LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

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: BF122201.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	7	9	16	rBV	34405	50448	1.83%	0.180%
2	2.204	16	20	28	rVB	36593	63951	2.32%	0.228%
3	5.340	550	553	577	rBV	487287	886618	32.18%	3.163%
4	6.369	726	728	744	rBV	575884	962534	34.94%	3.434%
5	6.539	753	757	762	rVB2	90202	95028	3.45%	0.339%
6	6.710	783	786	792	rBV	641133	631100	22.91%	2.251%
7	6.981	825	832	835	rBV4	44557	60176	2.18%	0.215%
8	7.045	839	843	848	rVB2	45908	58272	2.12%	0.208%
9	7.092	848	851	855	rBV2	95698	94067	3.41%	0.336%
10	7.281	880	883	885	rBV	510256	471876	17.13%	1.683%
11	7.304	885	887	890	rVB	284224	244169	8.86%	0.871%
12	7.486	915	918	919	rVV2	49919	51710	1.88%	0.184%
13	7.504	919	921	925	rVB	115851	108502	3.94%	0.387%
14	7.622	933	941	944	rBV5	80685	144264	5.24%	0.515%
15	7.669	947	949	952	rVB2	68616	65923	2.39%	0.235%
16	7.739	957	961	963	rBV3	108843	117020	4.25%	0.417%
17	7.975	997	1001	1002	rBV	405102	388302	14.09%	1.385%
18	7.992	1002	1004	1010	rVV	887093	809100	29.37%	2.886%
19	8.051	1010	1014	1016	rVB	207277	222003	8.06%	0.792%
20	8.081	1016	1019	1026	rVB4	79452	126248	4.58%	0.450%
21	8.145	1026	1030	1031	rBV2	46976	55507	2.01%	0.198%
22	8.186	1035	1037	1040	rVB2	98111	81700	2.97%	0.291%
23	8.281	1048	1053	1059	rBV4	124126	234445	8.51%	0.836%
24	8.333	1059	1062	1065	rBV2	89657	84407	3.06%	0.301%
25	8.363	1065	1067	1071	rVB2	135872	138109	5.01%	0.493%
26	8.410	1071	1075	1077	rBV	310391	279962	10.16%	0.999%
27	8.492	1086	1089	1092	rBV3	136933	115456	4.19%	0.412%
28	8.522	1092	1094	1097	rBV3	53624	51465	1.87%	0.184%
29	8.580	1100	1104	1107	rBV	690939	553864	20.10%	1.976%
30	8.651	1113	1116	1117	rBV3	50172	49880	1.81%	0.178%
31	8.675	1117	1120	1123	rVB3	138378	169522	6.15%	0.605%
32	8.710	1123	1126	1129	rBV2	66817	77762	2.82%	0.277%
33	8.810	1141	1143	1146	rBV	174663	140075	5.08%	0.500%
34	8.863	1149	1152	1154	rVV	115467	109832	3.99%	0.392%
35	8.892	1154	1157	1159	rVV3	84147	108793	3.95%	0.388%
36	8.939	1162	1165	1169	rBV3	136757	170266	6.18%	0.607%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

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	8.980	1170	1172	1174	rBV	85618	62115	2.25%	0.222%
38	9.010	1174	1177	1179	rVV	277089	229361	8.33%	0.818%
39	9.063	1183	1186	1191	rBV	1090227	992213	36.02%	3.539%
40	9.145	1196	1200	1204	rBV	708021	640010	23.23%	2.283%
41	9.186	1204	1207	1209	rVV3	74570	96719	3.51%	0.345%
42	9.216	1209	1212	1215	rVB4	115488	119195	4.33%	0.425%
43	9.333	1229	1232	1237	rVB4	67991	72702	2.64%	0.259%
44	9.404	1240	1244	1245	rBV2	74463	85206	3.09%	0.304%
45	9.463	1249	1254	1256	rBV3	345743	373846	13.57%	1.334%
46	9.522	1261	1264	1267	rBV	132637	99209	3.60%	0.354%
47	9.610	1276	1279	1282	rBV3	59012	60382	2.19%	0.215%
48	9.669	1287	1289	1294	rVV	439868	399659	14.51%	1.426%
49	9.710	1294	1296	1298	rVV3	60644	63945	2.32%	0.228%
50	9.745	1298	1302	1305	rVV	912520	820441	29.78%	2.927%
51	9.775	1305	1307	1317	rVB8	65684	149553	5.43%	0.533%
52	9.898	1325	1328	1331	rBV3	52017	76289	2.77%	0.272%
53	9.957	1335	1338	1341	rVB2	78180	77491	2.81%	0.276%
54	9.992	1341	1344	1347	rBV2	114505	116064	4.21%	0.414%
55	10.063	1352	1356	1359	rBV3	48084	57169	2.08%	0.204%
56	10.169	1367	1374	1377	rBV	325462	283971	10.31%	1.013%
57	10.298	1393	1396	1405	rVB	101383	121527	4.41%	0.434%
58	10.386	1405	1411	1417	rBV	86207	136684	4.96%	0.488%
59	10.539	1434	1437	1447	rVV	422747	476857	17.31%	1.701%
60	10.639	1451	1454	1463	rVB	207305	259762	9.43%	0.927%
61	10.845	1484	1489	1491	rBV3	42610	67293	2.44%	0.240%
62	11.086	1527	1530	1533	rBV	137070	120490	4.37%	0.430%
63	11.116	1533	1535	1542	rVB2	65082	93374	3.39%	0.333%
64	11.233	1551	1555	1557	rBV	746999	646051	23.45%	2.305%
65	11.257	1557	1559	1566	rVB	400653	363135	13.18%	1.295%
66	11.316	1566	1569	1575	rBV	88782	104545	3.79%	0.373%
67	11.516	1600	1603	1605	rBV	111230	89143	3.24%	0.318%
68	11.539	1605	1607	1610	rVB	88941	72444	2.63%	0.258%
69	11.621	1617	1621	1624	rBV	2033238	1646628	59.77%	5.874%
70	11.733	1637	1640	1643	rBV	109014	107357	3.90%	0.383%
71	11.763	1643	1645	1650	rVB	158041	163287	5.93%	0.582%
72	11.845	1656	1659	1662	rBV	109660	112814	4.09%	0.402%
73	11.874	1662	1664	1668	rVB	64667	57016	2.07%	0.203%
74	11.921	1668	1672	1674	rBV	87485	76726	2.78%	0.274%
75	12.027	1687	1690	1695	rVB2	53438	60325	2.19%	0.215%
76	12.304	1731	1737	1739	rBV	2298880	2413574	87.61%	8.610%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

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	12.327	1739	1741	1744	rVB	3282895	2754992	100.00%	9.828%
78	12.410	1752	1755	1759	rVB	939614	749434	27.20%	2.673%
79	12.451	1759	1762	1767	rBV	300473	323068	11.73%	1.152%
80	12.645	1793	1795	1797	rBV	62887	61382	2.23%	0.219%
81	12.680	1798	1801	1807	rVV	407131	411869	14.95%	1.469%
82	12.816	1820	1824	1827	rBV	684839	635925	23.08%	2.268%
83	12.898	1834	1838	1842	rBV2	58809	98208	3.56%	0.350%
84	13.010	1851	1857	1859	rVV3	108273	158078	5.74%	0.564%
85	13.115	1872	1875	1876	rBV	80725	69241	2.51%	0.247%
86	13.133	1876	1878	1881	rVB	68348	56021	2.03%	0.200%
87	13.204	1888	1890	1893	rBV	68453	65703	2.38%	0.234%
88	13.239	1893	1896	1903	rVB2	54487	71461	2.59%	0.255%
89	13.568	1948	1952	1957	rVB5	61925	107299	3.89%	0.383%
90	13.804	1989	1992	1996	rBV2	54976	57923	2.10%	0.207%
91	13.880	2000	2005	2008	rVV2	685669	812010	29.47%	2.897%
92	13.904	2008	2009	2016	rVB	157194	153004	5.55%	0.546%
93	14.268	2069	2071	2075	rVB	55350	51697	1.88%	0.184%
94	14.327	2079	2081	2085	rBV3	51850	66767	2.42%	0.238%
95	14.621	2129	2131	2134	rBV2	52407	51643	1.87%	0.184%
96	14.915	2178	2181	2183	rBV	79811	99887	3.63%	0.356%
97	15.198	2227	2229	2233	rBV	68122	85671	3.11%	0.306%
98	15.262	2237	2240	2243	rVV	108809	135153	4.91%	0.482%
99	15.315	2246	2249	2260	rVB	472788	644978	23.41%	2.301%
100	15.921	2349	2352	2363	rVB2	87352	174501	6.33%	0.622%

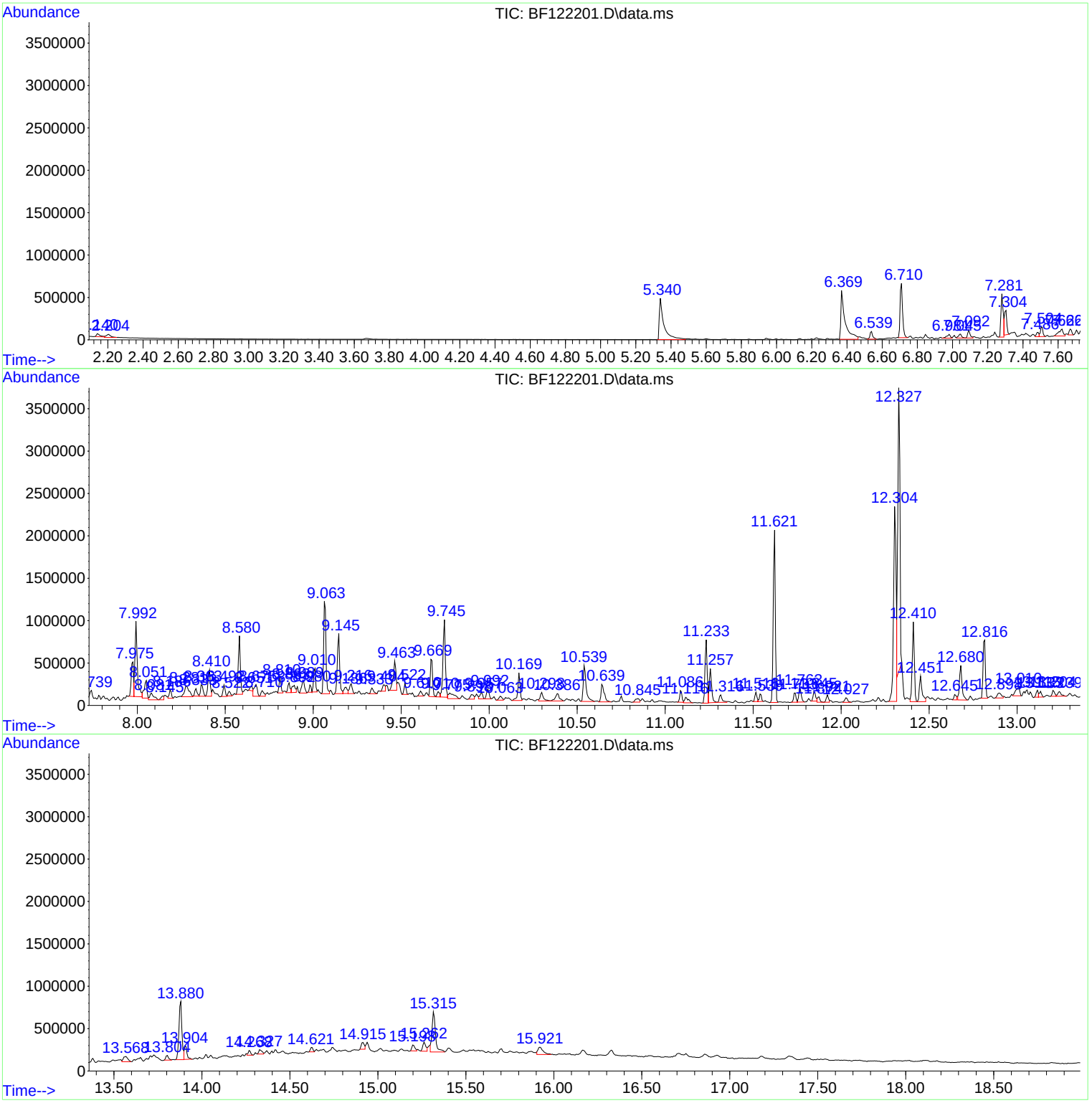
Sum of corrected areas: 28032843

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

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

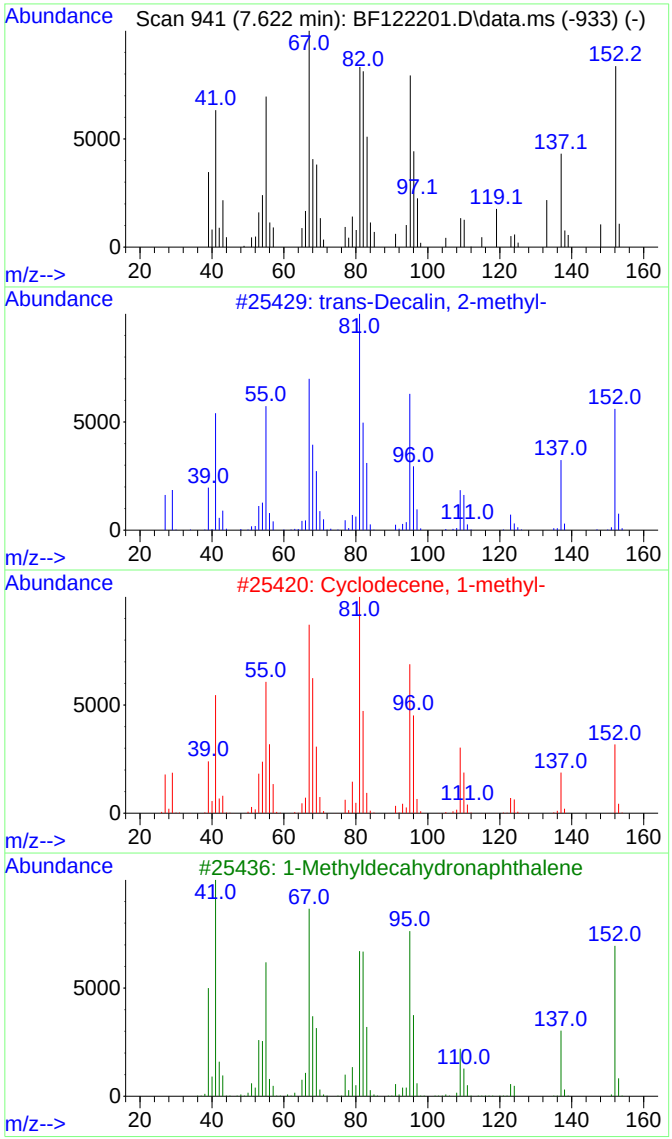
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

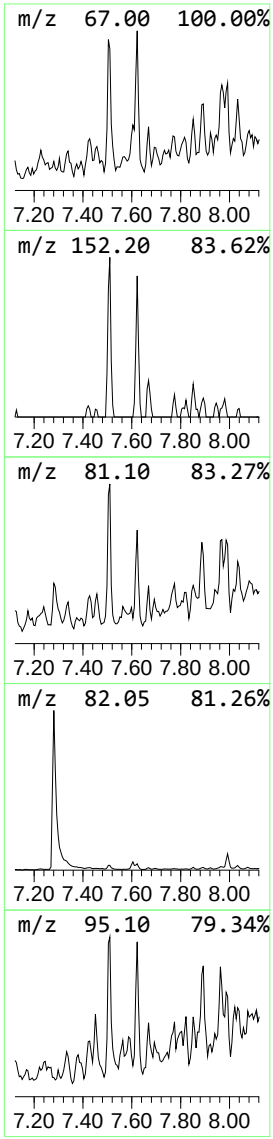
****

Peak Number 1 trans-Decalin, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.622	3.57 ng	144264	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
2	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	64
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	64
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
5	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

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

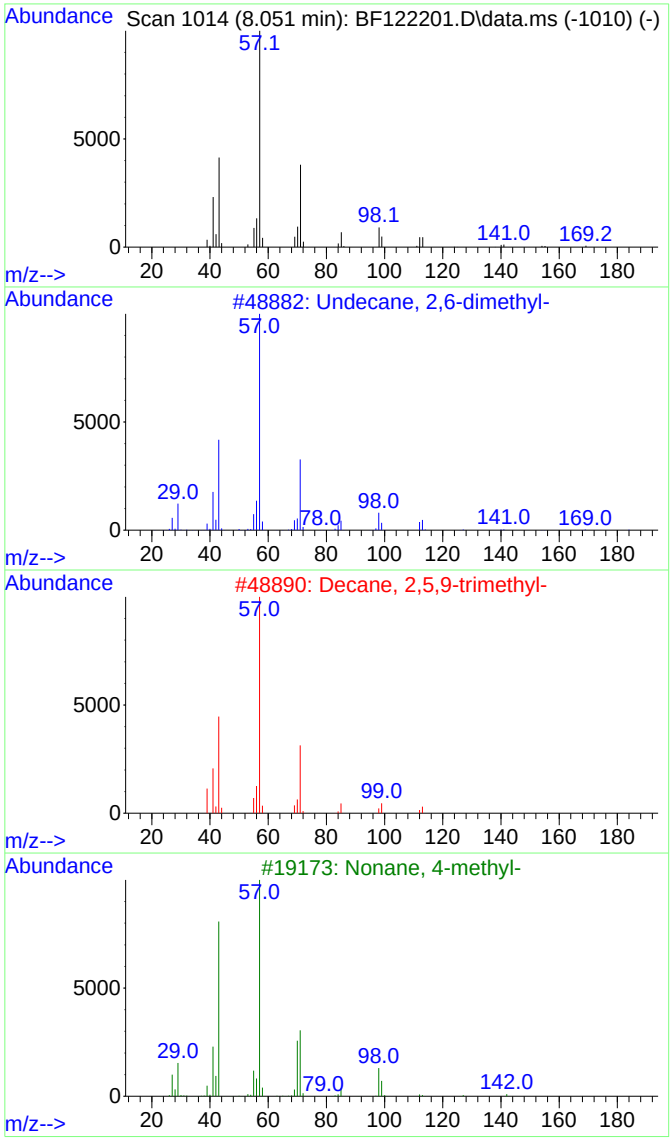
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

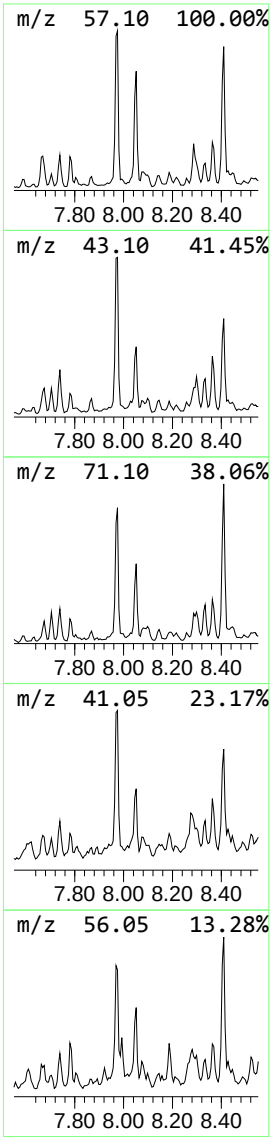
****

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	5.49 ng	222003	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

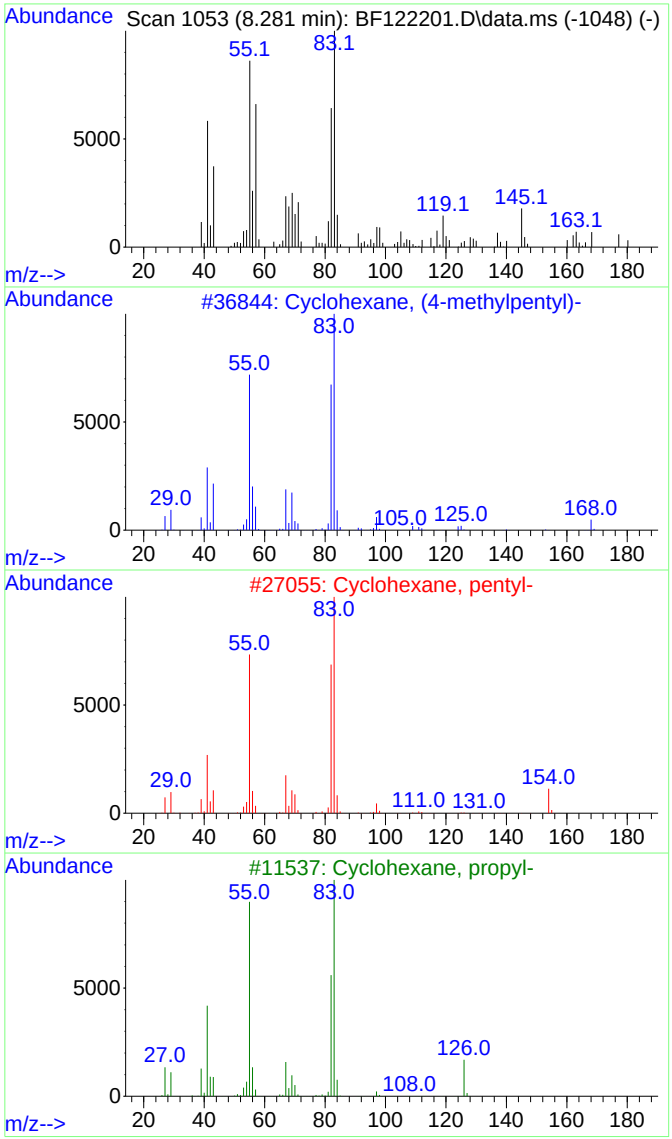
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

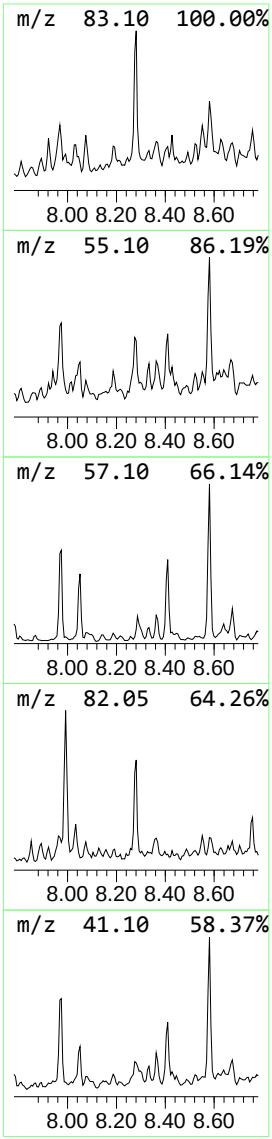
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, (4-methylpentyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.281	5.80 ng	234445	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	76
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

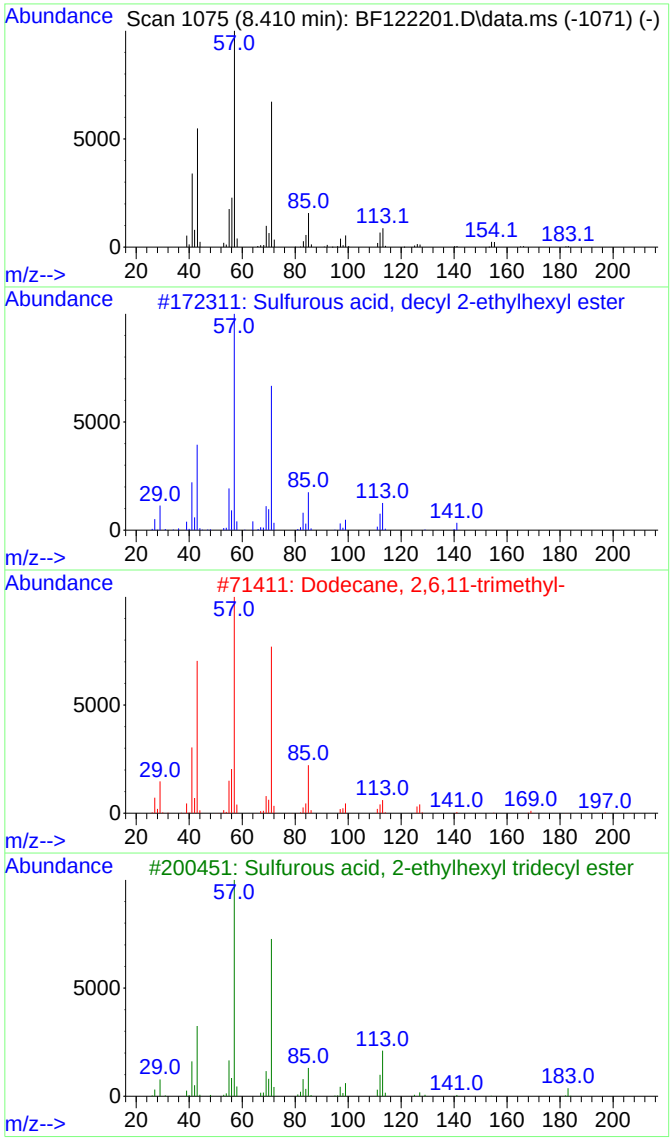
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

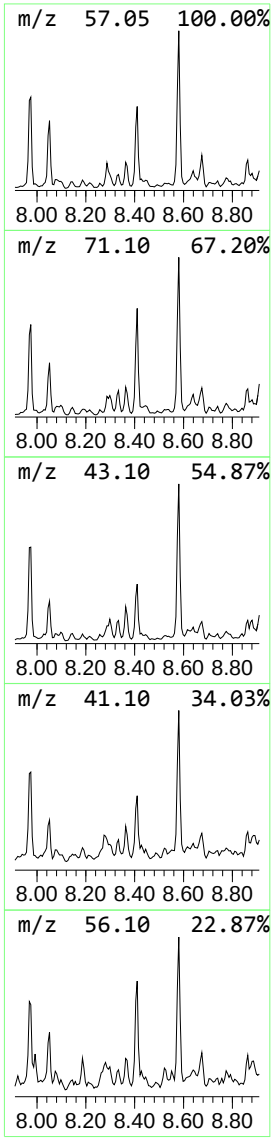
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Sulfurous acid, decyl 2-eth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.410	6.92 ng	279962	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

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

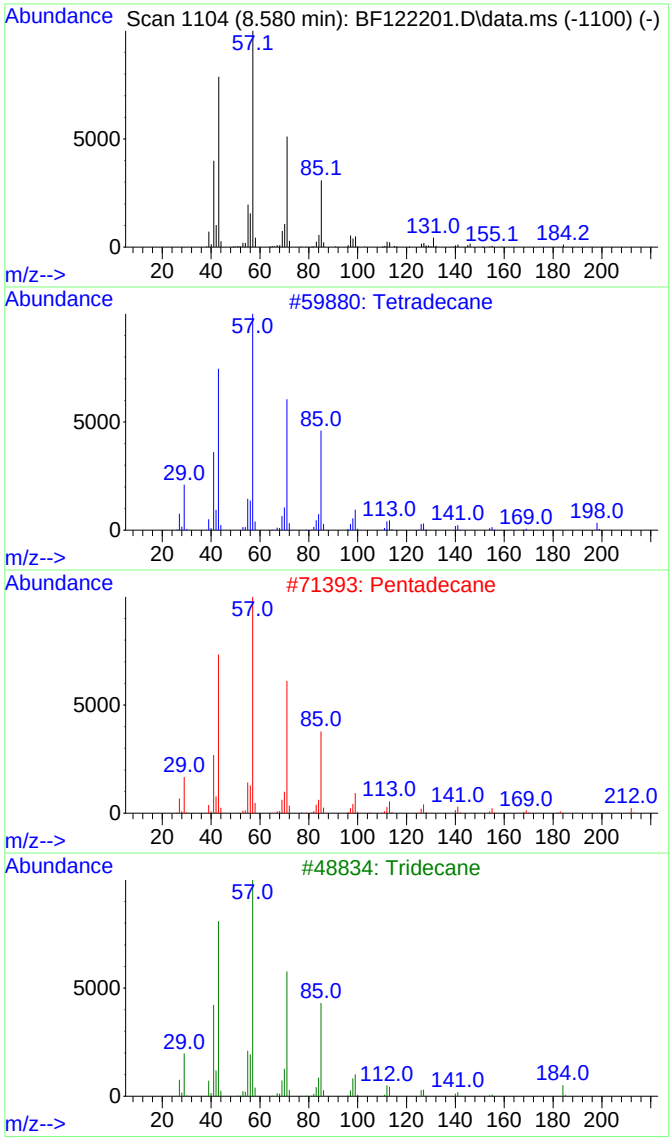
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

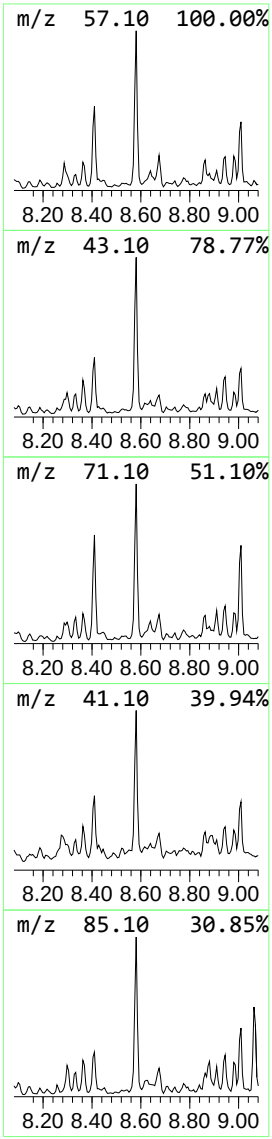
****

Peak Number 5 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.580	13.69 ng	553864	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

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

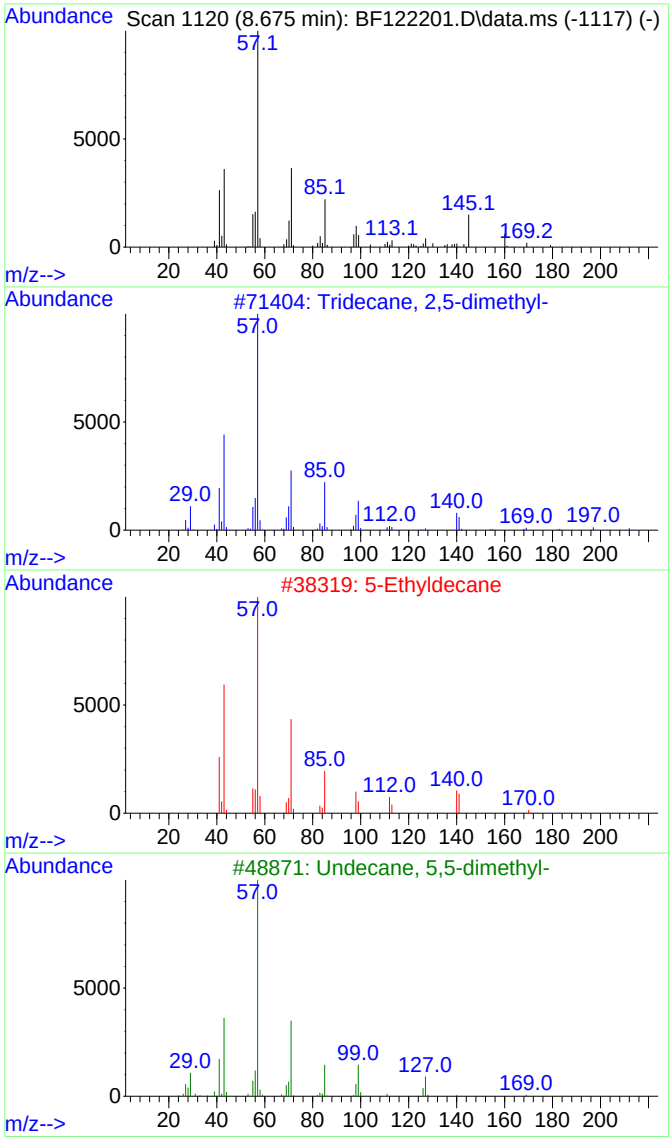
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

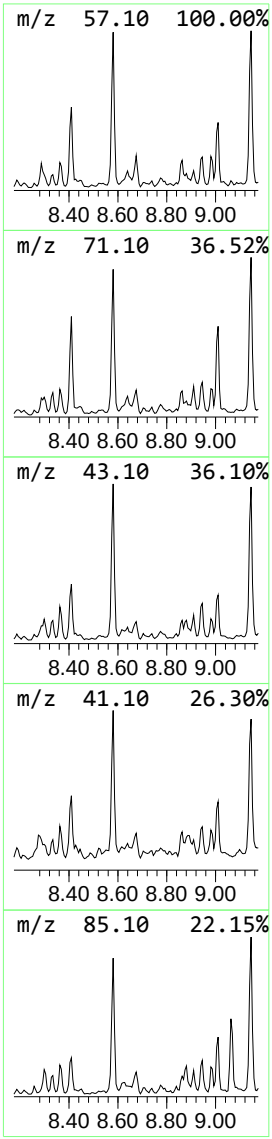
****

Peak Number 6 Tridecane, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.675	4.19 ng	169522	Naphthalene-d8	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	59
2	5-Ethyldecane	170	C12H26	017302-36-2	53
3	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	50
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	50
5	Decane, 5-methyl-	156	C11H24	013151-35-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

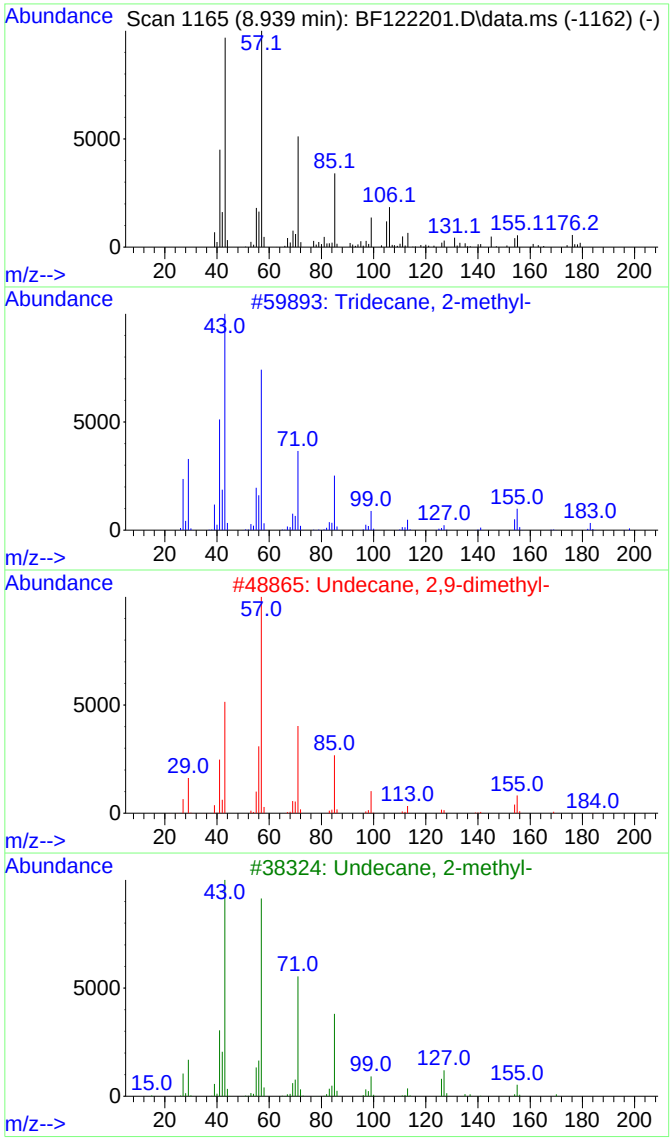
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

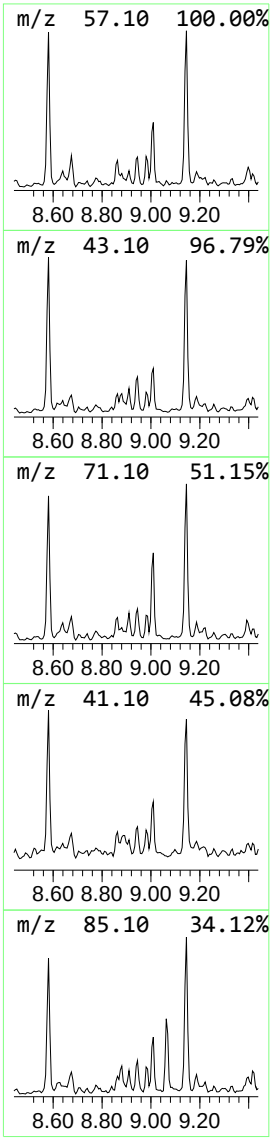
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Tridecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.939	4.15 ng	170266	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	59
4	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	53
5	Heptadecane	240	C17H36	000629-78-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

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

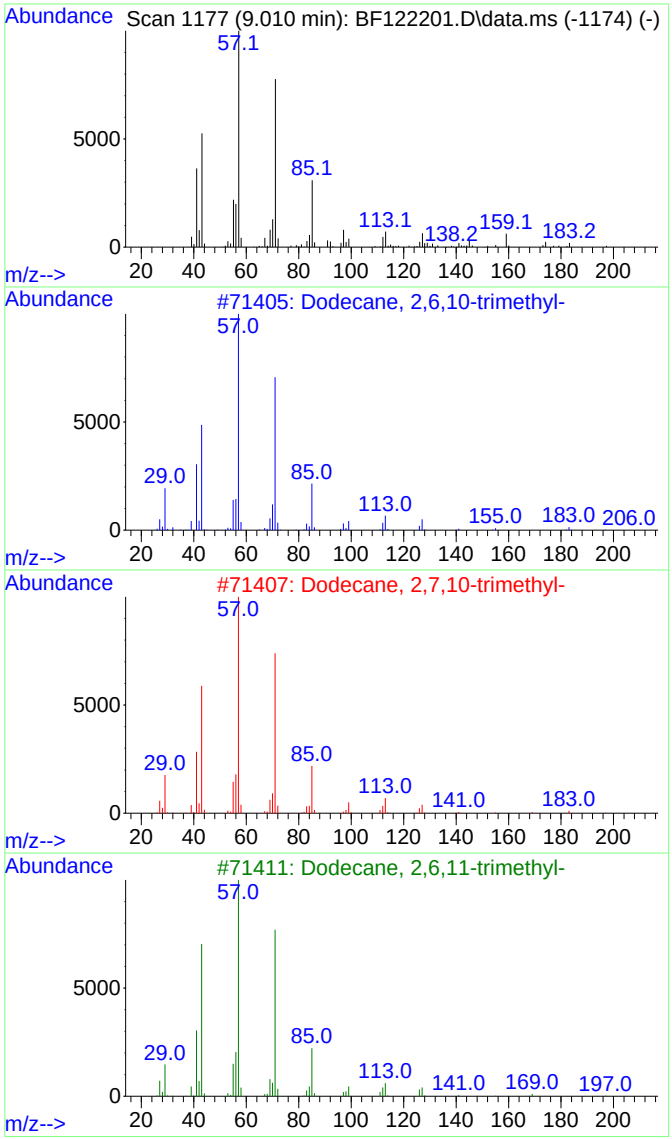
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

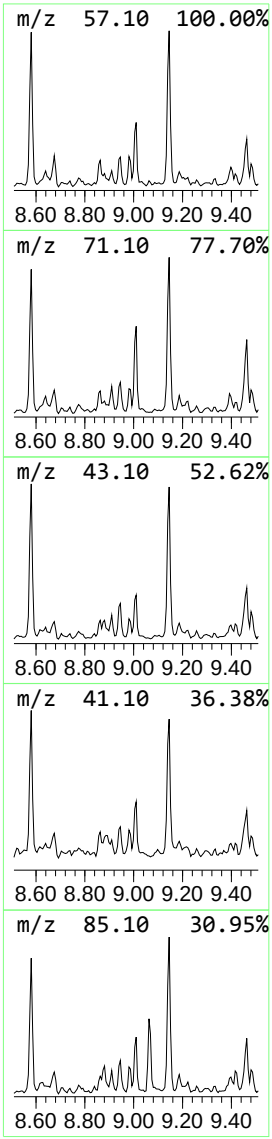
****

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	5.59 ng	229361	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Heptacosane	380	C27H56	000593-49-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

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

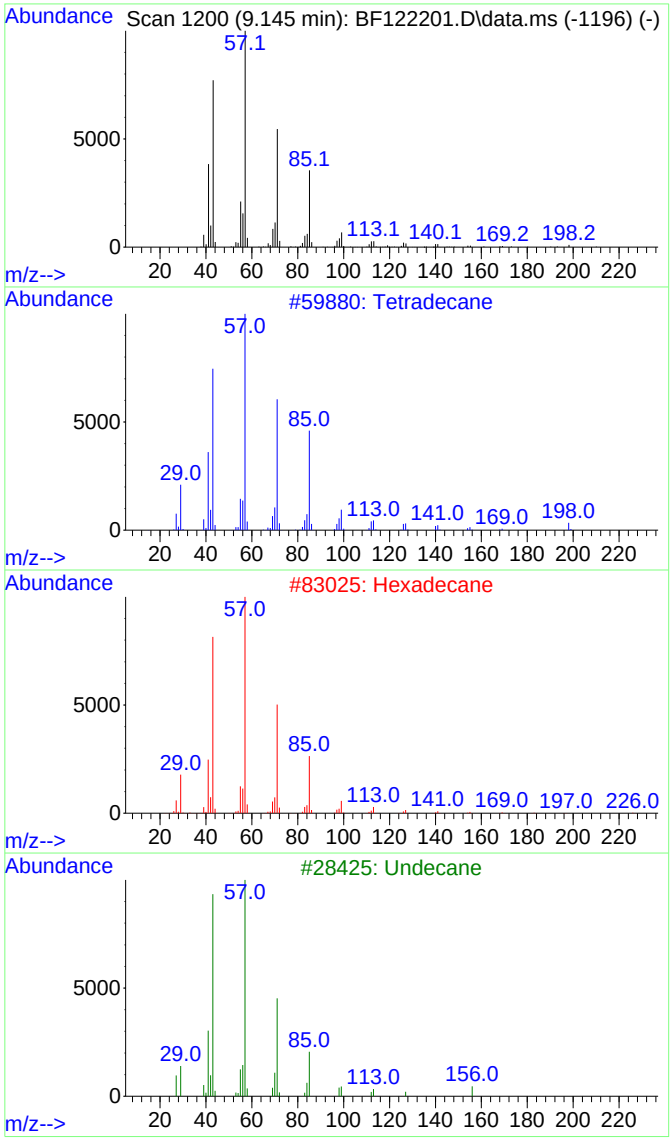
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

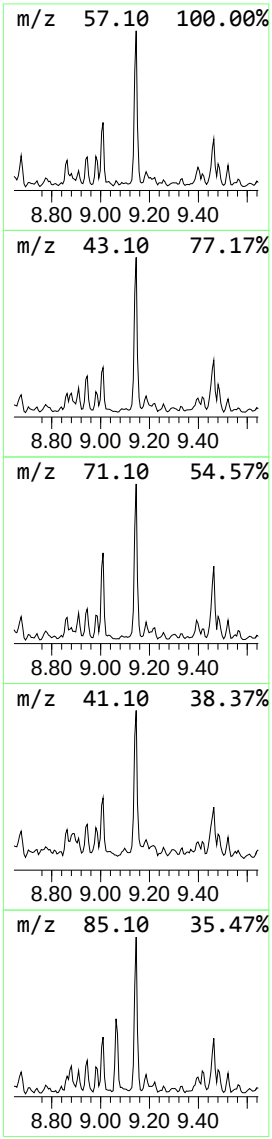
****

Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.145	15.60 ng	640010	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Undecane	156	C11H24	001120-21-4	86
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

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

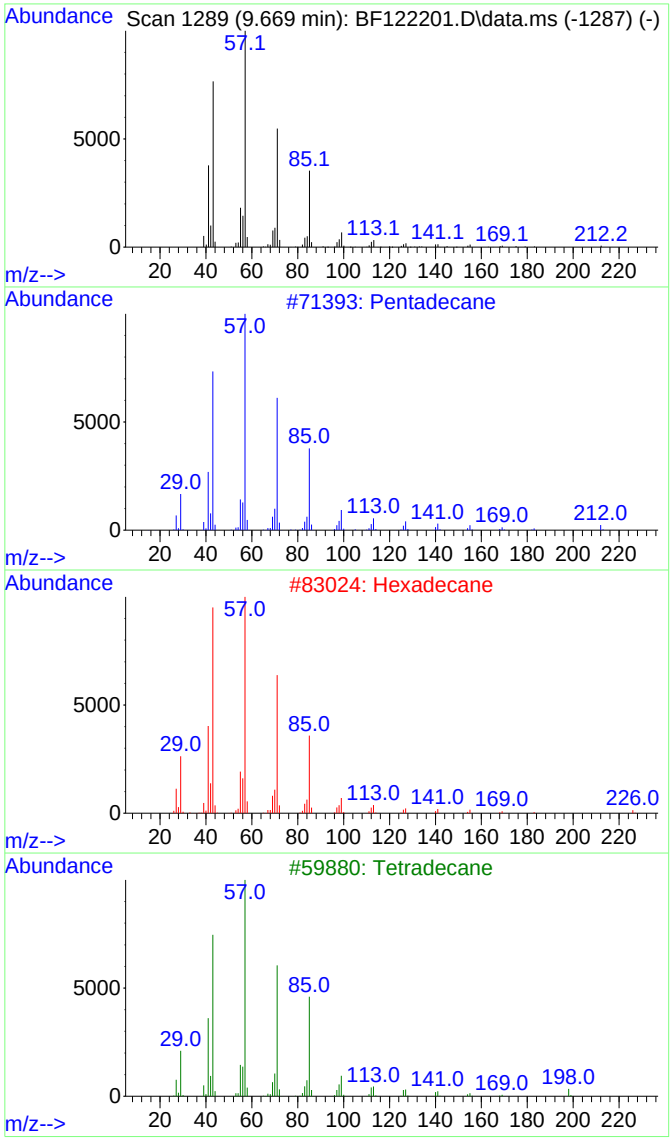
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

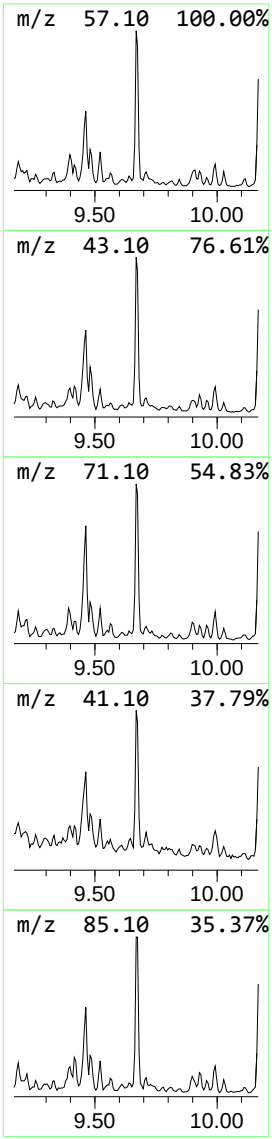
****

Peak Number 10 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	9.74 ng	399659	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5	Undecane	156	C11H24	001120-21-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

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

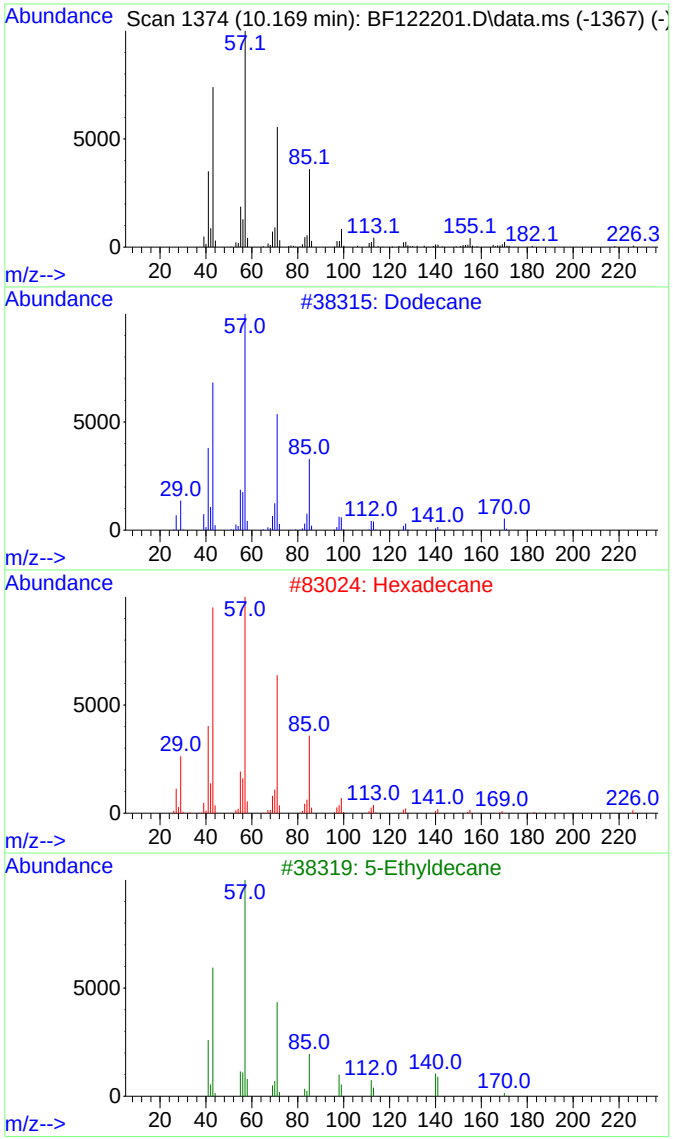
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

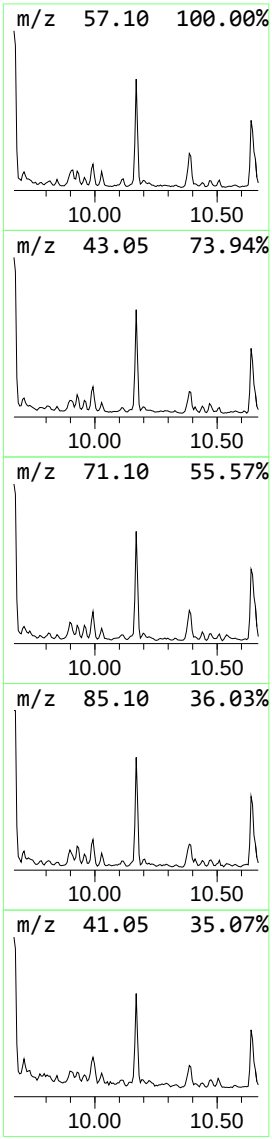
****

Peak Number 11 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.169	6.92 ng	283971	Acenaphthene-d10	9.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	5-Ethyldecane	170	C12H26	017302-36-2	86
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

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

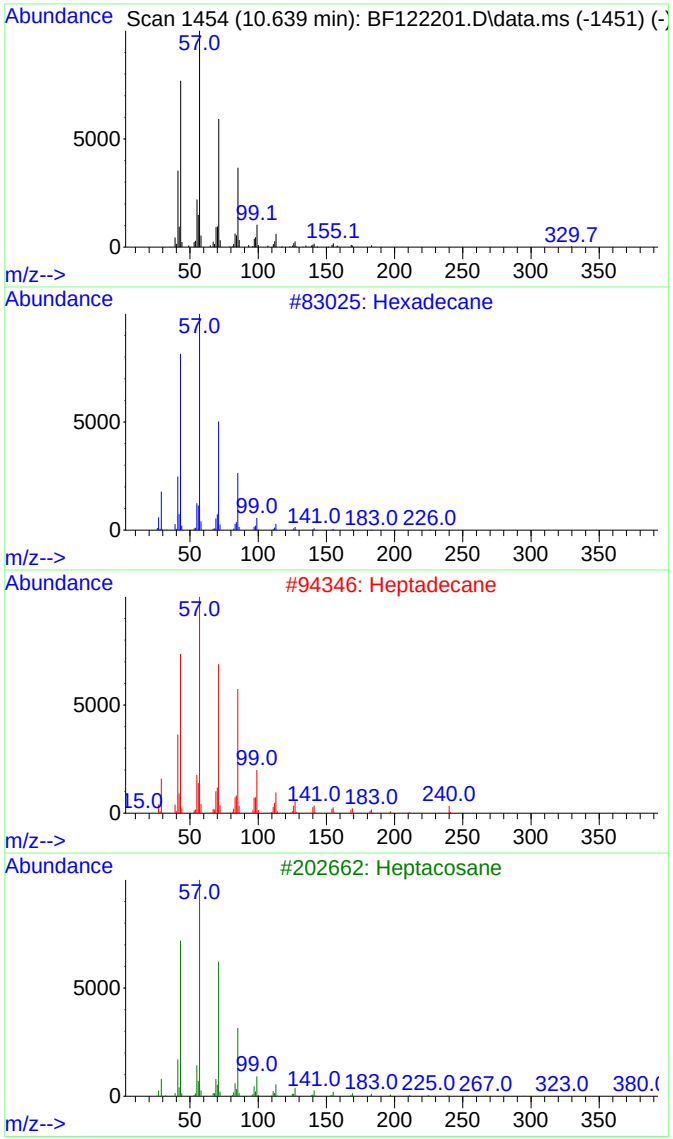
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

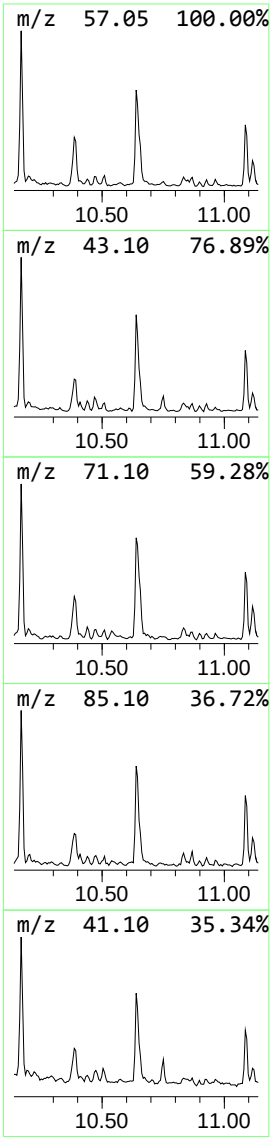
****

Peak Number 12 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	8.04 ng	259762	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

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

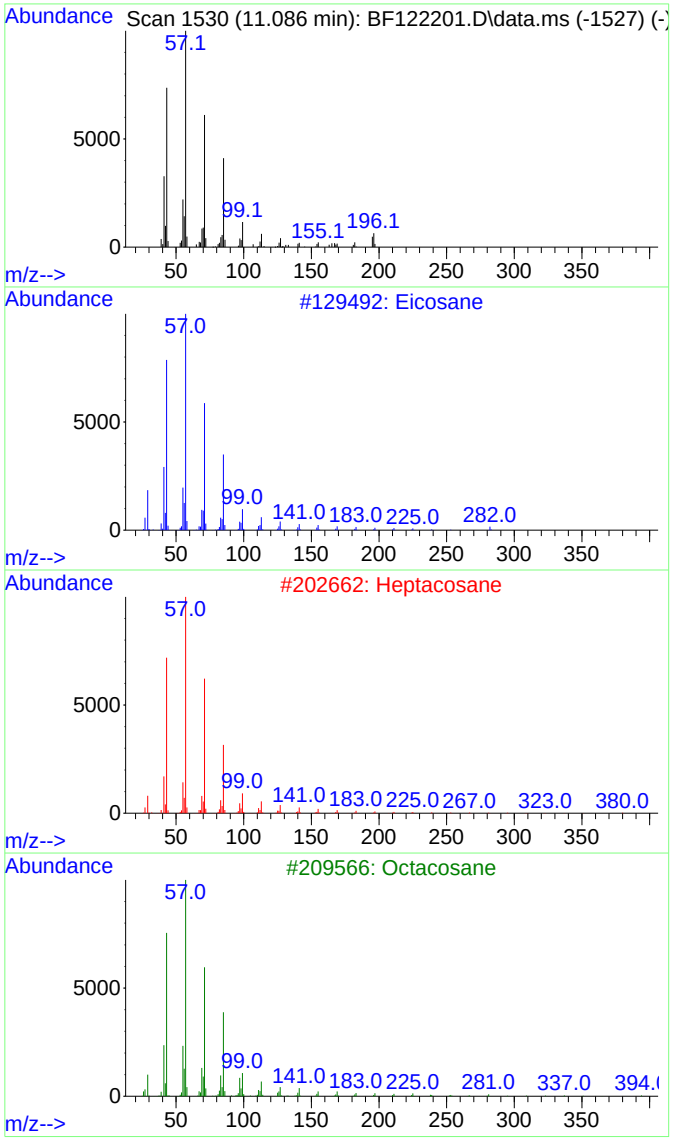
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

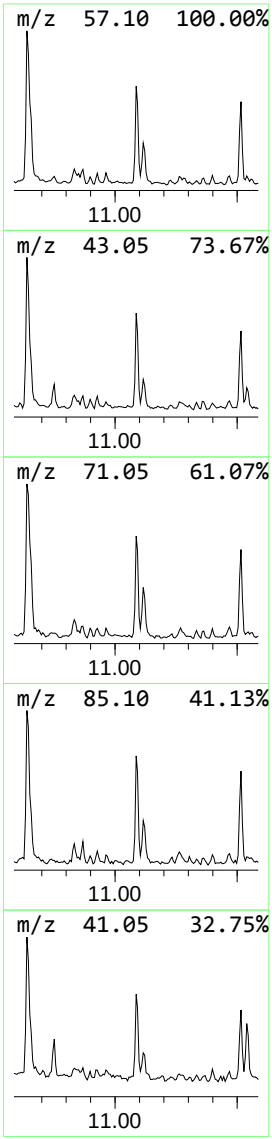
****

Peak Number 13 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	3.73 ng	120490	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	Octacosane	394	C28H58	000630-02-4	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

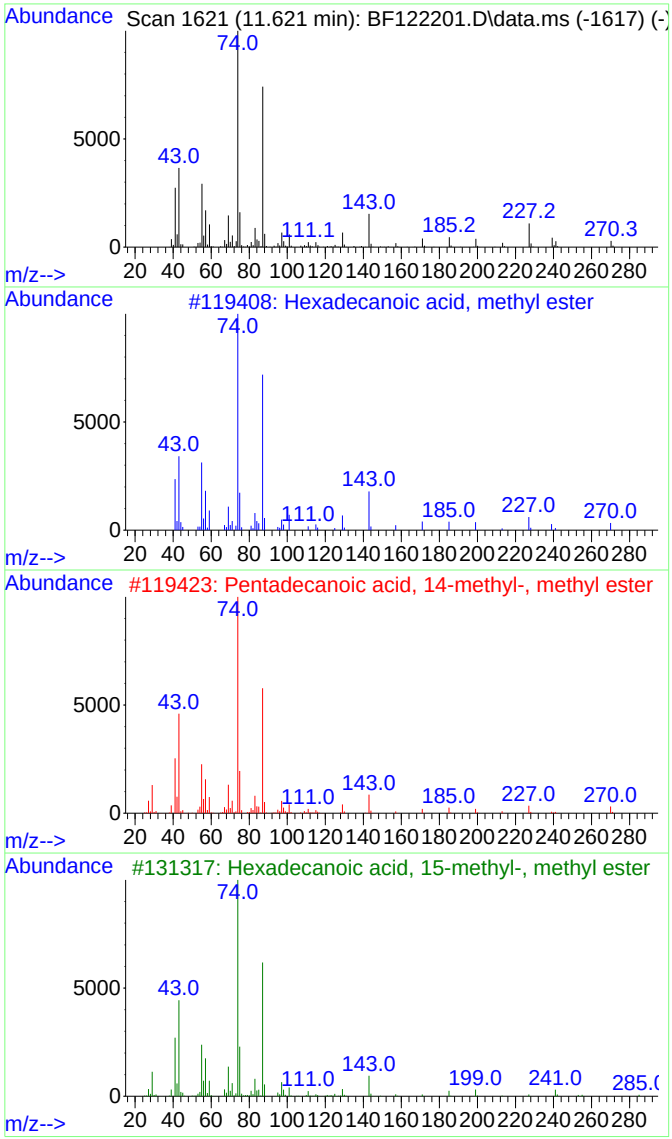
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

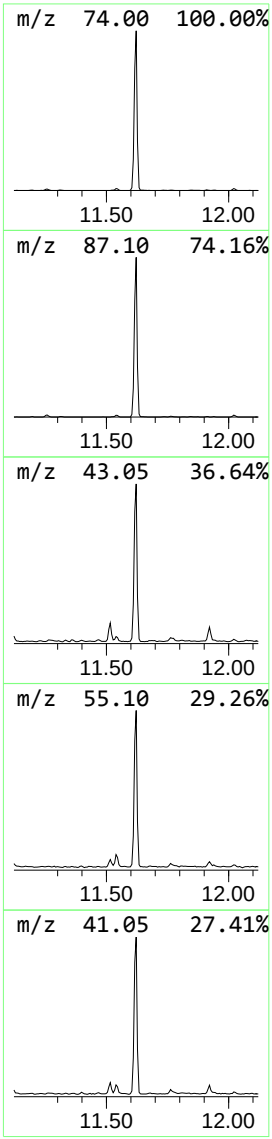
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	50.98 ng	1646630	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

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

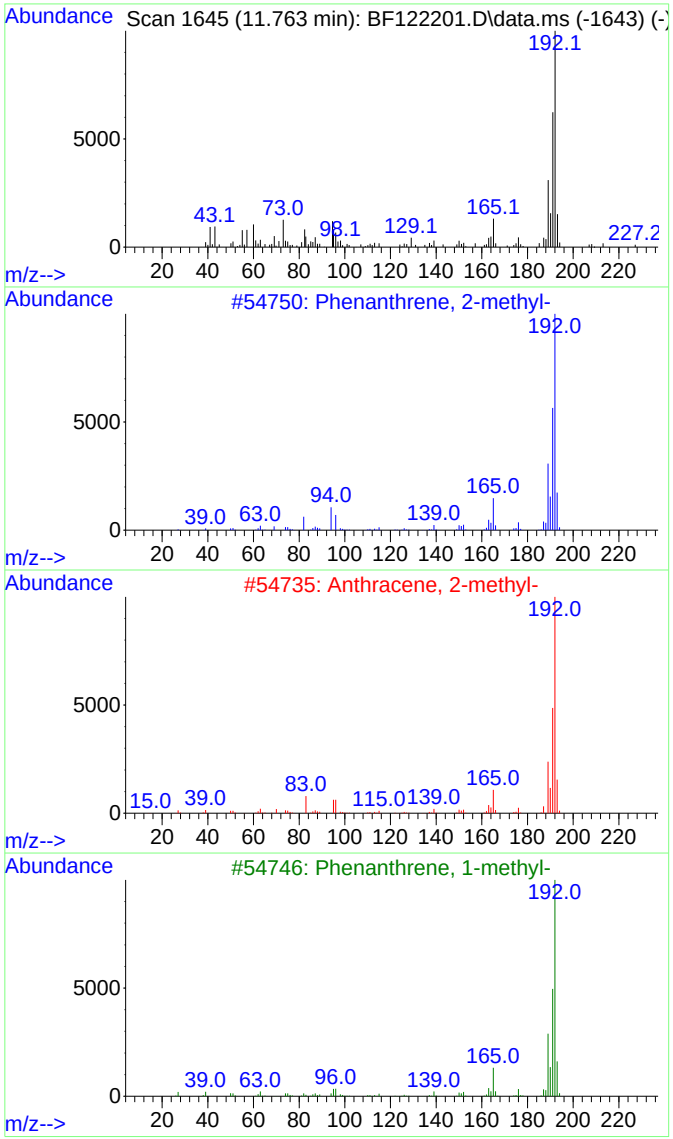
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

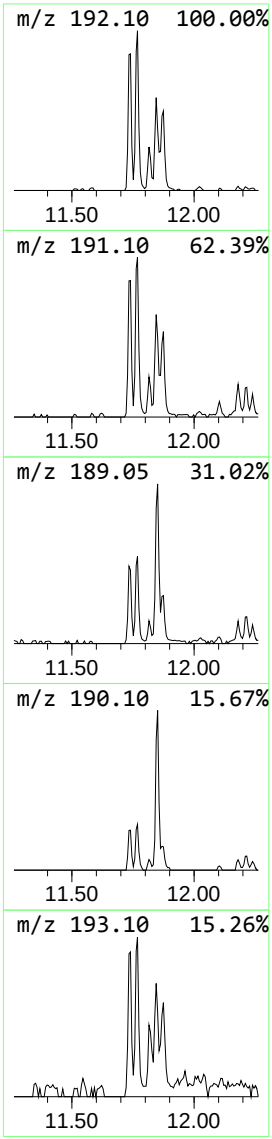
****

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	5.05 ng	163287	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

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

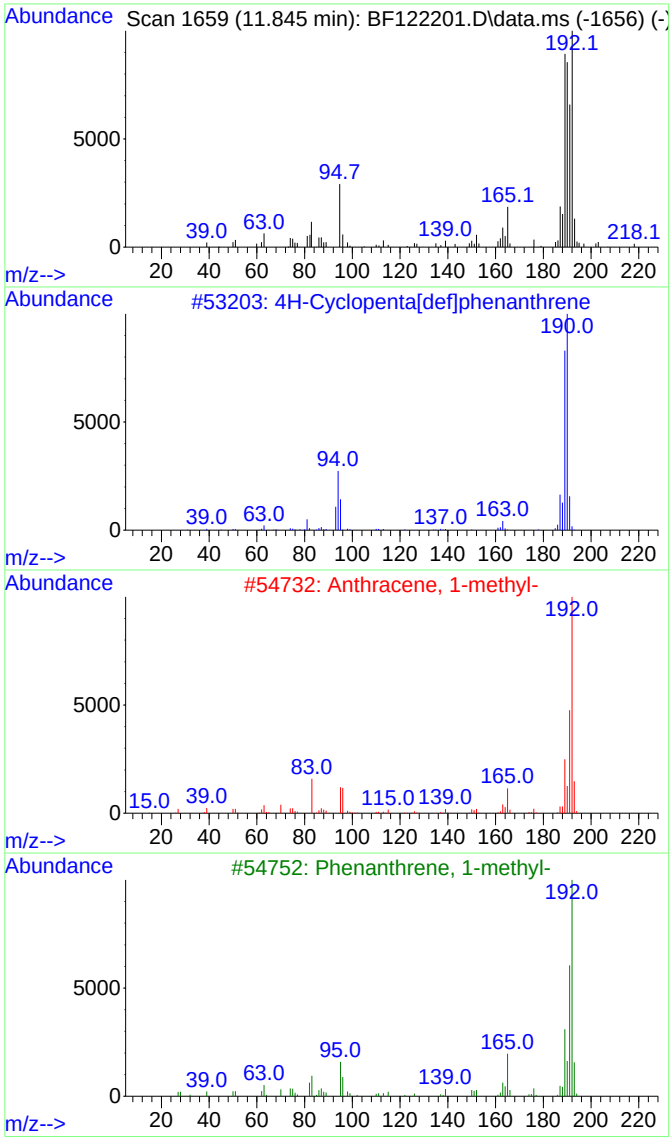
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

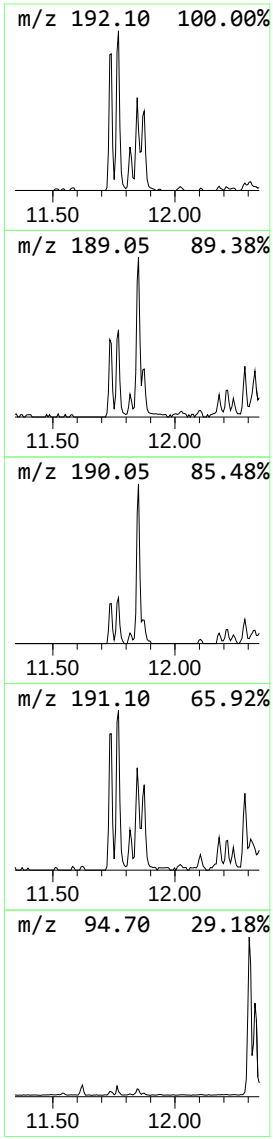
****

Peak Number 16 unknown11.845 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	3.49 ng	112814	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	43
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

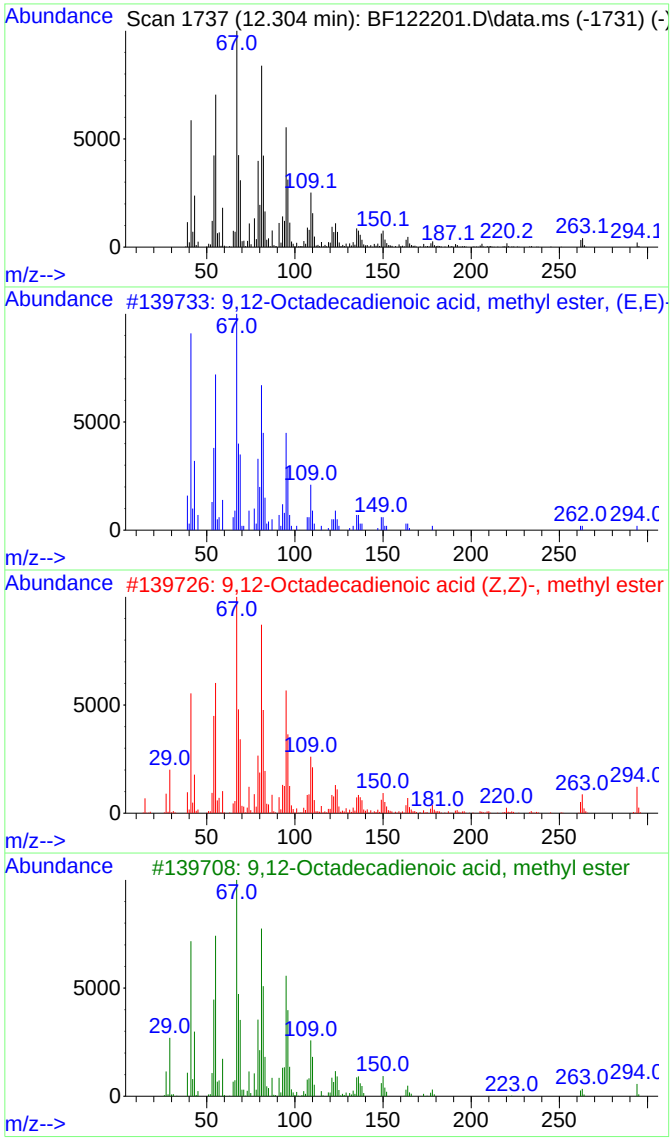
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

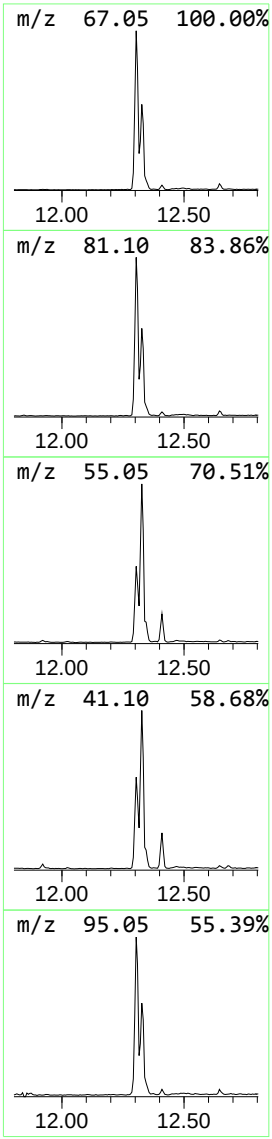
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	74.72 ng	2413570	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-102920

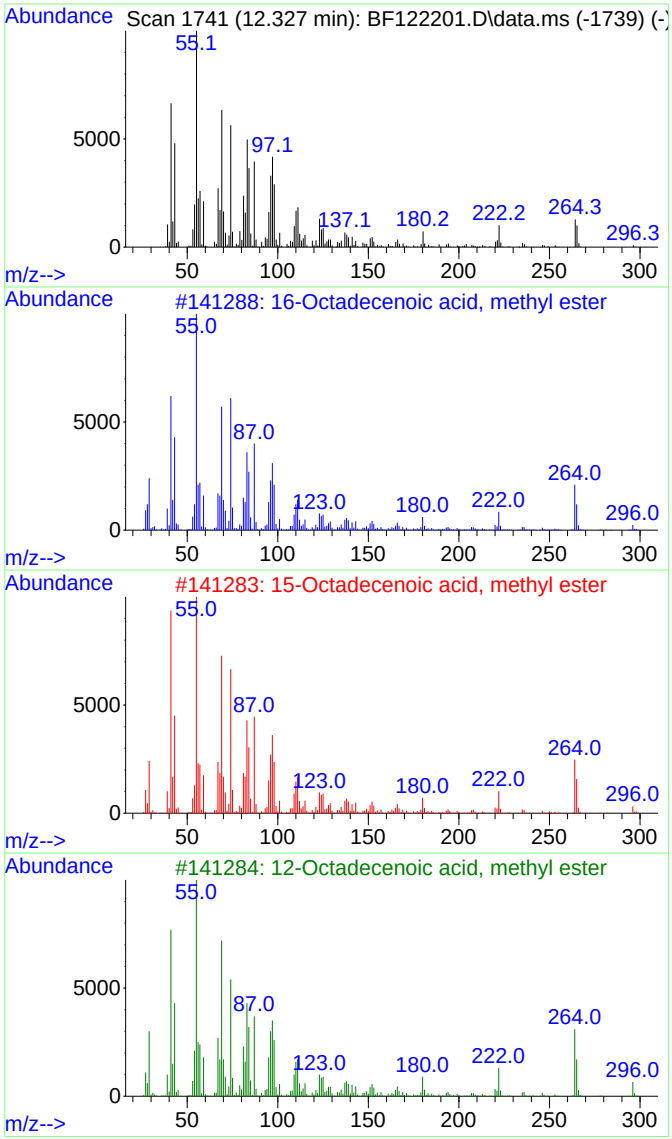
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

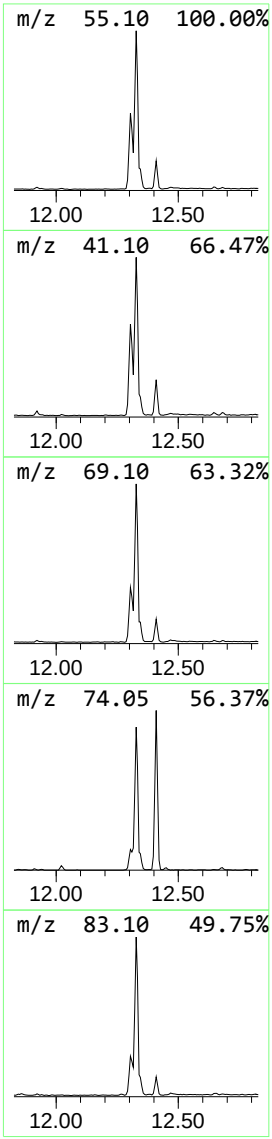
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	85.29 ng	2754990	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

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

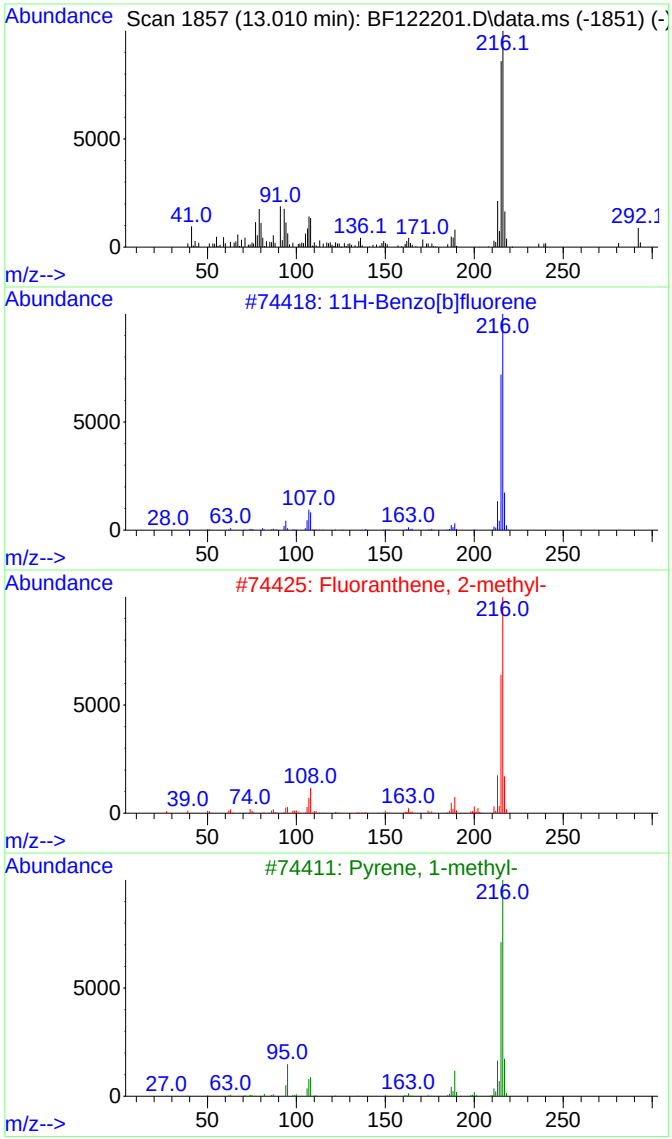
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

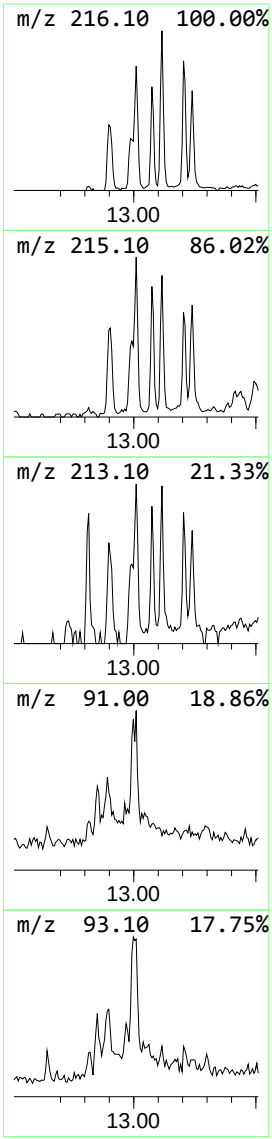
****

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	3.89 ng	158078	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

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

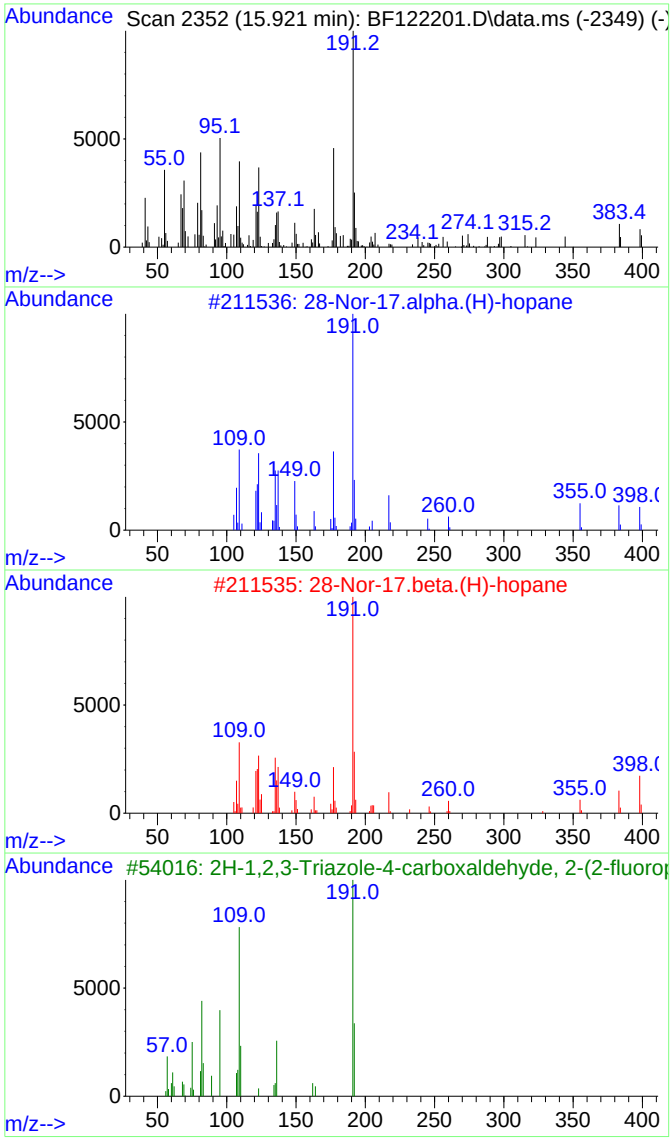
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

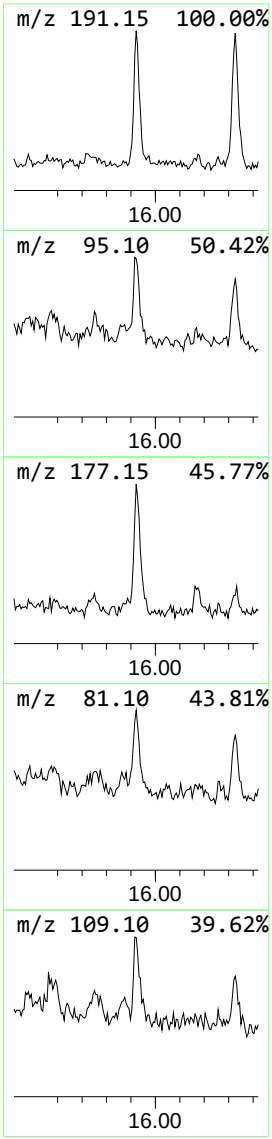
****

Peak Number 20 28-Nor-17.alpha.(H)-hopane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	5.41 ng	174501	Perylene-d12	15.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	91
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	62
3	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	43
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
5	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122201.D
Acq On : 31 Oct 2020 1:59
Operator : JU/CG
Sample : L4222-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-102920

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
trans-Decalin, ...	7.622	3.6	ng	144264	2	7.992	809100	20.0
Undecane, 2,6-d...	8.051	5.5	ng	222003	2	7.992	809100	20.0
Cyclohexane, (4...	8.281	5.8	ng	234445	2	7.992	809100	20.0
Sulfurous acid,...	8.410	6.9	ng	279962	2	7.992	809100	20.0
Tetradecane	8.580	13.7	ng	553864	2	7.992	809100	20.0
Tridecane, 2,5-...	8.675	4.2	ng	169522	2	7.992	809100	20.0
Tridecane, 2-me...	8.939	4.2	ng	170266	3	9.745	820441	20.0
Dodecane, 2,6,1...	9.010	5.6	ng	229361	3	9.745	820441	20.0
Hexadecane	9.145	15.6	ng	640010	3	9.745	820441	20.0
Pentadecane	9.669	9.7	ng	399659	3	9.745	820441	20.0
Dodecane	10.169	6.9	ng	283971	3	9.745	820441	20.0
Heptadecane	10.639	8.0	ng	259762	4	11.233	646051	20.0
Eicosane	11.086	3.7	ng	120490	4	11.233	646051	20.0
Hexadecanoic ac...	11.621	51.0	ng	1646630	4	11.233	646051	20.0
Phenanthrene, 2...	11.763	5.0	ng	163287	4	11.233	646051	20.0
unknown11.845	11.845	3.5	ng	112814	4	11.233	646051	20.0
9,12-Octadecadi...	12.304	74.7	ng	2413570	4	11.233	646051	20.0
16-Octadecenoic...	12.327	85.3	ng	2754990	4	11.233	646051	20.0
11H-Benzo[b]flu...	13.010	3.9	ng	158078	5	13.880	812010	20.0
28-Nor-17.alpha...	15.921	5.4	ng	174501	6	15.315	644978	20.0