LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

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-BF090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139329.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	7	15	21	rVB	2628476	4231509	98.42%	9.023%
2	2.999	143	154	163	rBV	125227	226199	5.26%	0.482%
3	4.475	399	405	412	rBV	113132	158543	3.69%	0.338%
4	5.093	502	510	516	rVB	58581	89579	2.08%	0.191%
5	5.498	573	579	584	rBV	1034552	1387737	32.28%	2.959%
6	6.504	744	750	757	rVB	858627	1140738	26.53%	2.432%
7	6.704	777	784	789	rBV	36783	52911	1.23%	0.113%
8	6.881	809	814	819	rBV	528455	640020	14.89%	1.365%
9	7.440	901	909	914	rBV	819179	1054085	24.52%	2.248%
10	7.692	947	952	959	rVB2	45459	61360	1.43%	0.131%
11	7.898	980	987	992	rVB	51575	75141	1.75%	0.160%
12	8.187	1033	1036	1041	rVB	1040259	1343528	31.25%	2.865%
13	8.234	1041	1044	1049	rVB	79782	99602	2.32%	0.212%
14	8.475	1081	1085	1094	rVV	213292	332513	7.73%	0.709%
15	8.545	1094	1097	1103	rVB3	42530	60518	1.41%	0.129%
16	8.751	1128	1132	1136	rVB	89755	105273	2.45%	0.224%
17	8.828	1141	1145	1148	rVB2	38268	47335	1.10%	0.101%
18	8.881	1148	1154	1158	rBV	1489575	1944237	45.22%	4.146%
19	8.928	1158	1162	1165	rBV2	36868	47461	1.10%	0.101%
20	8.975	1165	1170	1175	rVB	1022953	1278620	29.74%	2.726%
21	9.239	1209	1215	1220	rVB	1489698	1883131	43.80%	4.015%
22	9.339	1225	1232	1237	rVV	332778	419173	9.75%	0.894%
23	9.434	1241	1248	1254	rVB	132988	202338	4.71%	0.431%
24	9.498	1254	1259	1265	rBV	295225	464943	10.81%	0.991%
25	9.575	1267	1272	1275	rVV	497650	711783	16.56%	1.518%
26	9.604	1275	1277	1281	rVB	275972	279662	6.50%	0.596%
27	9.692	1288	1292	1298	rBV	168989	275285	6.40%	0.587%
28	9.775	1302	1306	1311	rVB	166934	216330	5.03%	0.461%
29	9.916	1323	1330	1333	rBV2	710564	1178061	27.40%	2.512%
30	9.957	1333	1337	1341	rVV	2816289	3721489	86.56%	7.935%
31	10.016	1345	1347	1351	rVV3	47391	72548	1.69%	0.155%
32	10.075	1351	1357	1361	rVV2	142000	234687	5.46%	0.500%
33	10.122	1361	1365	1370	rVV	1580582	2090589	48.62%	4.458%
34	10.157	1370	1371	1374	rVV	51431	47725	1.11%	0.102%
35	10.192	1374	1377	1380	rVV	65672	78128	1.82%	0.167%
36	10.234	1380	1384	1387	rVV2	60077	78347	1.82%	0.167%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

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-BF090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.322	1394	1399	1401	rBV	63615	91541	2.13%	0.195%
38	10.345	1401	1403	1409	rVB2	64502	70462	1.64%	0.150%
39	10.416	1409	1415	1418	rBV2	44669	72913	1.70%	0.155%
40	10.469	1418	1424	1429	rBV	2535177	3312124	77.04%	7.062%
41	10.551	1436	1438	1444	rVB2	144218	155082	3.61%	0.331%
42	10.622	1444	1450	1454	rVB2	257016	440013	10.23%	0.938%
43	10.704	1454	1464	1469	rBV	1382538	1911107	44.45%	4.075%
44	10.751	1469	1472	1476	rVB	57442	74938	1.74%	0.160%
45	10.828	1478	1485	1492	rBV	187078	295206	6.87%	0.629%
46	10.892	1492	1496	1500	rBV4	50131	81175	1.89%	0.173%
47	11.010	1509	1516	1519	rBV2	226717	380828	8.86%	0.812%
48	11.039	1519	1521	1524	rVV	82826	101561	2.36%	0.217%
49	11.092	1527	1530	1534	rVV	87297	113880	2.65%	0.243%
50	11.163	1534	1542	1546	rVV4	54881	146238	3.40%	0.312%
51	11.210	1546	1550	1554	rVB	101219	129426	3.01%	0.276%
52	11.257	1554	1558	1561	rBV2	60878	112349	2.61%	0.240%
53	11.298	1561	1565	1570	rVB	330051	431805	10.04%	0.921%
54	11.433	1584	1588	1593	rVB	3055506	4299456	100.00%	9.168%
55	11.480	1593	1596	1599	rVV	250014	280905	6.53%	0.599%
56	11.510	1599	1601	1606	rVB2	51880	61093	1.42%	0.130%
57	11.633	1618	1622	1628	rBV	129805	186856	4.35%	0.398%
58	11.698	1629	1633	1636	rBV2	53033	71912	1.67%	0.153%
59	11.792	1646	1649	1657	rVB4	40146	81565	1.90%	0.174%
60	11.904	1664	1668	1669	rBV	177716	188825	4.39%	0.403%
61	11.933	1669	1673	1678	rVV	856546	1151369	26.78%	2.455%
62	11.980	1678	1681	1683	rVV	80057	106289	2.47%	0.227%
63	12.022	1683	1688	1695	rVB	461165	707077	16.45%	1.508%
64	12.198	1715	1718	1720	rBV	72007	92212	2.14%	0.197%
65	12.539	1773	1776	1781	rVB	34578	46908	1.09%	0.100%
66	12.616	1782	1789	1795	rBV	814028	1080529	25.13%	2.304%
67	12.716	1801	1806	1813	rBV2	161846	241076	5.61%	0.514%
68	12.845	1821	1828	1832	rBV	404499	641253	14.91%	1.367%
69	12.886	1832	1835	1842	rVB3	62995	93880	2.18%	0.200%
70	12.986	1847	1852	1858	rVB	1459694	1916872	44.58%	4.087%
71	13.139	1874	1878	1881	rBV	38898	55098	1.28%	0.117%
72	13.169	1881	1883	1888	rVB	66105	77622	1.81%	0.166%
73	13.239	1891	1895	1898	rBV	58498	72447	1.69%	0.154%
74	13.816	1986	1993	2000	rVB5	25067	55433	1.29%	0.118%
75	13.904	2004	2008	2020	rVB7	24785	65778	1.53%	0.140%
76	14.039	2025	2031	2044	rVV	451171	655417	15.24%	1.398%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

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-BF090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.516	2275	2282	2295	rVB2	252140	416531	9.69%	0.888%

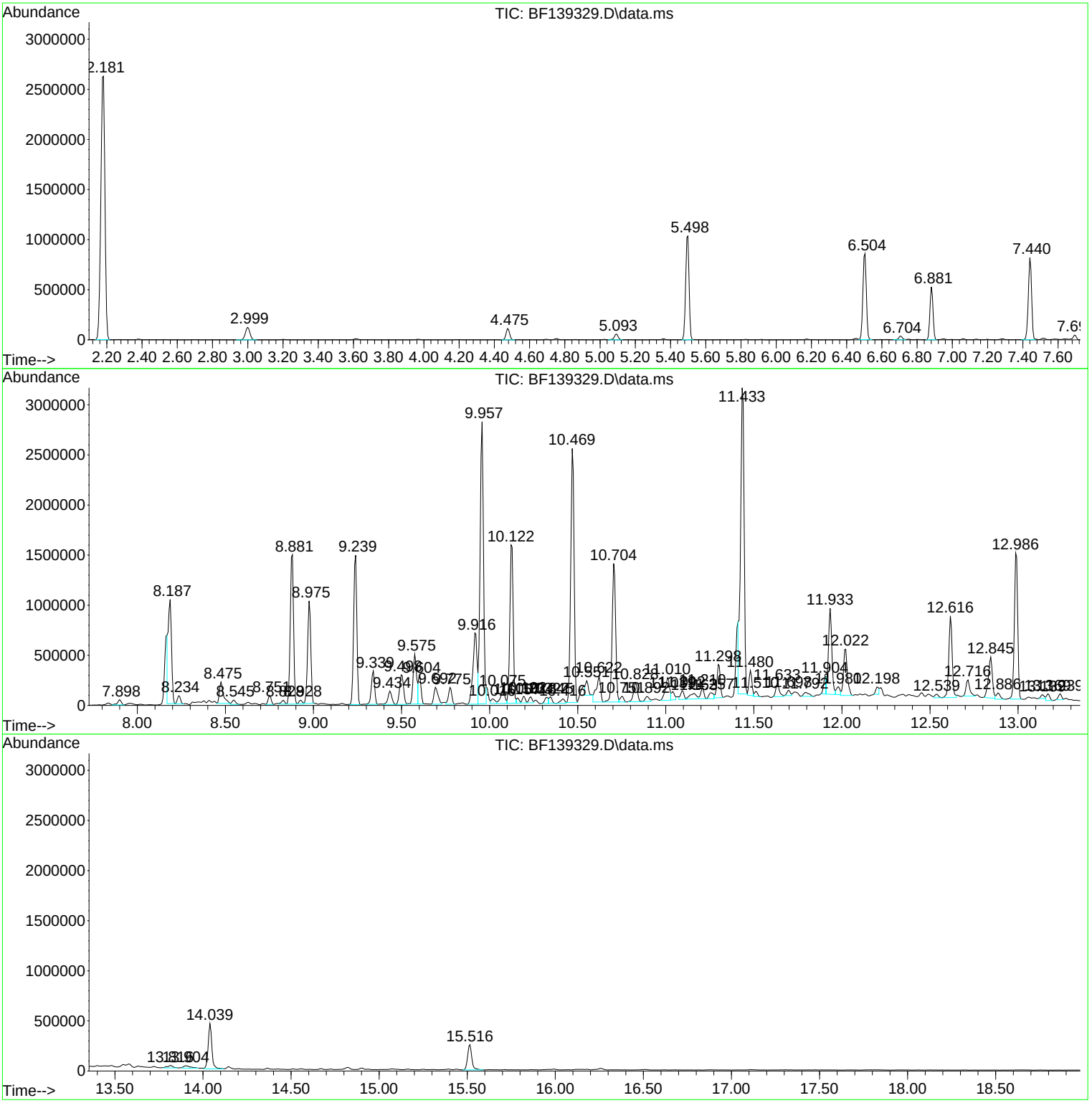
Sum of corrected areas: 46898179

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

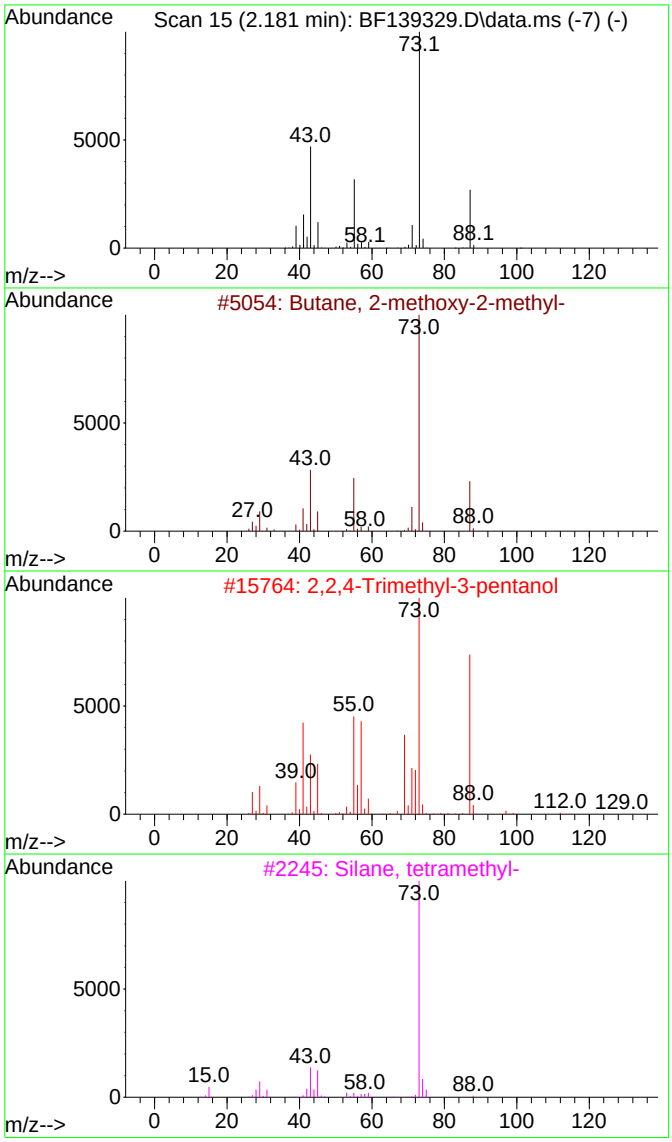
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

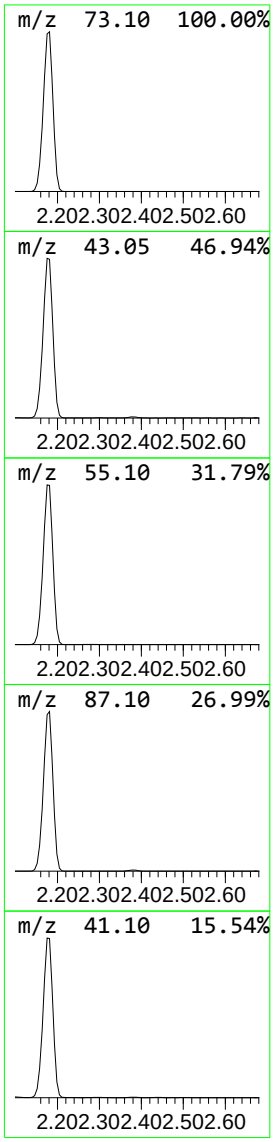
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	132.23 ng	4231510	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

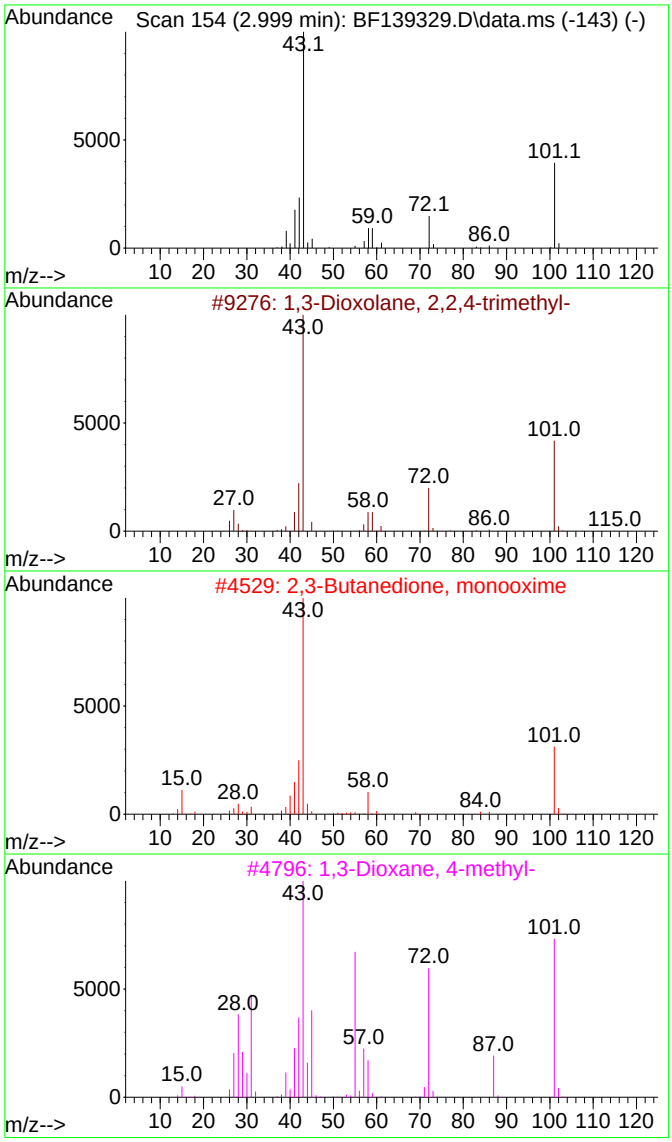
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

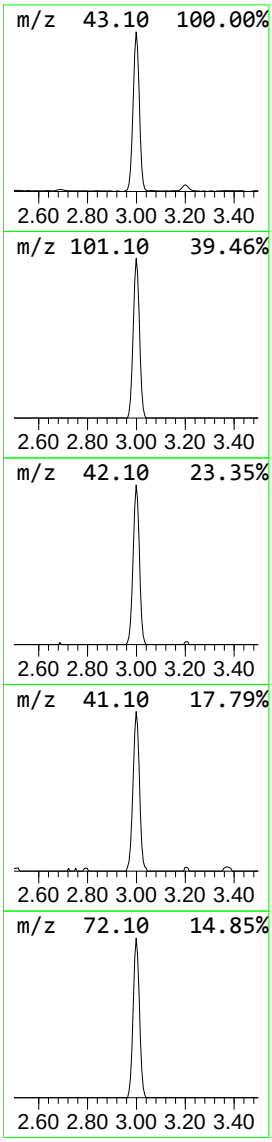
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.999	7.07 ng	226199	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	78
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	59
3	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	42
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	33
5	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

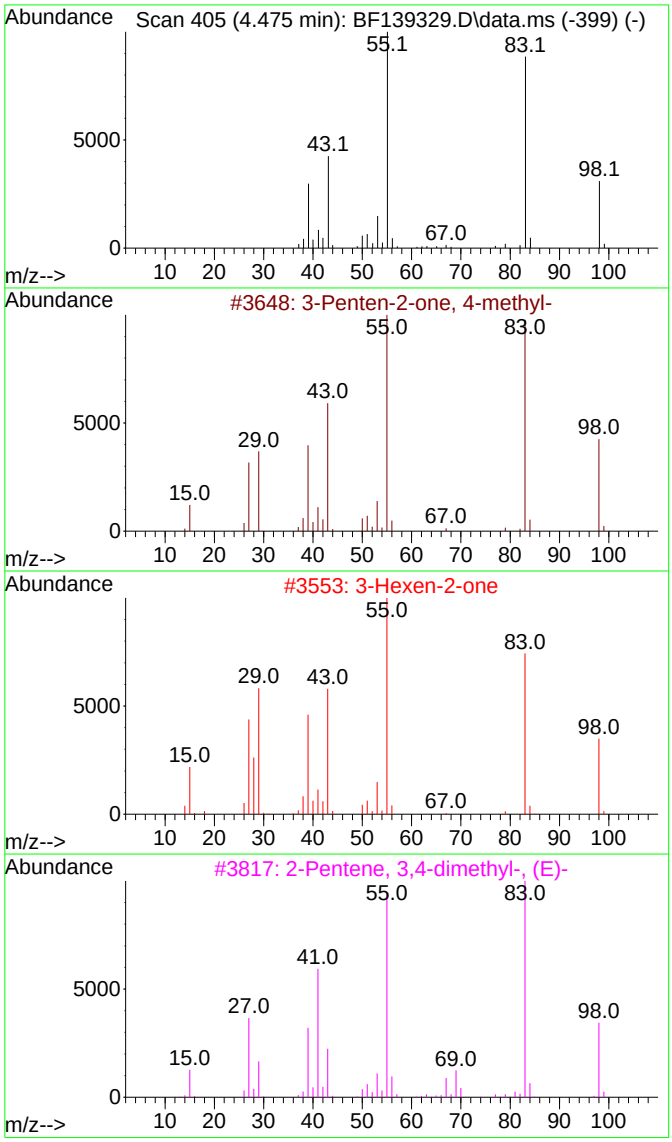
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

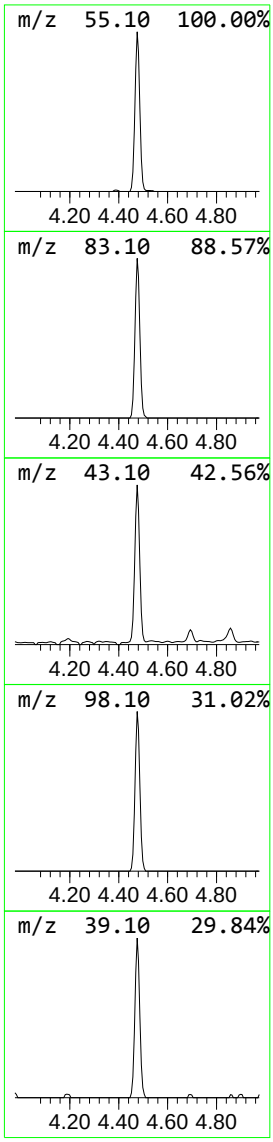
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.475	4.95 ng	158543	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

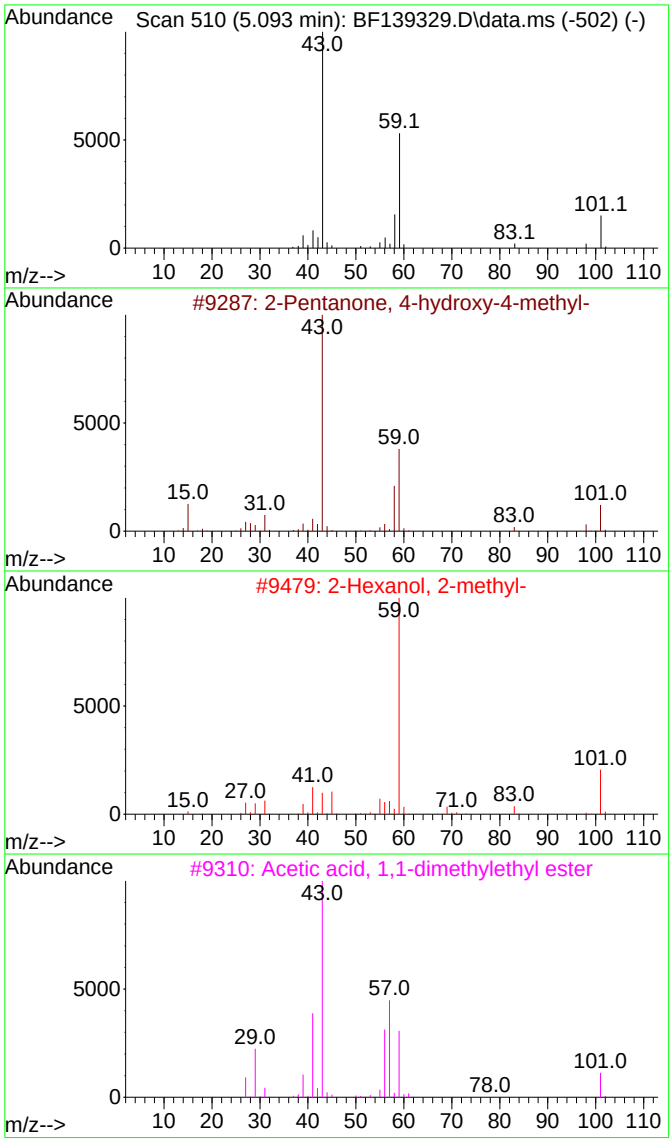
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

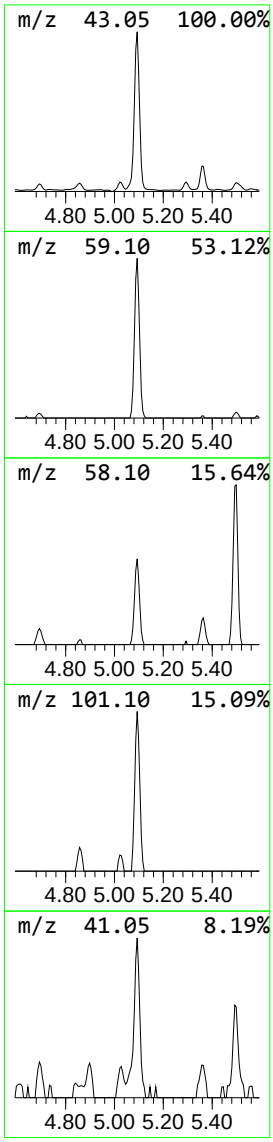
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	2.80 ng	89579	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

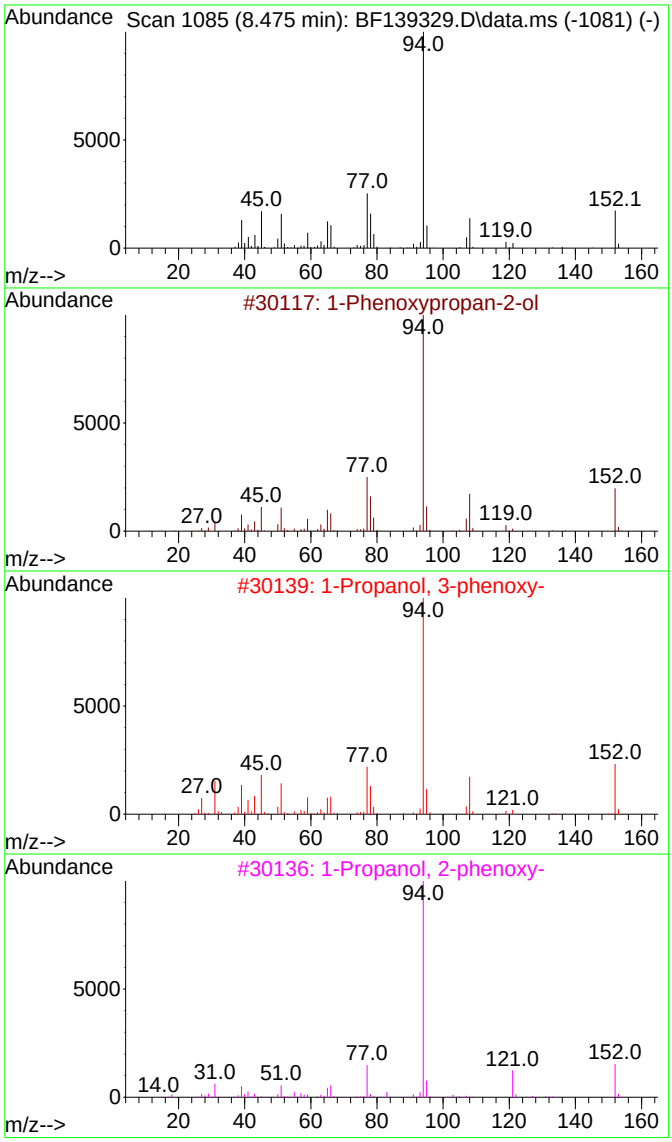
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

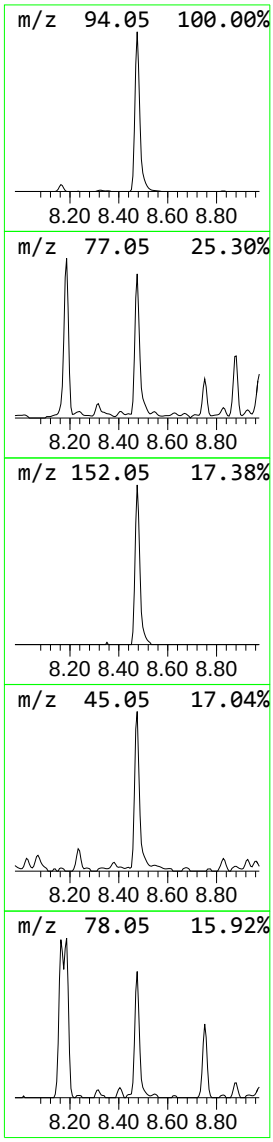
****

Peak Number 5 1-Phenoxypropan-2-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.475	4.95 ng	332513	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	97
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87
3	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64
4	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
5	3-(.alpha.-Hydroxyethyl)-aniline	137	C8H11NO	002454-37-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

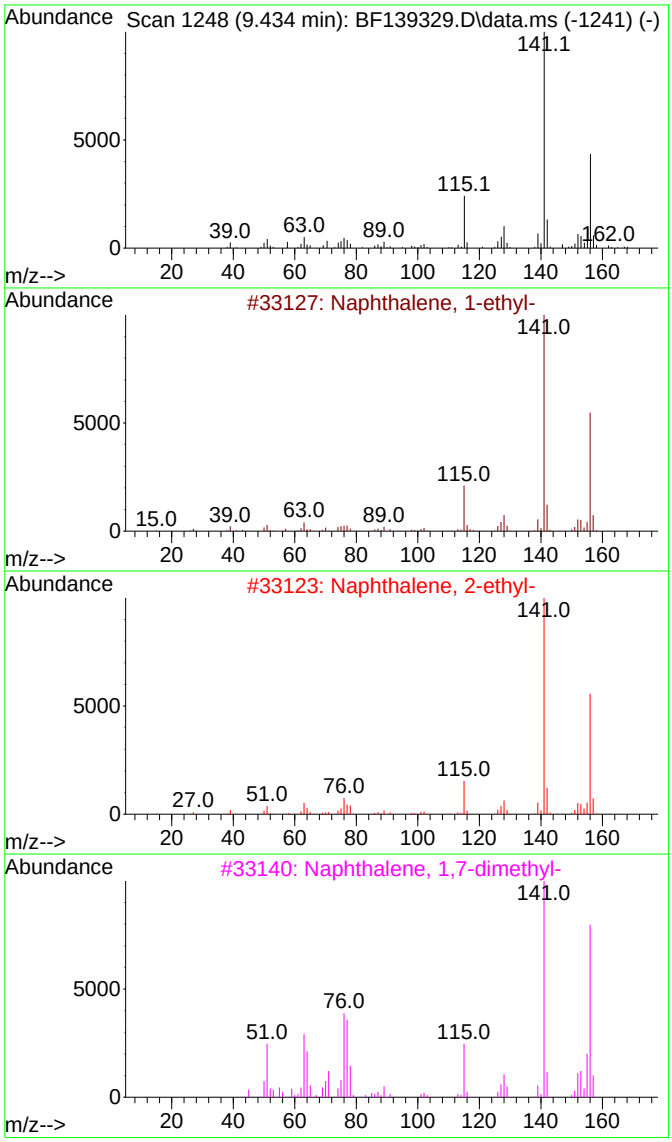
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

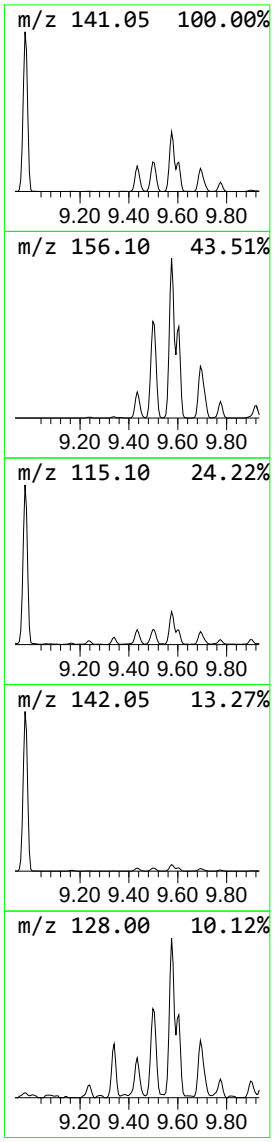
****

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.434	3.44 ng	202338	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

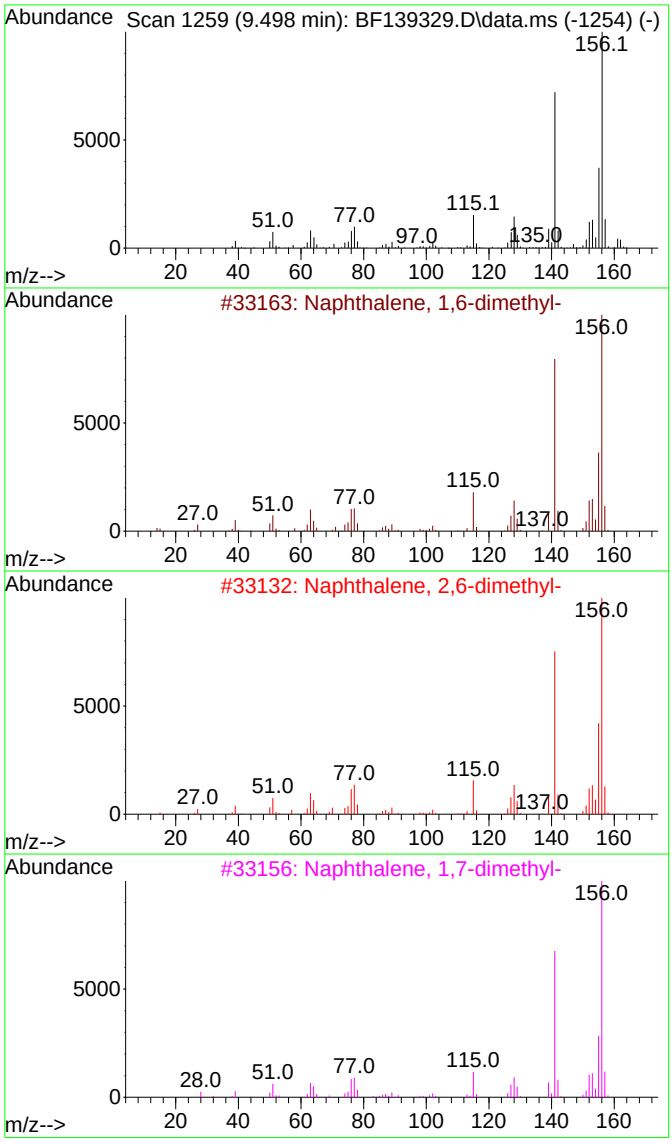
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

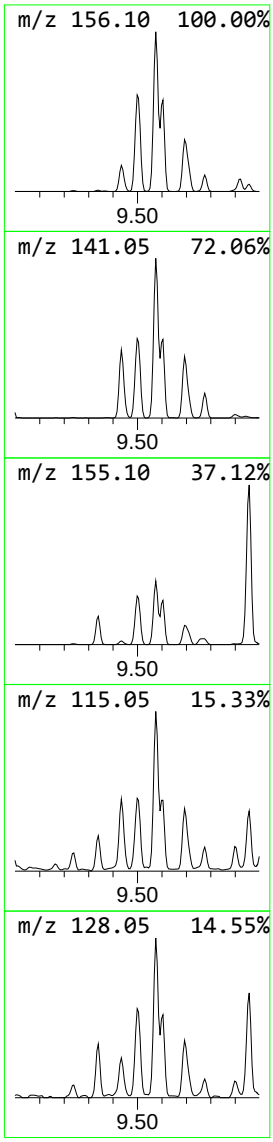
****

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	7.89 ng	464943	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

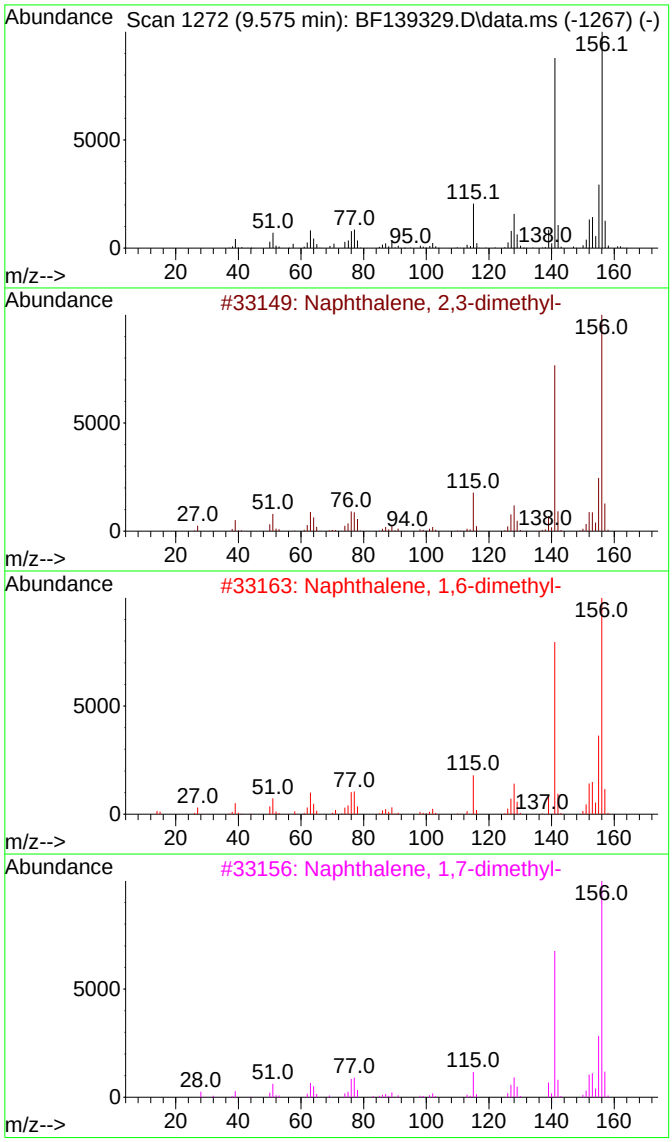
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

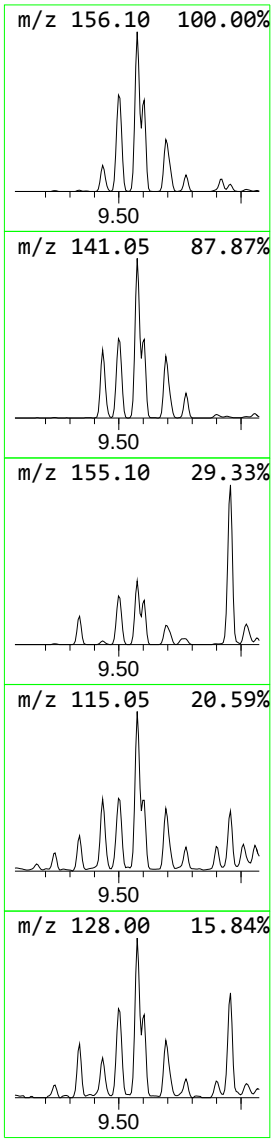
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	12.08 ng	711783	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

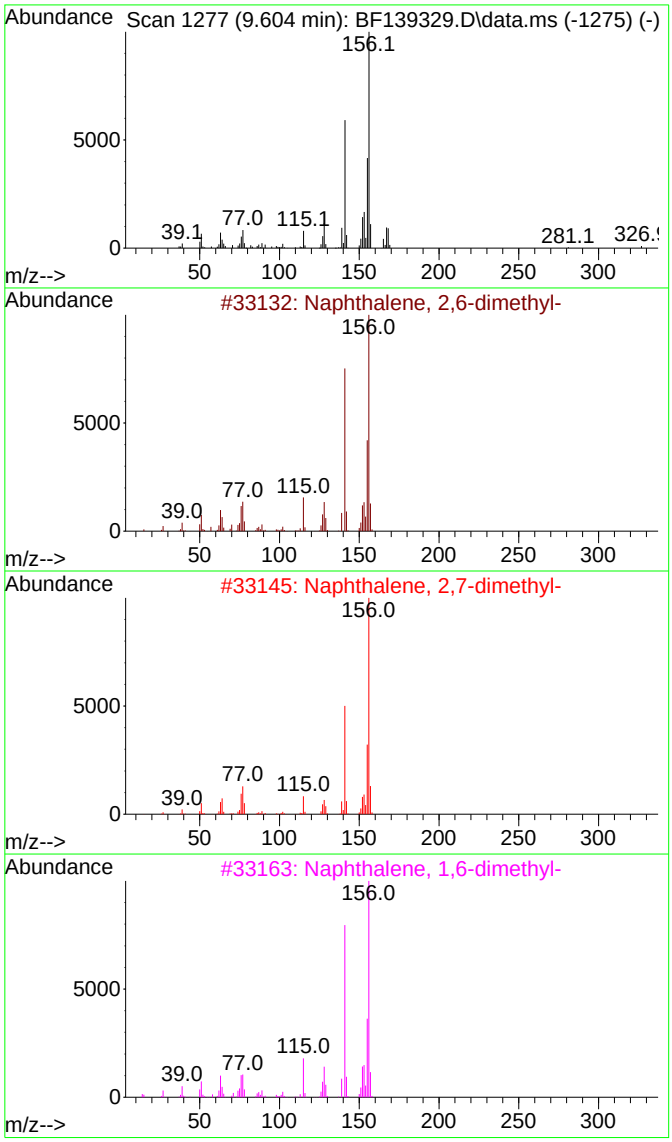
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

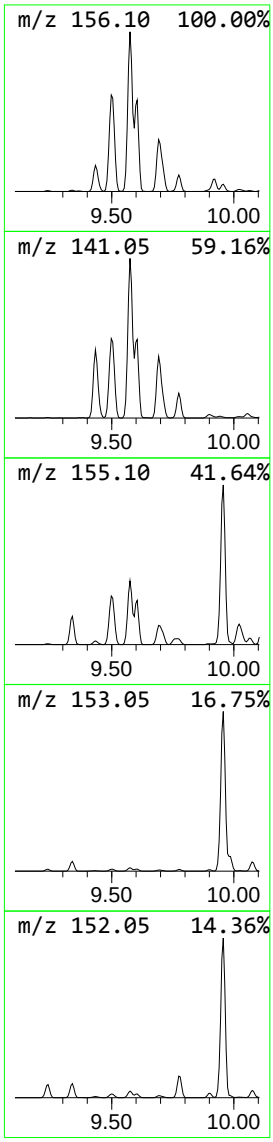
****

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	4.75 ng	279662	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	76
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

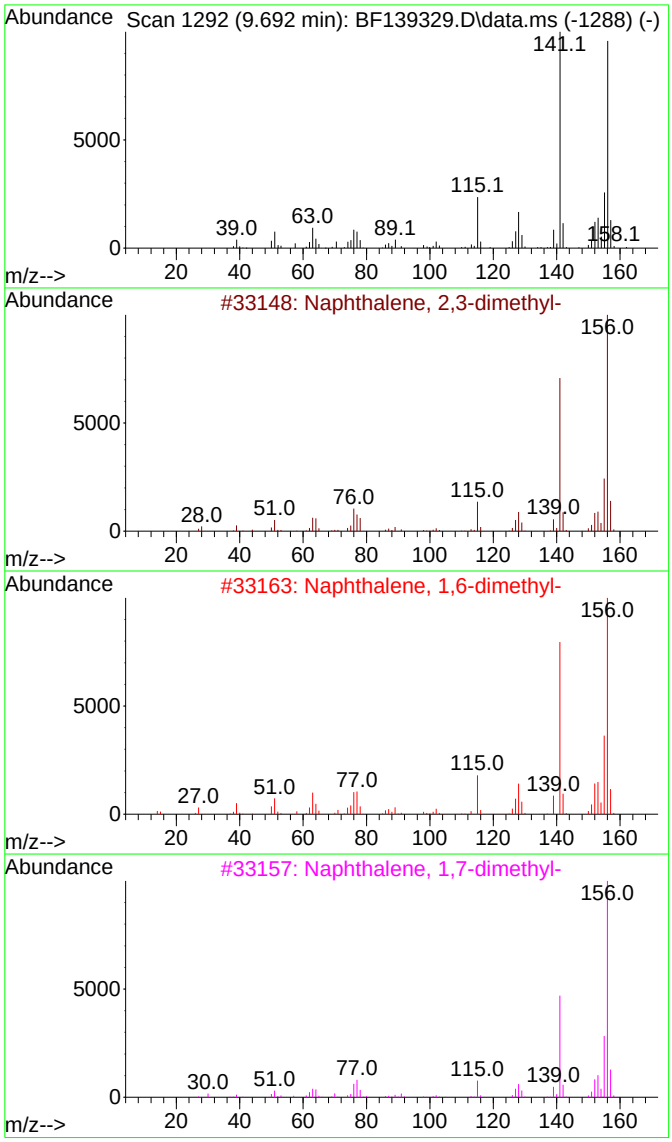
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

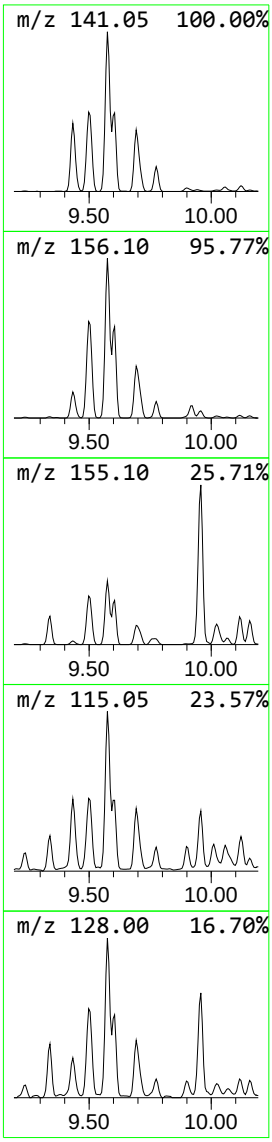
****

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	4.67 ng	275285	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

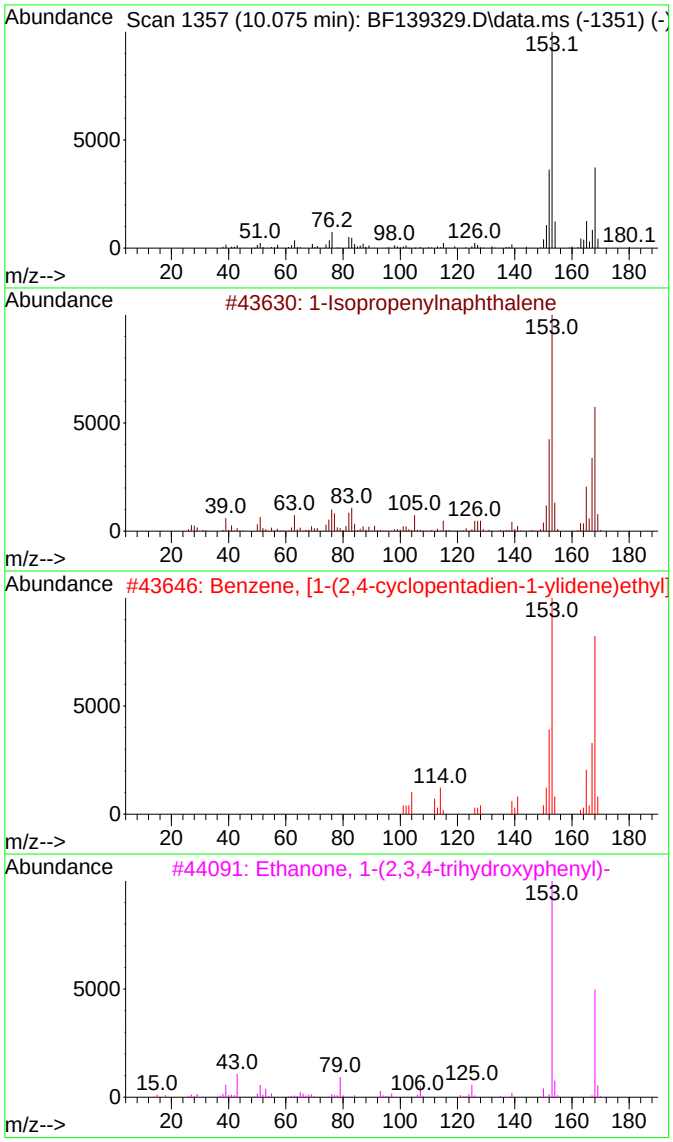
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

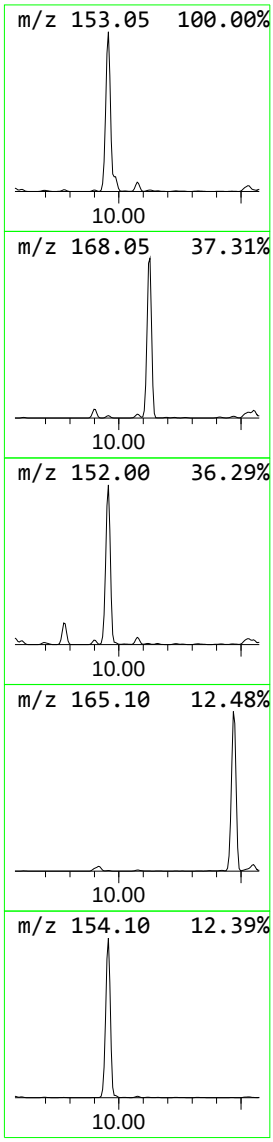
****

Peak Number 11 1-Isopropenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	3.98 ng	234687	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	58
4	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	53
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

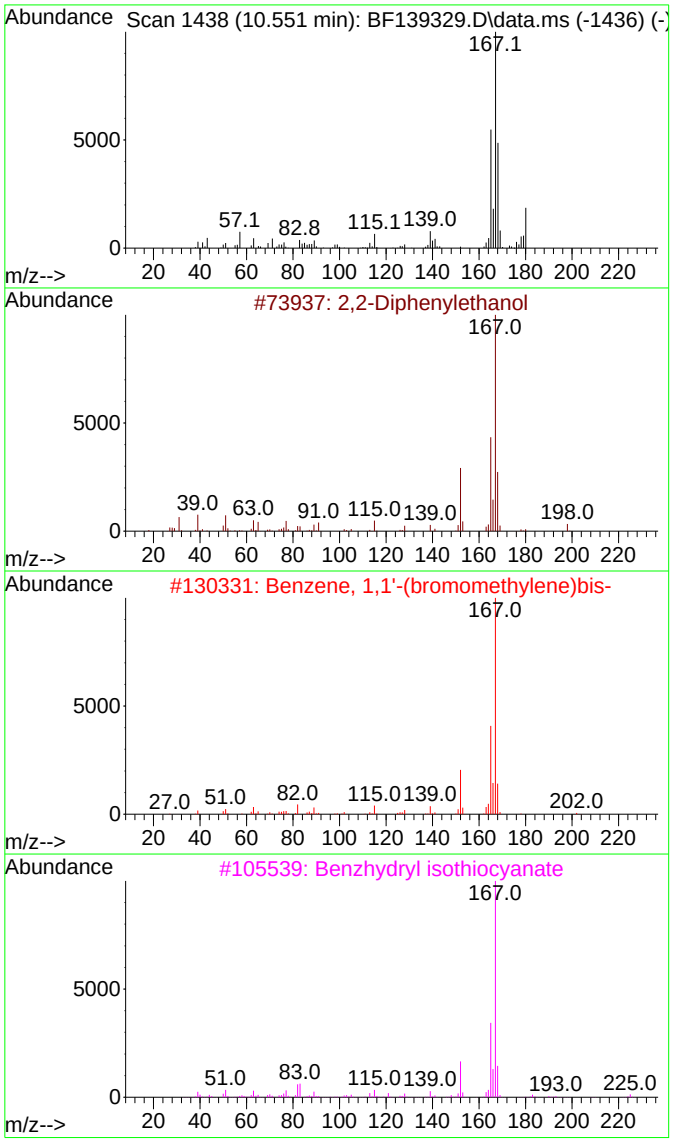
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

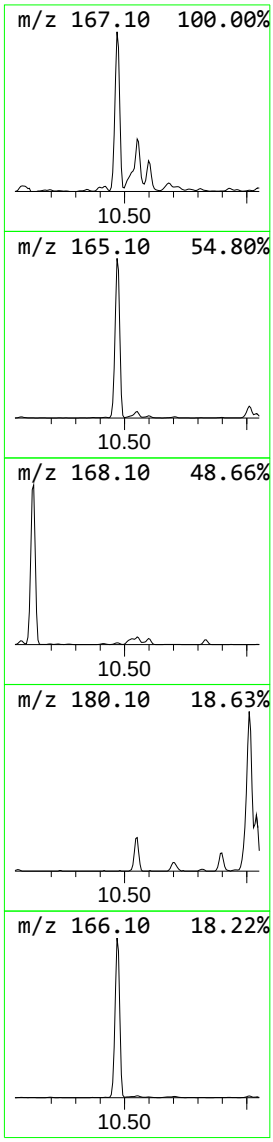
****

Peak Number 12 2,2-Diphenylethanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	2.63 ng	155082	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Diphenylethanol	198	C14H14O	001883-32-5	59
2	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	53
3	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	47
4	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	47
5	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

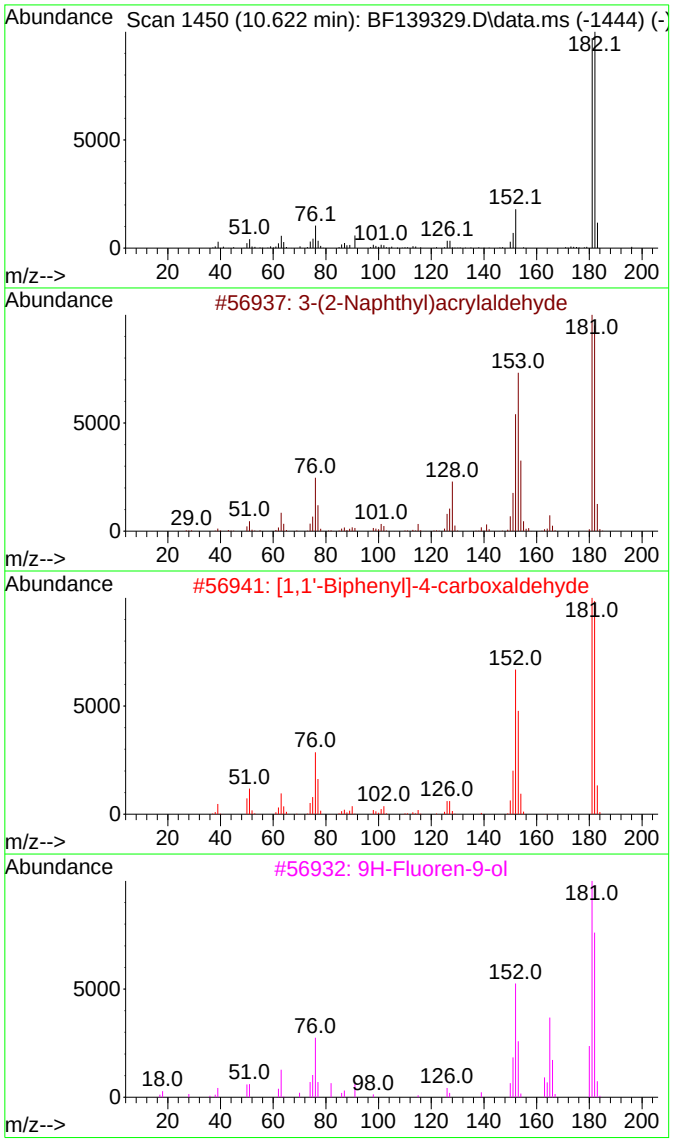
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

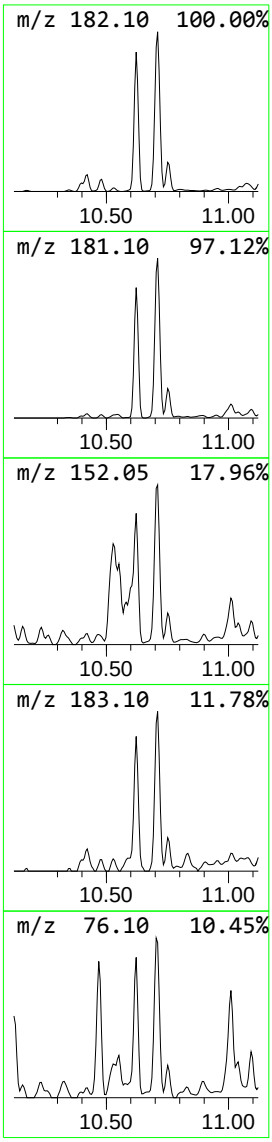
****

Peak Number 13 3-(2-Naphthyl)acrylaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	7.47 ng	440013	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	9H-Xanthene	182	C13H10O	000092-83-1	72
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

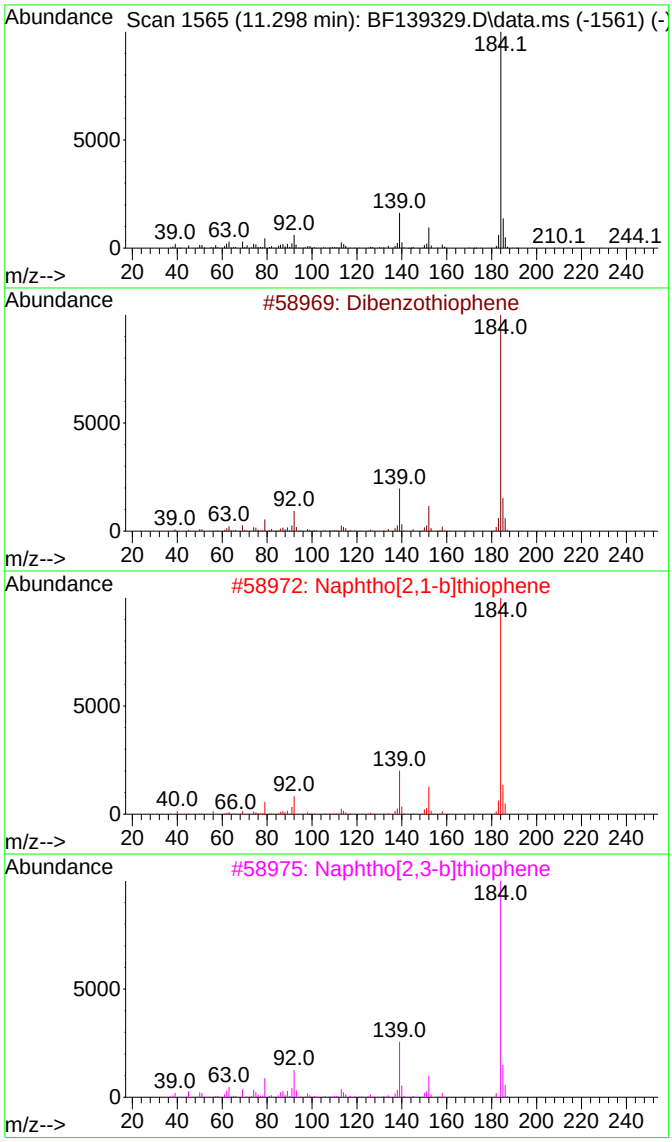
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

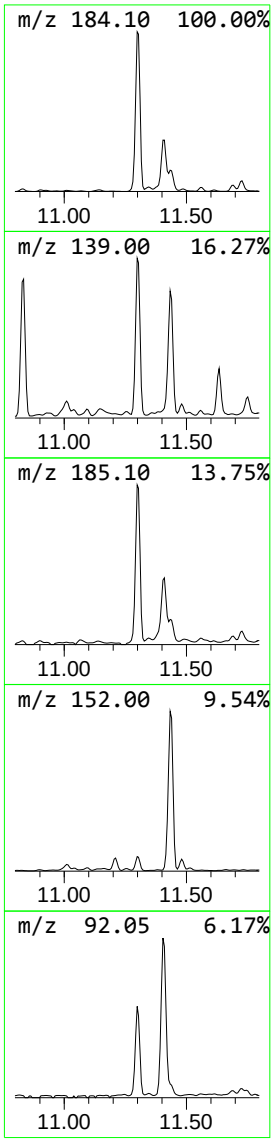
****

Peak Number 14 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	2.01 ng	431805	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

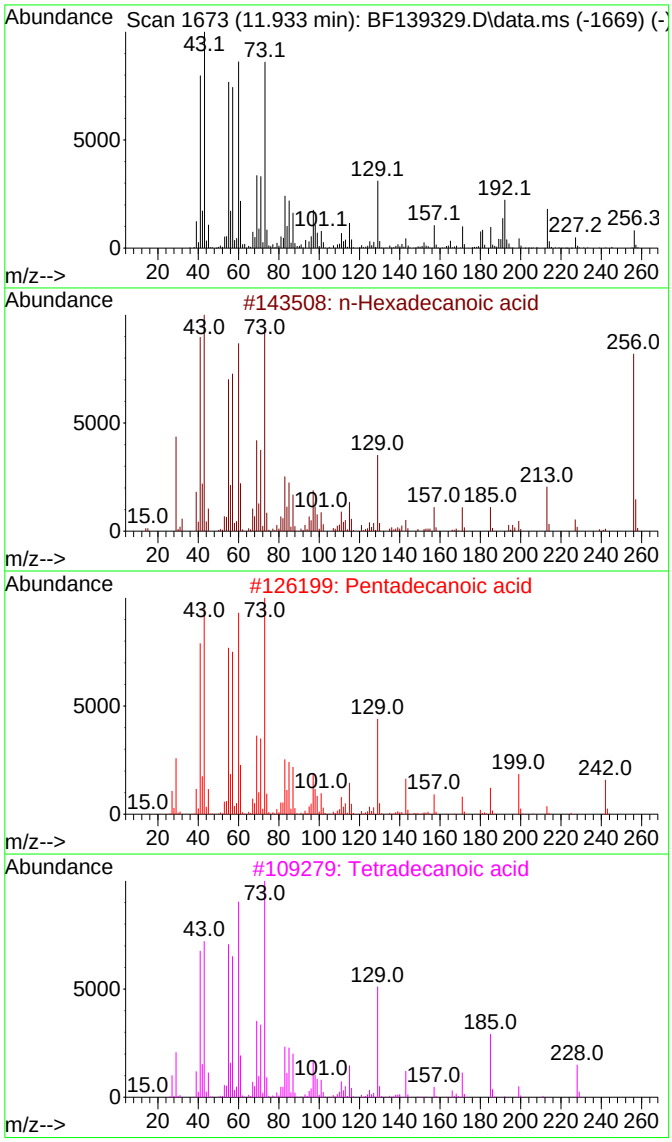
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

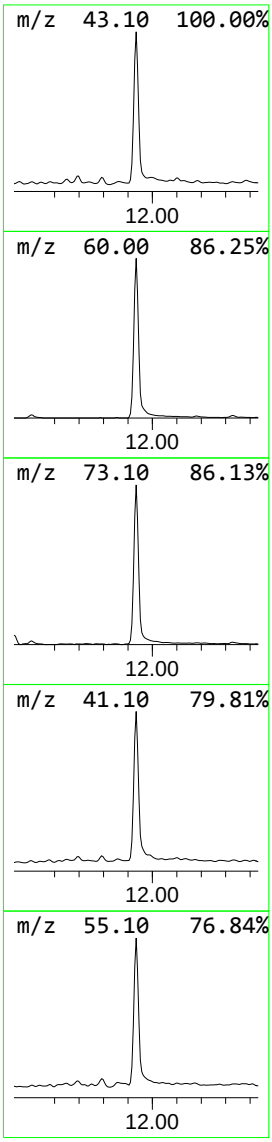
****

Peak Number 15 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.36 ng	1151370	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

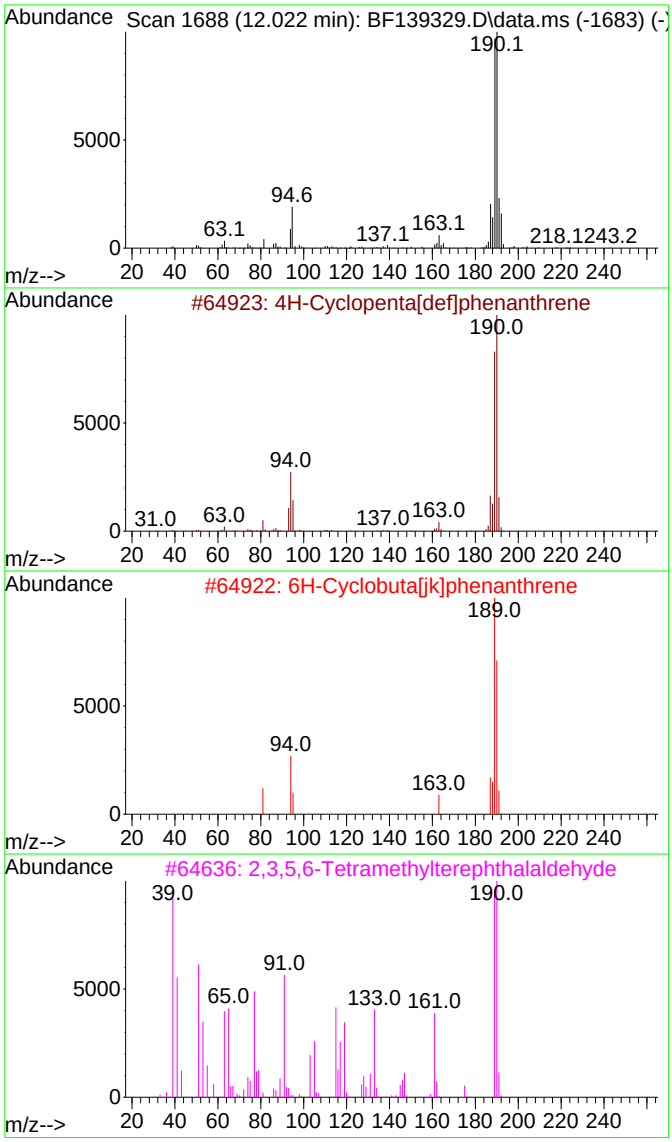
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

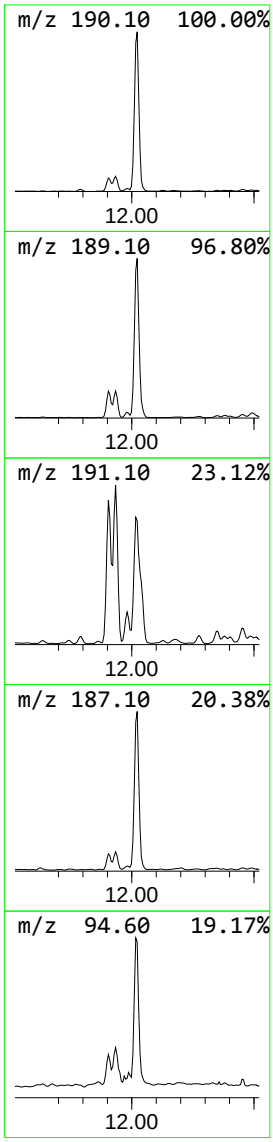
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	3.29 ng	707077	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

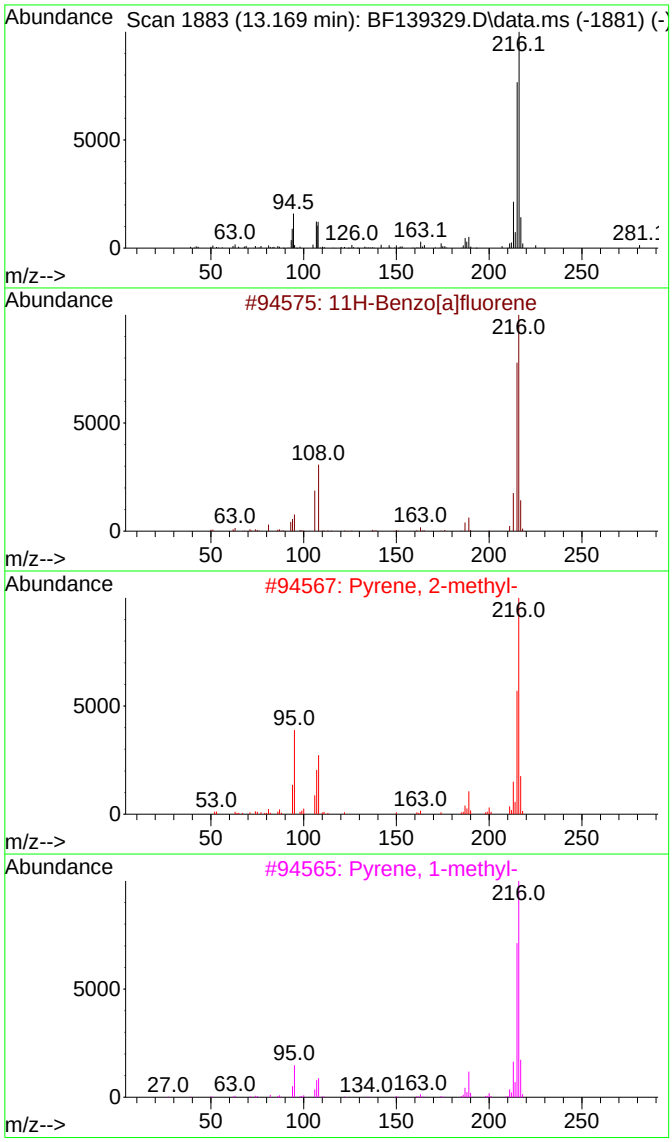
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

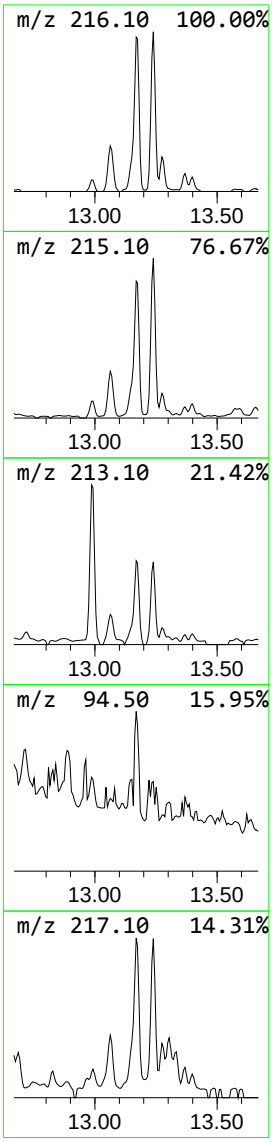
****

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.37 ng	77622	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

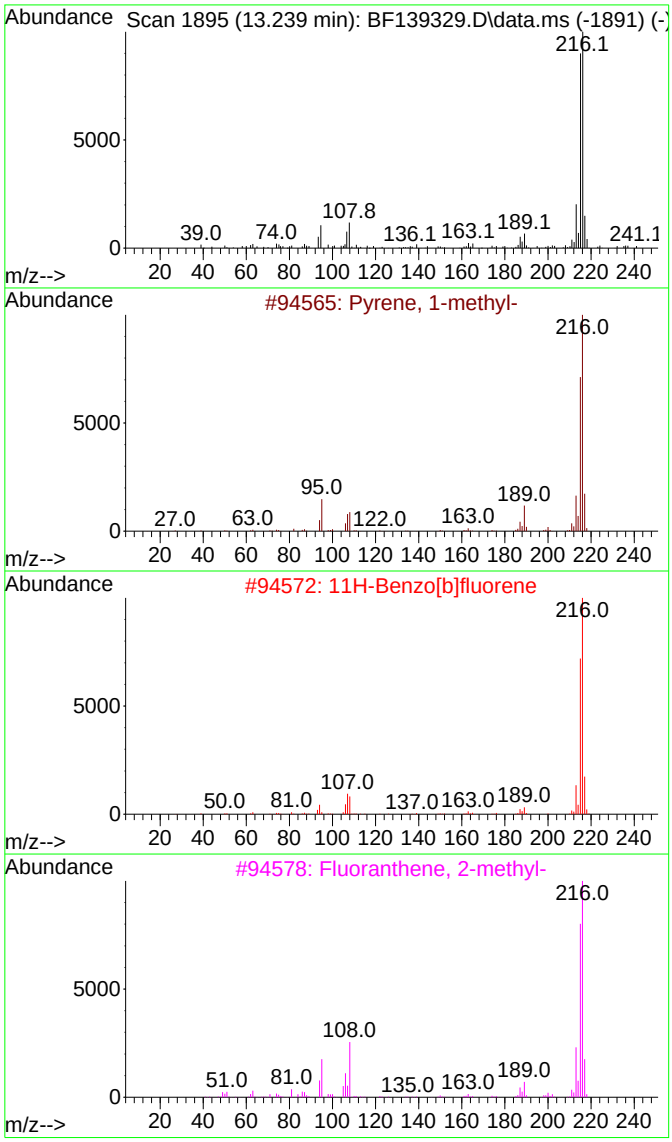
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

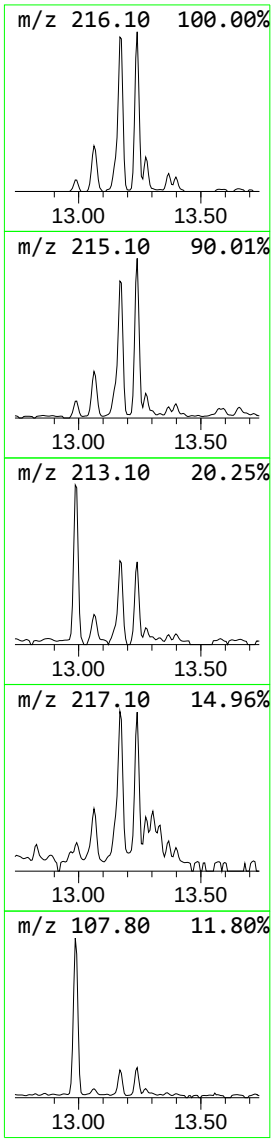
****

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.21 ng	72447	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

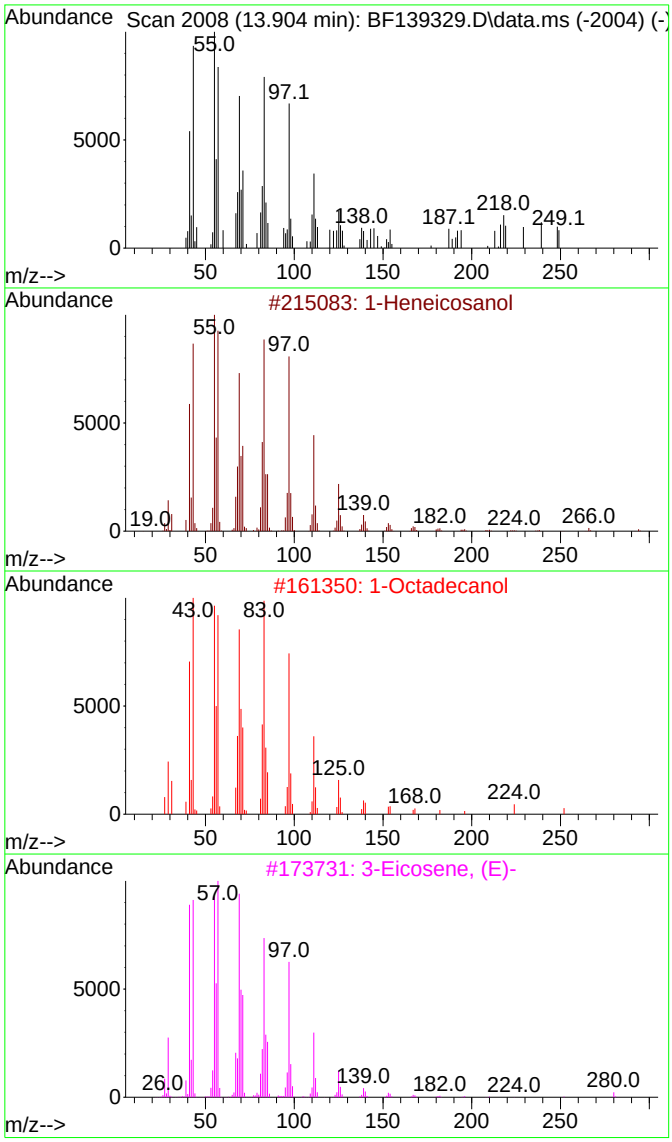
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

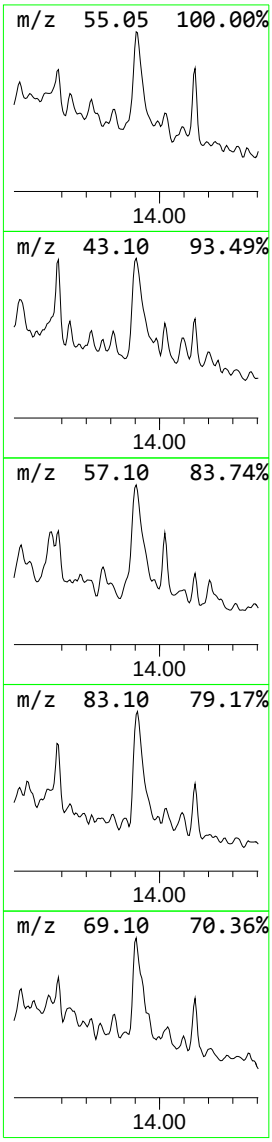
****

Peak Number 19 1-Heneicosanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.01 ng	65778	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	90
2	1-Octadecanol	270	C18H38O	000112-92-5	74
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	72
4	17-Pentatriacontene	491	C35H70	006971-40-0	72
5	1-Hexacosanol	382	C26H54O	000506-52-5	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139329.D
Acq On : 11 Sep 2024 16:50
Operator : RC/JU
Sample : P3912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-COMPOSITE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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
Butane, 2-metho...	2.181	132.2	ng	4231510	1	6.881	640020	20.0
1,3-Dioxolane, ...	2.999	7.1	ng	226199	1	6.881	640020	20.0
3-Penten-2-one,...	4.475	5.0	ng	158543	1	6.881	640020	20.0
2-Pentanone, 4-...	5.093	2.8	ng	89579	1	6.881	640020	20.0
1-Phenoxypropan...	8.475	5.0	ng	332513	2	8.163	1343530	20.0
Naphthalene, 1-...	9.434	3.4	ng	202338	3	9.922	1178060	20.0
Naphthalene, 1,...	9.498	7.9	ng	464943	3	9.922	1178060	20.0
Naphthalene, 2,...	9.575	12.1	ng	711783	3	9.922	1178060	20.0
Naphthalene, 2,...	9.604	4.8	ng	279662	3	9.922	1178060	20.0
Naphthalene, 1,...	9.692	4.7	ng	275285	3	9.922	1178060	20.0
1-Isopropenylna...	10.075	4.0	ng	234687	3	9.922	1178060	20.0
2,2-Diphenyleth...	10.551	2.6	ng	155082	3	9.922	1178060	20.0
3-(2-Naphthyl)a...	10.622	7.5	ng	440013	3	9.922	1178060	20.0
Dibenzothiophene	11.298	2.0	ng	431805	4	11.410	4299460	20.0
n-Hexadecanoic ...	11.933	5.4	ng	1151370	4	11.410	4299460	20.0
4H-Cyclopenta[d...	12.022	3.3	ng	707077	4	11.410	4299460	20.0
11H-Benzo[a]flu...	13.169	2.4	ng	77622	5	14.039	655417	20.0
Pyrene, 1-methyl-	13.239	2.2	ng	72447	5	14.039	655417	20.0
1-Heneicosanol	13.904	2.0	ng	65778	5	14.039	655417	20.0