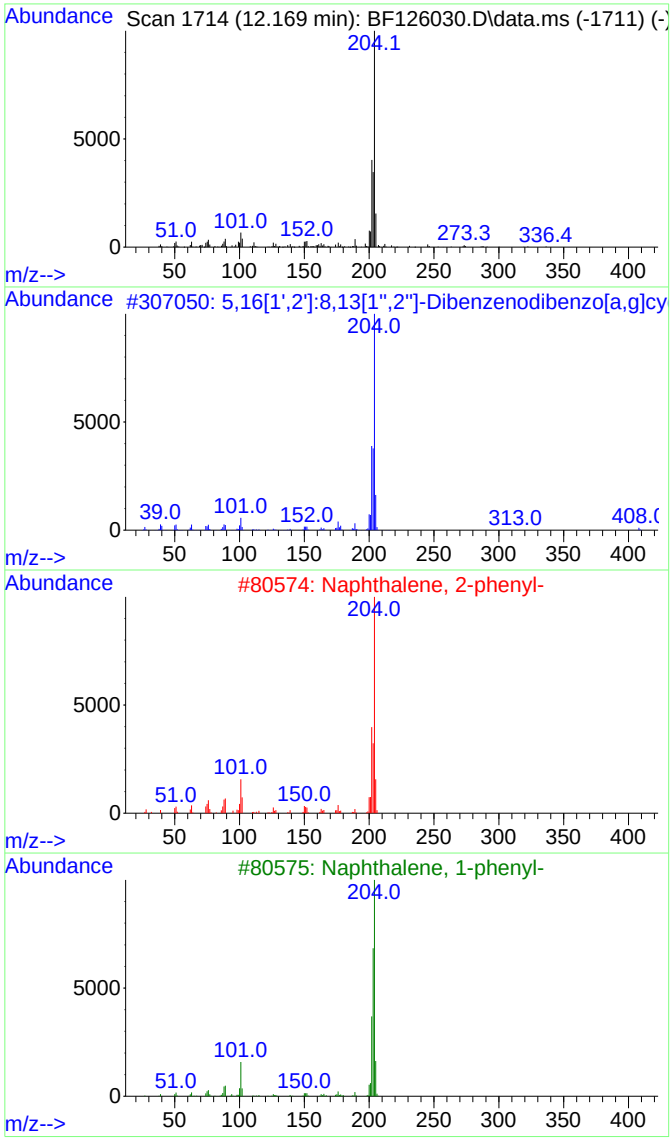
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

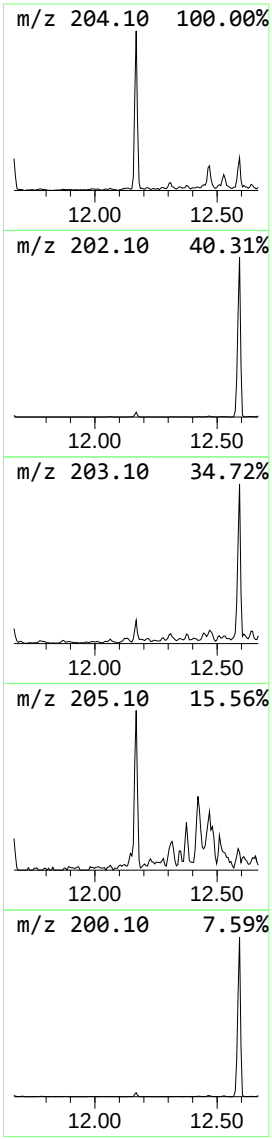
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.169	4.74 ng	378746	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	benzene, 1,1'-(1-cyclobutene-1,2...	274	C16H12Cl2	1000397-05-3	50
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

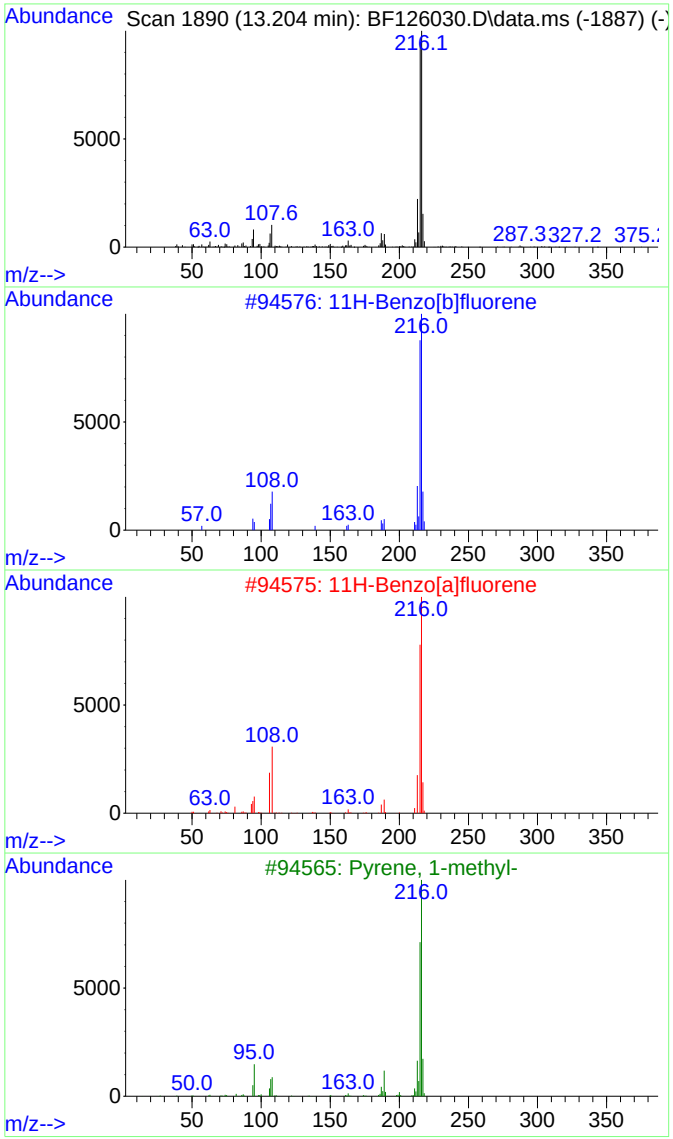
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

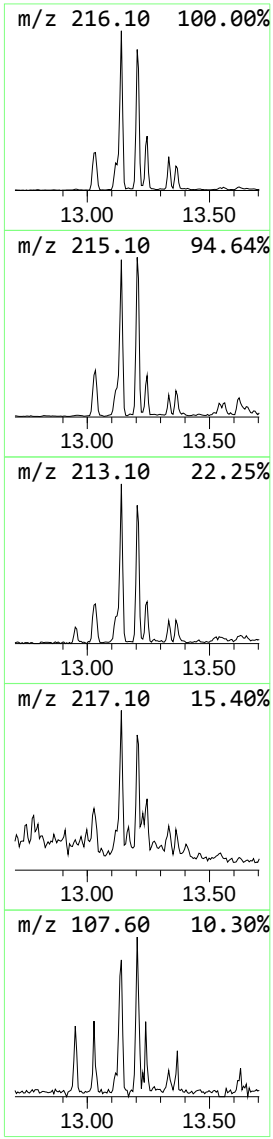
****

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	4.86 ng	715785	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

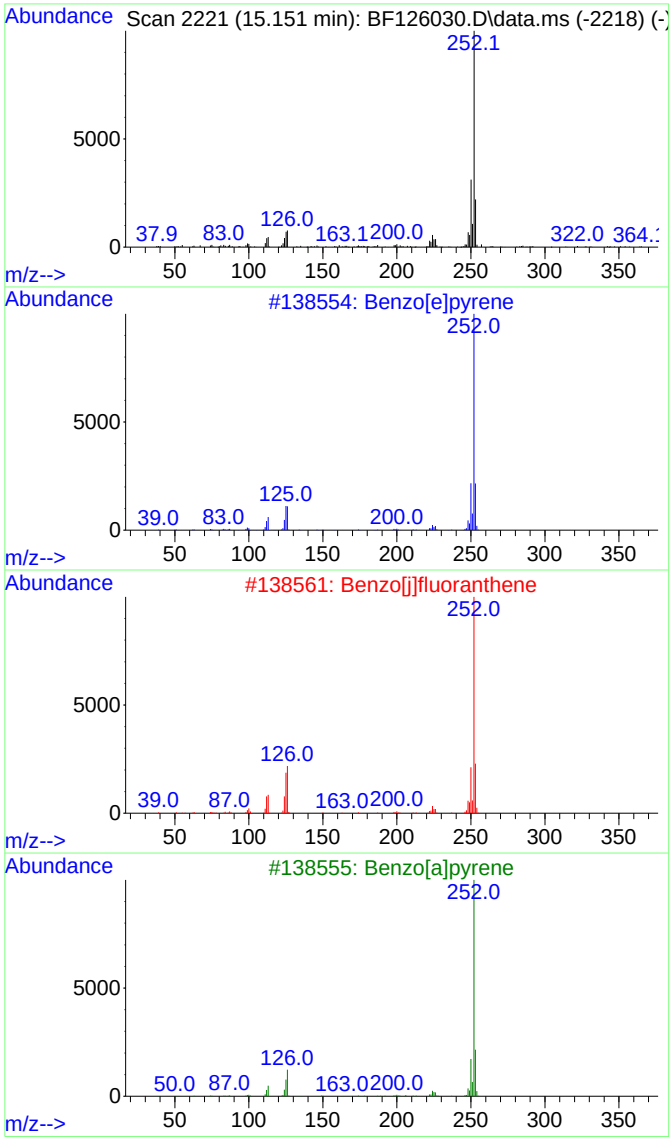
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

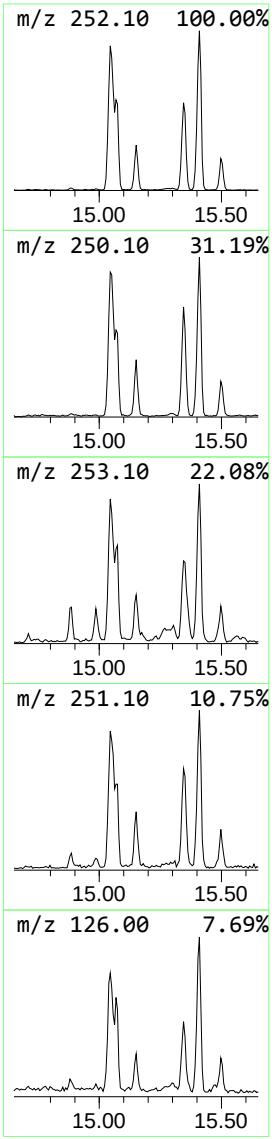
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	6.63 ng	325586	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	83
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126030.D
Acq On : 3 Nov 2021 20:56
Operator : JU/CG
Sample : M4427-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDR-BH-4-20211029-7.5-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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
Decane, 5-methyl-	9.404	5.5	ng	452291	3	9.886	1634760	20.0
unknown10.381	10.381	5.0	ng	404285	3	9.886	1634760	20.0
unknown10.428	10.428	8.6	ng	698772	3	9.886	1634760	20.0
Benzene, 4-ethy...	10.551	10.3	ng	840827	3	9.886	1634760	20.0
Dibenzofuran, 4...	10.592	9.0	ng	734733	3	9.886	1634760	20.0
Benzene, 2-ethy...	10.751	10.1	ng	808614	4	11.369	1596530	20.0
Dicumyl peroxide	10.898	11.6	ng	924214	4	11.369	1596530	20.0
unknown11.033	11.033	10.1	ng	802259	4	11.369	1596530	20.0
Cumene hydroper...	11.239	5.4	ng	428736	4	11.369	1596530	20.0
Dibenzothiophene	11.269	5.1	ng	405162	4	11.369	1596530	20.0
Butyric acid, 2...	11.604	7.7	ng	612457	4	11.369	1596530	20.0
Pentadecane, 2-...	11.686	19.6	ng	1567580	4	11.369	1596530	20.0
Tridecane, 2-me...	11.775	13.6	ng	1083010	4	11.369	1596530	20.0
Benzene, (1,1,4...	11.857	7.3	ng	580524	4	11.369	1596530	20.0
4H-Cyclopenta[d...	11.986	11.7	ng	937158	4	11.369	1596530	20.0
5,16[1',2']:8,1...	12.169	4.7	ng	378746	4	11.369	1596530	20.0
11H-Benzo[b]flu...	13.204	4.9	ng	715785	5	14.010	2942630	20.0
Benzo[e]pyrene	15.151	6.6	ng	325586	6	15.468	982535	20.0