LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125966.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	13	rVB	3780971	4902004	19.97%	2.031%
2	3.657	204	267	268	rBV	1839864	24549379	100.00%	10.172%
3	5.481	571	577	580	rVB	5750429	6078849	24.76%	2.519%
4	6.116	679	685	691	rVV2	817914	975821	3.97%	0.404%
5	6.398	730	733	735	rBV2	571318	578337	2.36%	0.240%
6	6.492	740	749	752	rBV	4693970	6476627	26.38%	2.684%
7	6.604	764	768	773	rBV4	434742	804011	3.28%	0.333%
8	6.857	808	811	813	rVV2	1410453	1263560	5.15%	0.524%
9	6.881	813	815	819	rVB	1817623	1384049	5.64%	0.573%
10	7.010	834	837	841	rVB	1308630	1191592	4.85%	0.494%
11	7.139	856	859	862	rVB	1234068	1323607	5.39%	0.548%
12	7.175	862	865	868	rBV2	730227	744673	3.03%	0.309%
13	7.257	874	879	882	rBV2	1318624	1403128	5.72%	0.581%
14	7.422	896	907	909	rBV3	3949465	6265472	25.52%	2.596%
15	7.510	917	922	925	rVB5	1172075	1899923	7.74%	0.787%
16	7.575	925	933	936	rBV4	1185584	2496283	10.17%	1.034%
17	7.622	937	941	943	rBV2	544157	807062	3.29%	0.334%
18	7.645	943	945	947	rVV	1292583	1064386	4.34%	0.441%
19	7.669	947	949	952	rVB	1298282	1089540	4.44%	0.451%
20	7.751	958	963	964	rBV2	939383	1209189	4.93%	0.501%
21	7.769	964	966	967	rVV	1271124	1071636	4.37%	0.444%
22	7.786	967	969	973	rVB4	1636429	1572102	6.40%	0.651%
23	7.828	973	976	979	rBV2	1431759	1550471	6.32%	0.642%
24	7.863	979	982	984	rBV2	795955	679999	2.77%	0.282%
25	7.969	997	1000	1004	rVB3	923503	1013704	4.13%	0.420%
26	8.016	1005	1008	1009	rBV	917392	771256	3.14%	0.320%
27	8.045	1011	1013	1016	rVB2	1060173	965191	3.93%	0.400%
28	8.104	1017	1023	1025	rBV4	1162934	2047475	8.34%	0.848%
29	8.139	1025	1029	1031	rBV2	2042714	2544897	10.37%	1.054%
30	8.216	1036	1042	1044	rVB2	4400977	4866517	19.82%	2.016%
31	8.239	1044	1046	1049	rBV4	978484	768930	3.13%	0.319%
32	8.304	1053	1057	1059	rBV3	851851	1113467	4.54%	0.461%
33	8.357	1063	1066	1068	rVB	998929	970015	3.95%	0.402%
34	8.439	1075	1080	1083	rBV5	2528127	3251400	13.24%	1.347%
35	8.469	1083	1085	1087	rVB2	816049	675199	2.75%	0.280%
36	8.498	1087	1090	1092	rVB2	971140	860967	3.51%	0.357%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.533	1092	1096	1099	rBV3	1678429	1804438	7.35%	0.748%
38	8.575	1099	1103	1105	rBV	4931269	5194851	21.16%	2.153%
39	8.610	1108	1109	1112	rVB2	1599754	1273214	5.19%	0.528%
40	8.657	1113	1117	1119	rBV2	1220068	1431045	5.83%	0.593%
41	8.692	1121	1123	1128	rVB4	685249	868175	3.54%	0.360%
42	8.745	1128	1132	1133	rBV2	1051285	1325992	5.40%	0.549%
43	8.839	1145	1148	1151	rVB3	3066098	3412085	13.90%	1.414%
44	8.898	1155	1158	1160	rBV3	1113613	1086975	4.43%	0.450%
45	8.922	1160	1162	1163	rBV	740181	573478	2.34%	0.238%
46	9.027	1177	1180	1182	rBV4	1121300	1183855	4.82%	0.491%
47	9.057	1182	1185	1189	rVB4	2112488	2739380	11.16%	1.135%
48	9.180	1202	1206	1209	rVB	5321330	5296070	21.57%	2.194%
49	9.222	1209	1213	1216	rBV	5248825	5144760	20.96%	2.132%
50	9.304	1224	1227	1232	rBV3	2041061	3644429	14.85%	1.510%
51	9.357	1233	1236	1237	rBV2	1048145	1094522	4.46%	0.454%
52	9.427	1244	1248	1251	rVB3	1575743	2163599	8.81%	0.897%
53	9.492	1255	1259	1263	rVV2	2186256	3573992	14.56%	1.481%
54	9.563	1265	1271	1273	rVV	3436656	4522787	18.42%	1.874%
55	9.586	1273	1275	1278	rVV3	1321619	1268874	5.17%	0.526%
56	9.633	1281	1283	1286	rVV	6748232	6281337	25.59%	2.603%
57	9.657	1286	1287	1288	rVV	923222	608876	2.48%	0.252%
58	9.675	1288	1290	1295	rVB	1740660	2044806	8.33%	0.847%
59	9.775	1303	1307	1310	rBV4	1486614	1897677	7.73%	0.786%
60	9.822	1312	1315	1318	rVB2	3475721	3161461	12.88%	1.310%
61	9.857	1318	1321	1323	rBV2	865502	885798	3.61%	0.367%
62	9.898	1323	1328	1331	rBV4	2428996	4035858	16.44%	1.672%
63	9.945	1334	1336	1338	rBV3	1305922	966294	3.94%	0.400%
64	10.010	1344	1347	1351	rVB2	2714184	3522117	14.35%	1.459%
65	10.051	1351	1354	1355	rBV	1136732	1026086	4.18%	0.425%
66	10.104	1360	1363	1367	rVV	3875715	4098778	16.70%	1.698%
67	10.145	1367	1370	1372	rVV	2590137	2424252	9.88%	1.005%
68	10.169	1372	1374	1380	rVB5	2220020	2701239	11.00%	1.119%
69	10.222	1380	1383	1385	rBV	2563419	2748570	11.20%	1.139%
70	10.251	1385	1388	1390	rVB	2495061	2122850	8.65%	0.880%
71	10.280	1390	1393	1395	rBV3	1184925	1544832	6.29%	0.640%
72	10.316	1397	1399	1403	rVB3	2434799	3458744	14.09%	1.433%
73	10.369	1405	1408	1410	rBV3	1119821	1307528	5.33%	0.542%
74	10.392	1410	1412	1416	rVB2	1169073	1214308	4.95%	0.503%
75	10.445	1418	1421	1423	rBV2	1459476	1419502	5.78%	0.588%
76	10.469	1423	1425	1428	rVB3	1203249	1279646	5.21%	0.530%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.563	1438	1441	1444	rVB	5683524	5209883	21.22%	2.159%
78	10.651	1453	1456	1457	rBV3	839740	842331	3.43%	0.349%
79	10.692	1457	1463	1466	rVV4	3207615	4636023	18.88%	1.921%
80	10.722	1466	1468	1471	rVV2	930993	978697	3.99%	0.406%
81	10.833	1481	1487	1490	rBV2	7993796	9525315	38.80%	3.947%
82	10.892	1494	1497	1499	rBV2	1399152	1551728	6.32%	0.643%
83	10.957	1505	1508	1511	rBV2	693827	962199	3.92%	0.399%
84	10.992	1511	1514	1517	rVV5	1077042	1573760	6.41%	0.652%
85	11.027	1517	1520	1526	rVB4	1648652	2388939	9.73%	0.990%
86	11.110	1532	1534	1536	rBV2	763551	784678	3.20%	0.325%
87	11.133	1536	1538	1539	rBV2	849856	702022	2.86%	0.291%
88	11.292	1561	1565	1571	rVB2	4771830	5551023	22.61%	2.300%
89	11.386	1578	1581	1582	rBV	1213172	974364	3.97%	0.404%
90	11.410	1582	1585	1589	rVB2	1197993	1183692	4.82%	0.490%
91	11.639	1621	1624	1627	rVB	1305630	1202725	4.90%	0.498%
92	11.886	1664	1666	1668	rVV	768059	623906	2.54%	0.259%
93	11.910	1668	1670	1674	rVB	1253744	1141402	4.65%	0.473%
94	11.992	1682	1684	1694	rVB2	1218454	2298095	9.36%	0.952%
95	12.363	1743	1747	1753	rVB2	792685	1596033	6.50%	0.661%
96	12.433	1756	1759	1762	rVB	842627	760576	3.10%	0.315%
97	12.968	1845	1850	1853	rBV	6164076	5887389	23.98%	2.439%
98	13.868	1999	2003	2017	rVB	592805	828097	3.37%	0.343%
99	14.010	2023	2027	2031	rBV	1503151	1341429	5.46%	0.556%
100	15.474	2271	2276	2282	rVB2	1008953	1210124	4.93%	0.501%

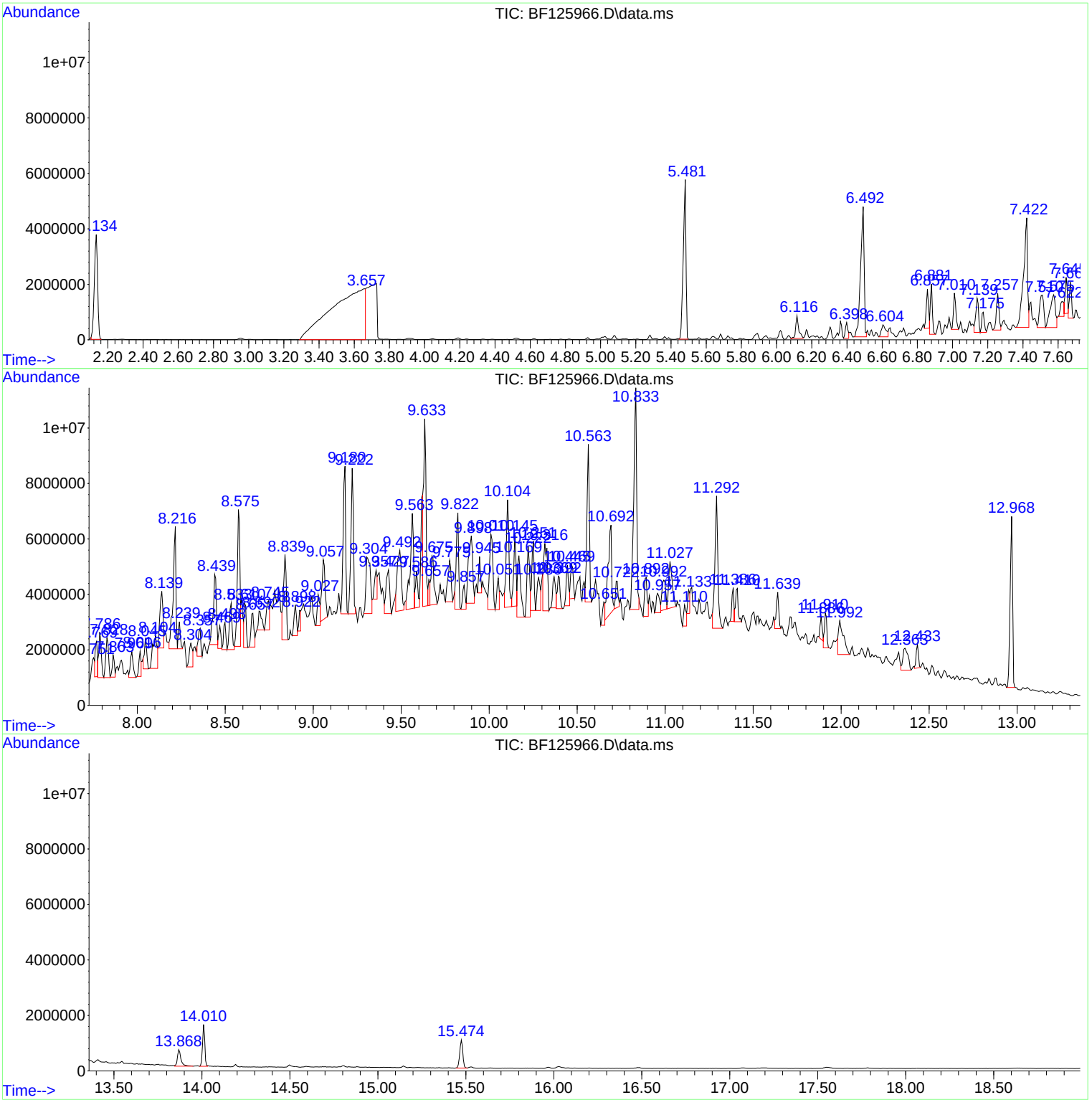
Sum of corrected areas: 241338228

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

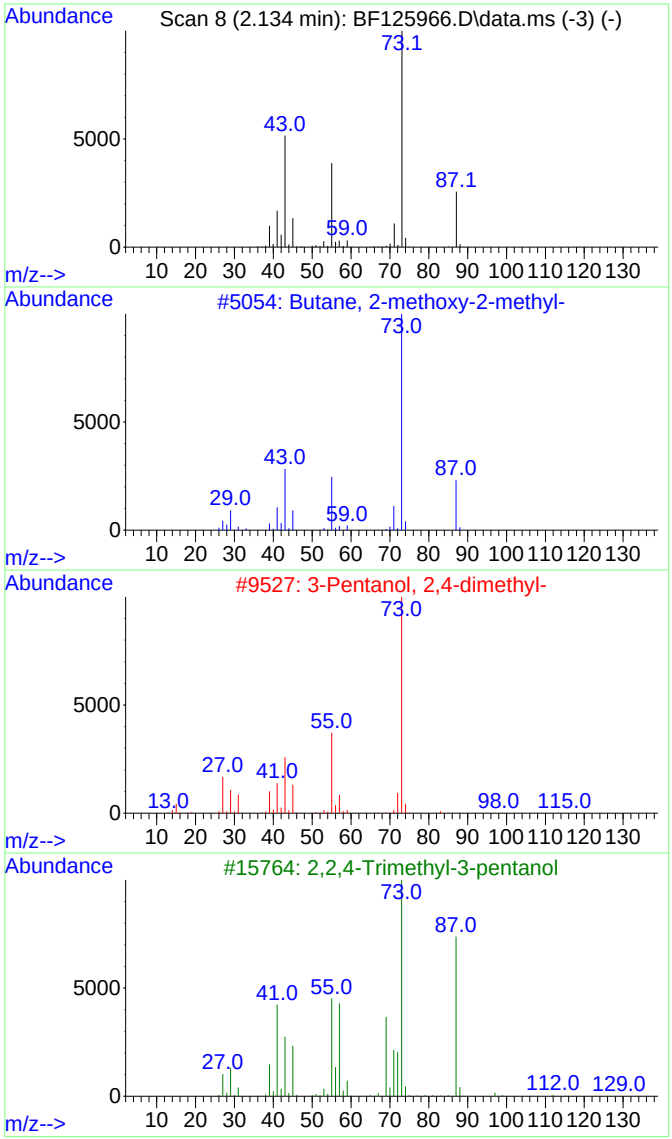
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

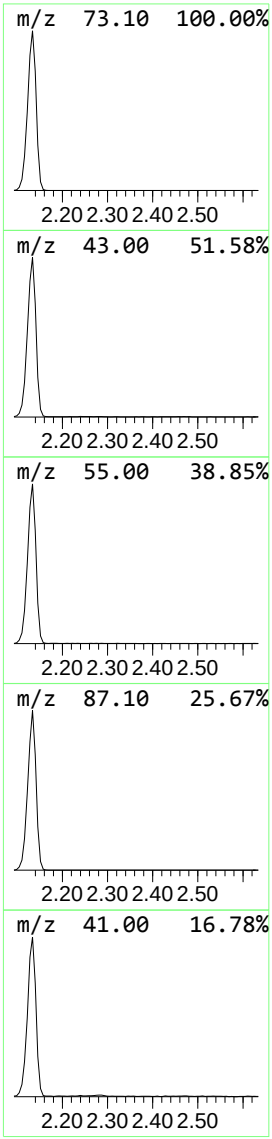
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	77.59 ng	4902000	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

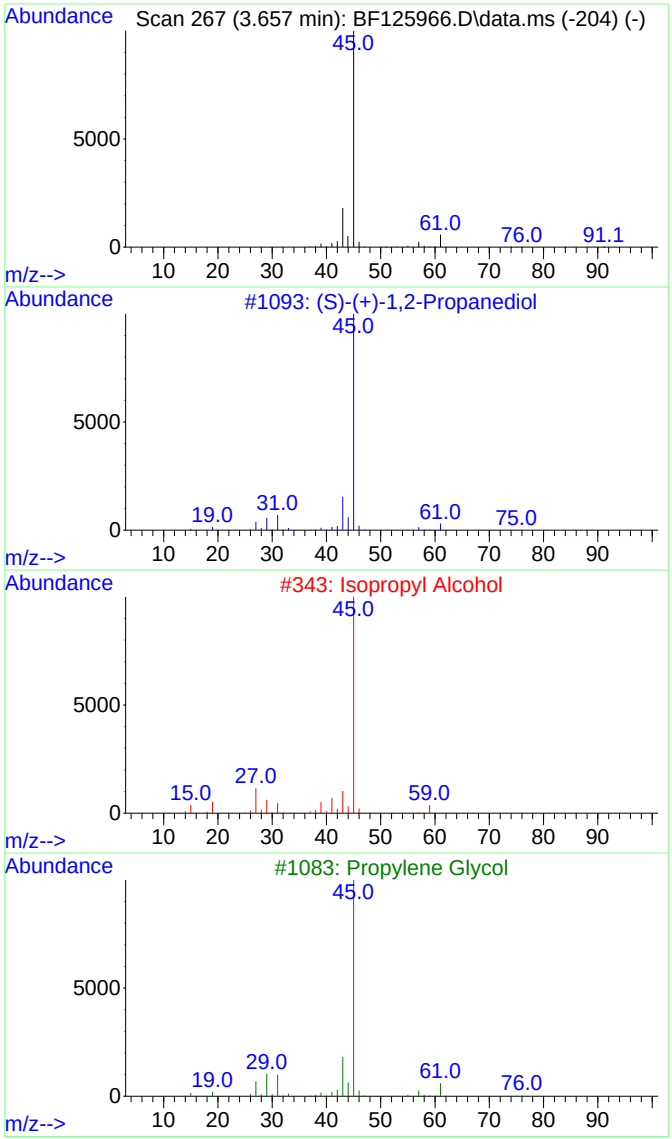
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

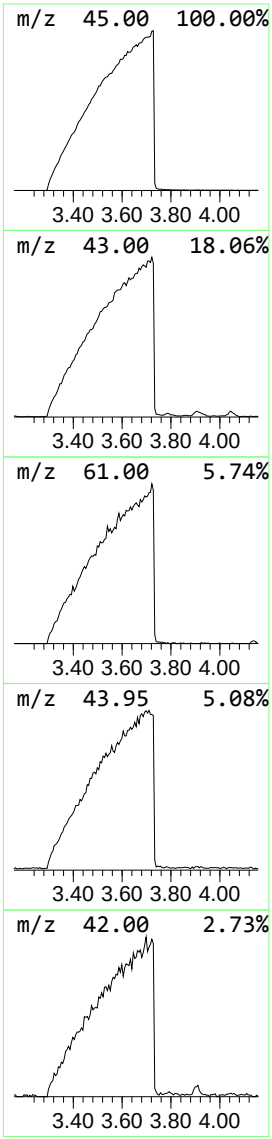
****

Peak Number 2 (S)-(+)-1,2-Propanediol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.657	388.57 ng	24549400	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3	Propylene Glycol	76	C3H8O2	000057-55-6	46
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
5	Formamide	45	CH3NO	000075-12-7	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

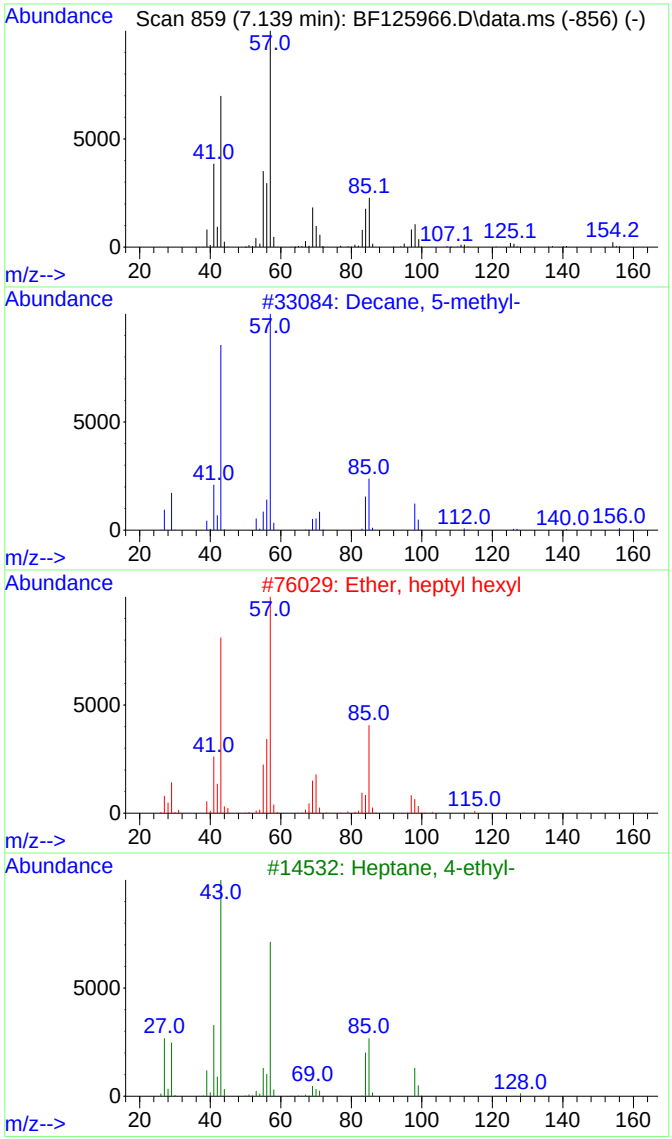
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

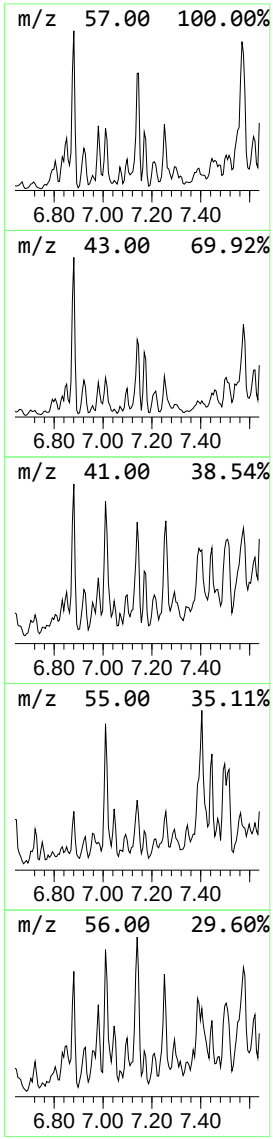
****

Peak Number 3 Decane, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	20.95 ng	1323610	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2	Ether, heptyl hexyl	200	C13H28O	007289-40-9	53
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
4	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	53
5	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

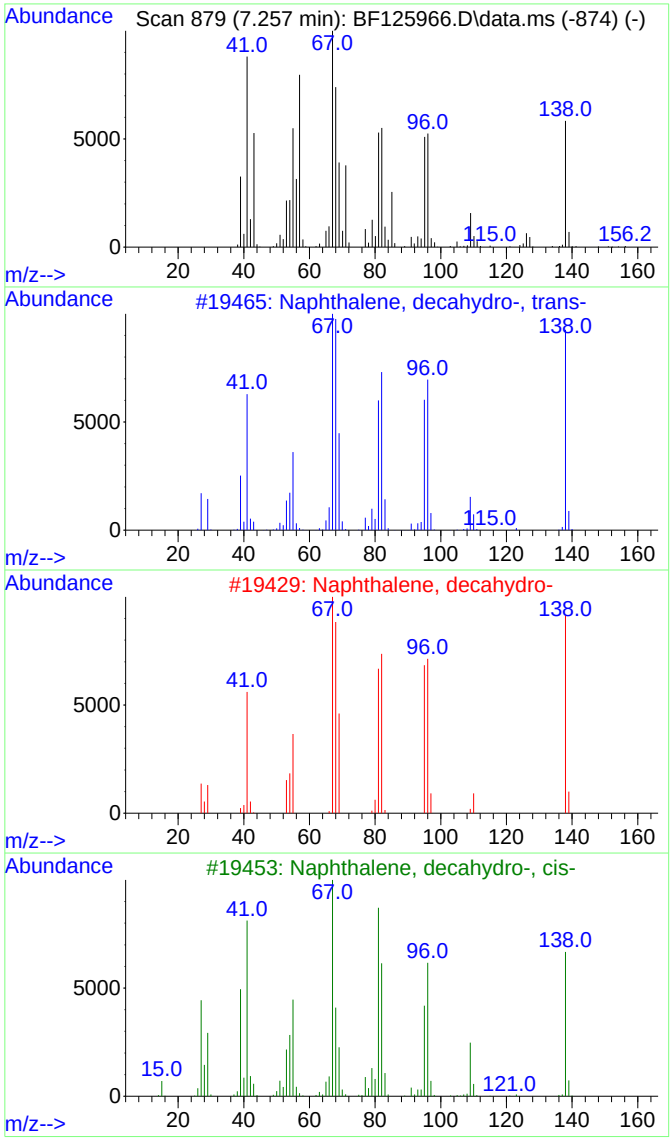
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

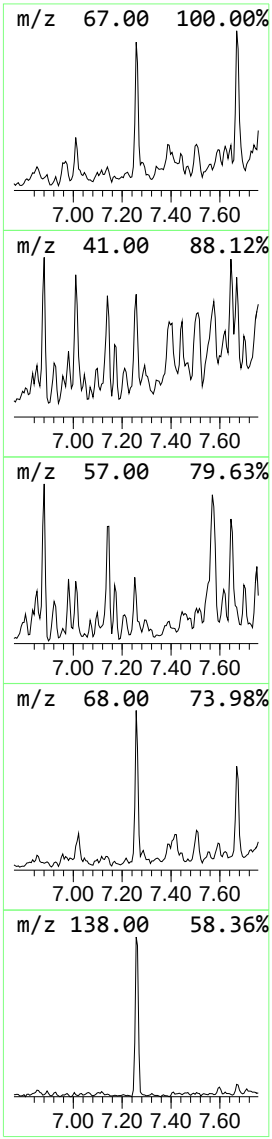
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	22.21 ng	1403130	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
4	Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	83
5	Spiro[4.5]decane	138	C10H18	000176-63-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

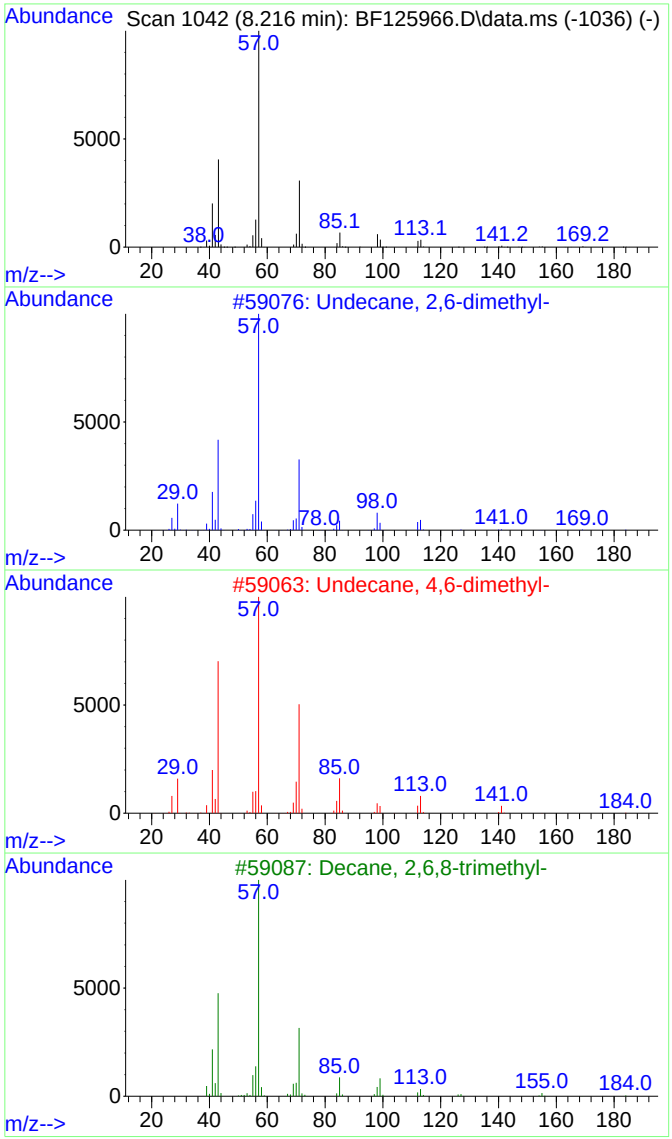
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

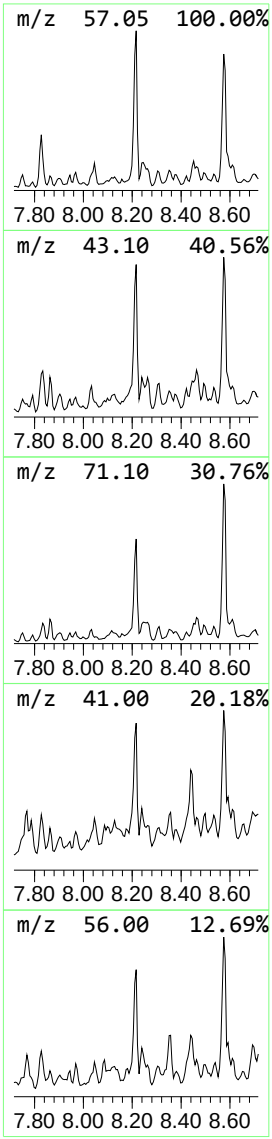
****

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.216	38.25 ng	4866520	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

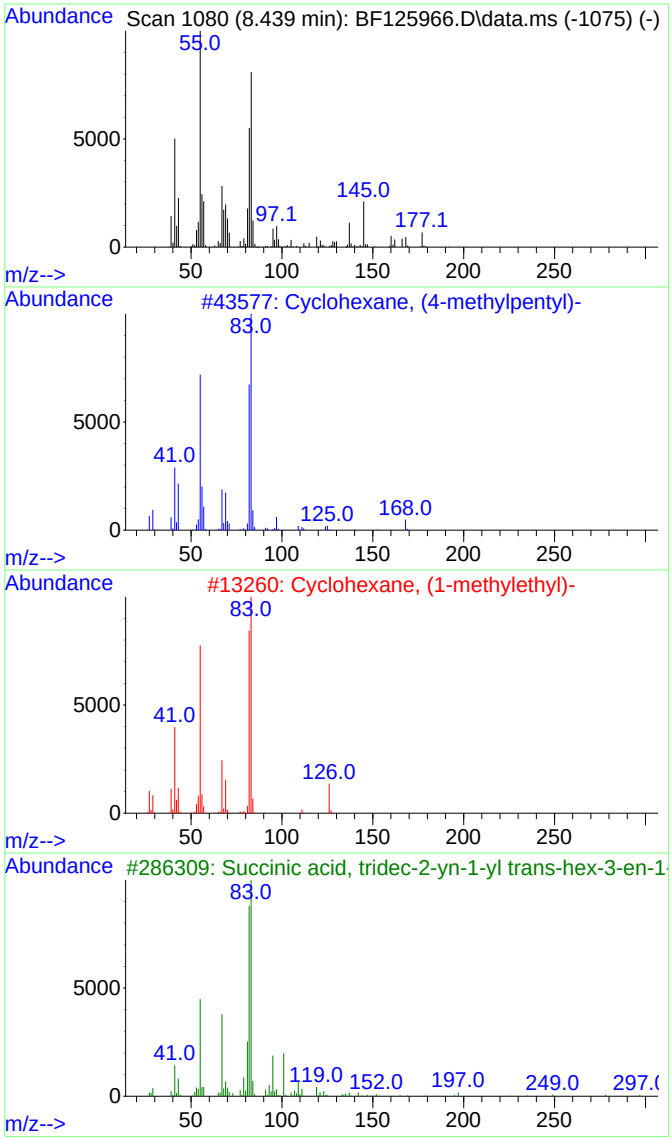
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

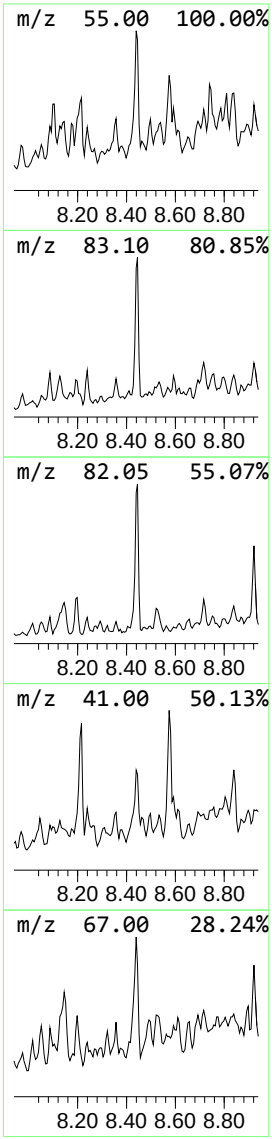
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, (4-methylpentyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	25.55 ng	3251400	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3	Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	50
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

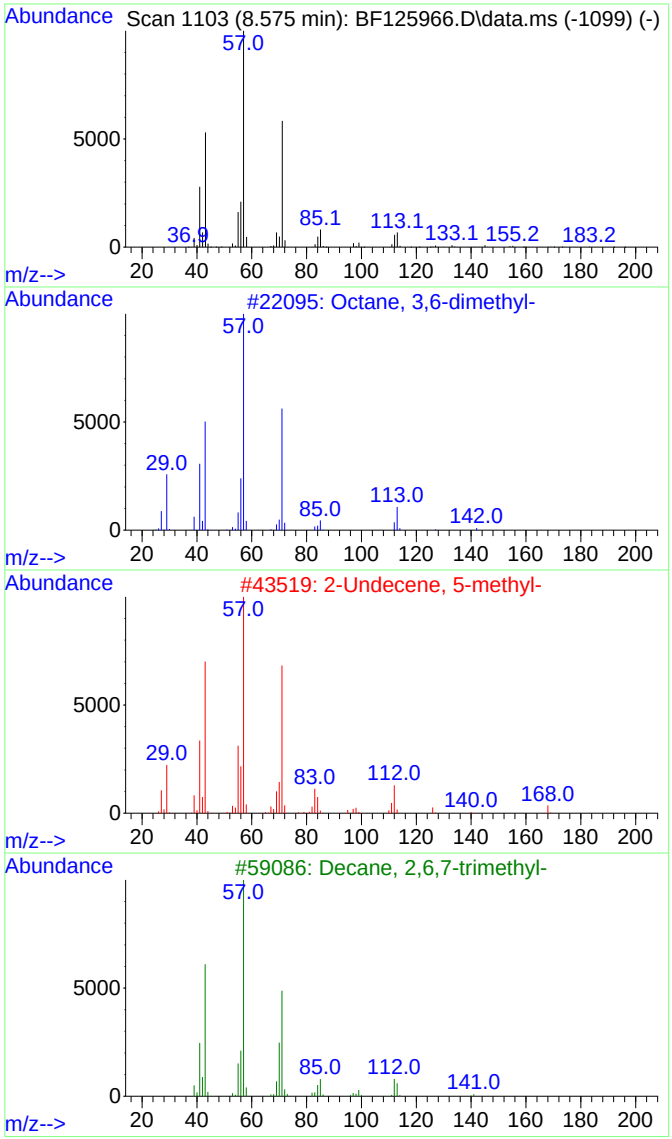
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

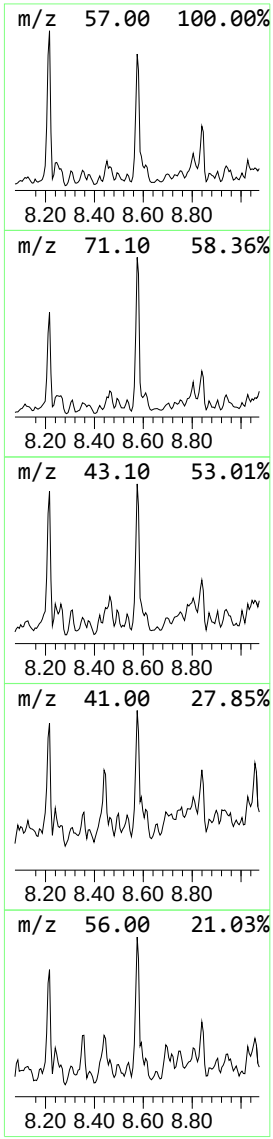
****

Peak Number 7 Octane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	40.83 ng	5194850	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	72
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

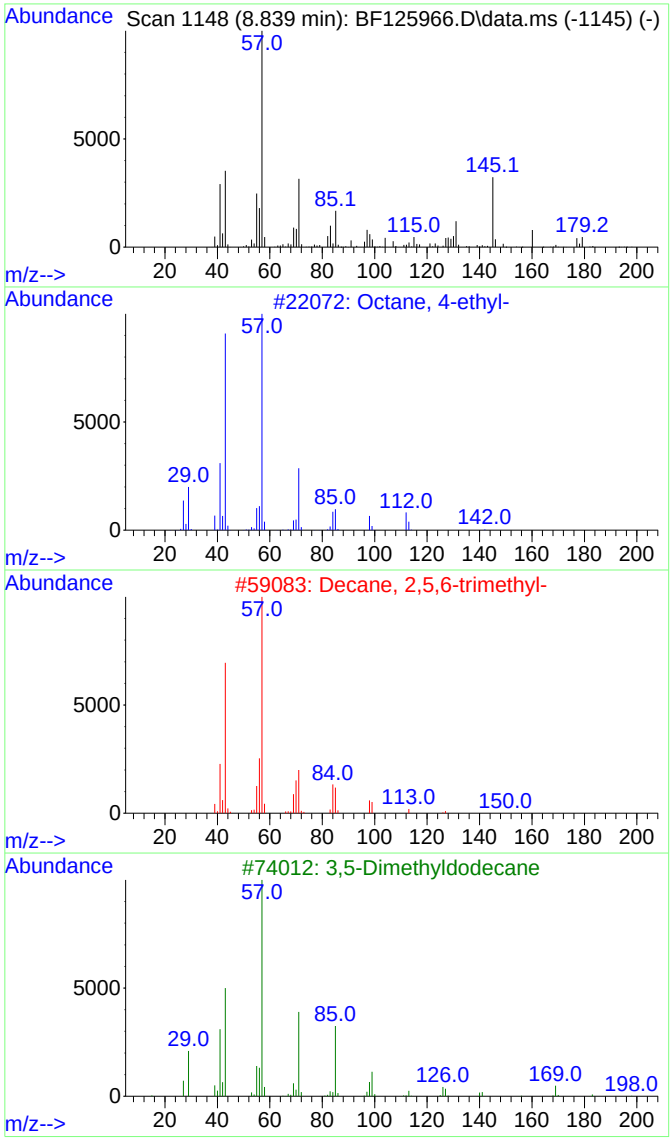
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

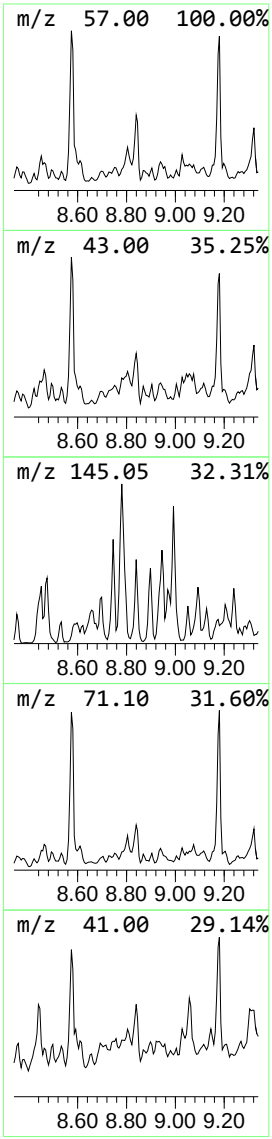
****

Peak Number 8 unknown8.839 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.839	26.82 ng	3412090	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	35
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	35
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	25
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	22
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

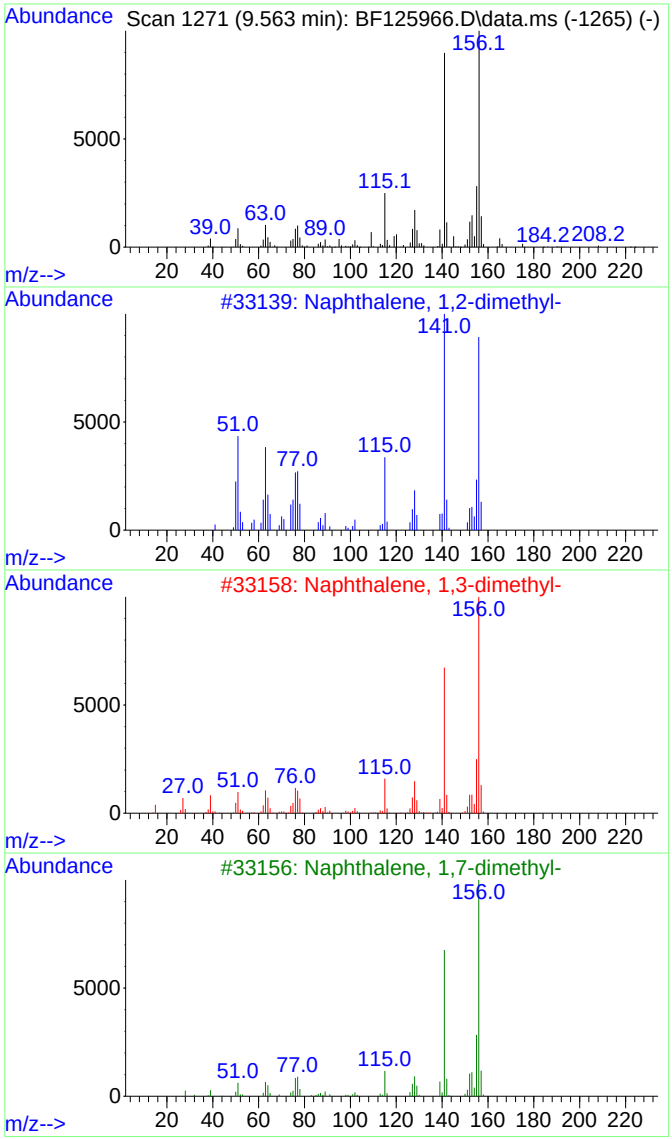
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

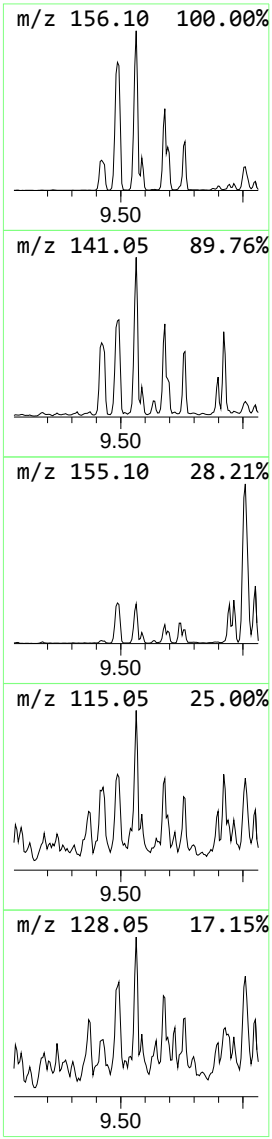
****

Peak Number 9 Naphthalene, 1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	22.41 ng	4522790	Acenaphthene-d10	9.904

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

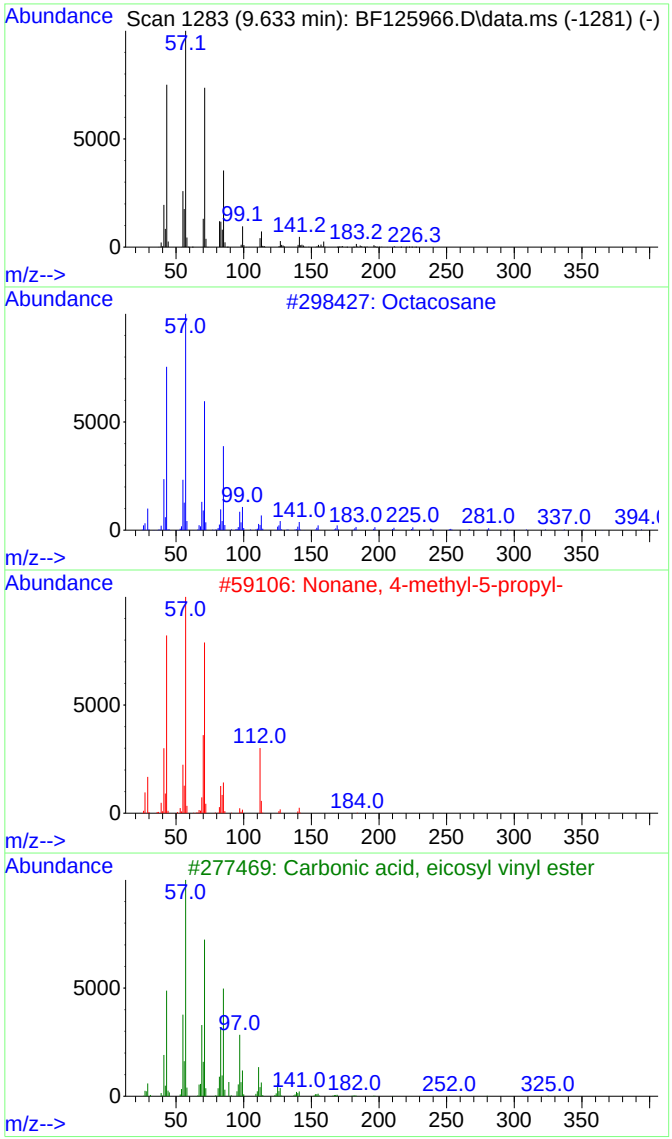
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

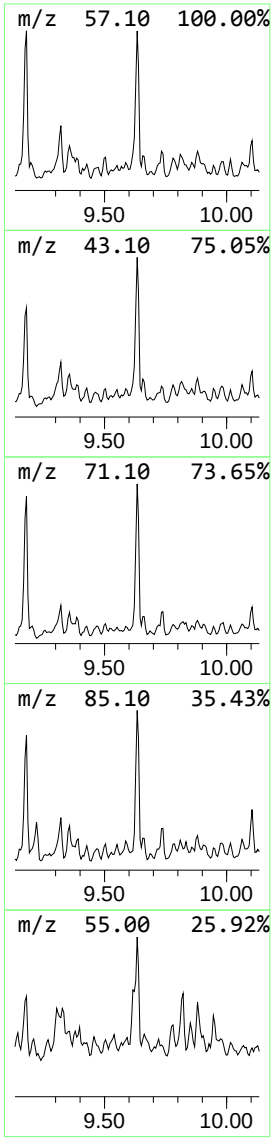
****

Peak Number 10 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	31.13 ng	6281340	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	81
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

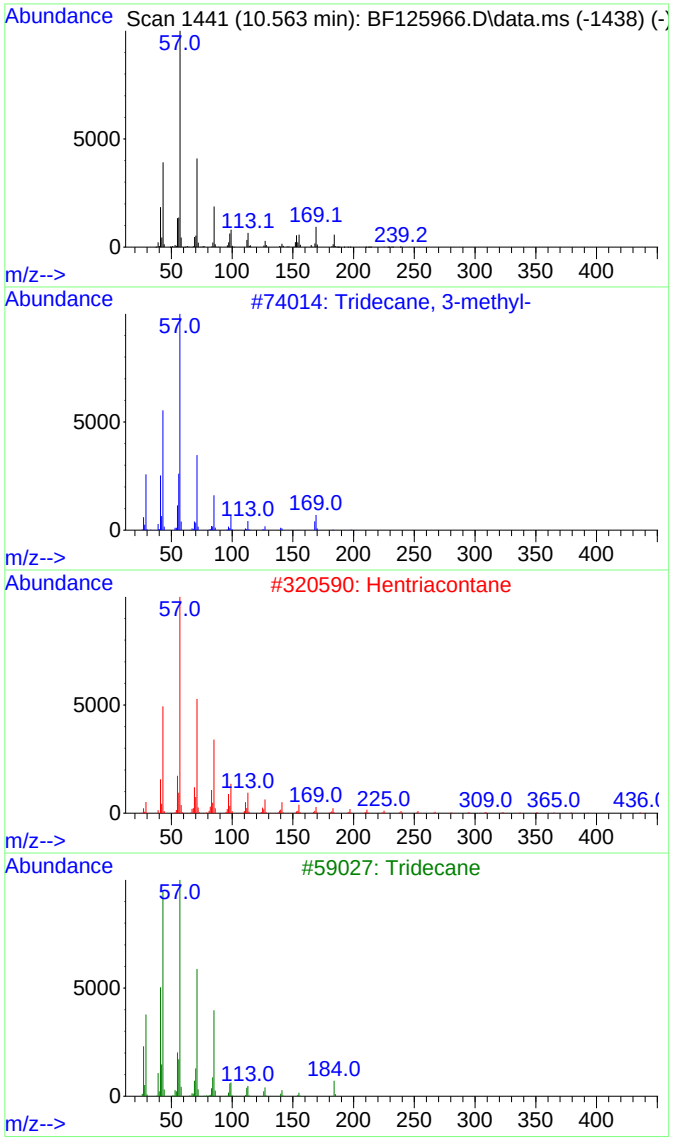
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

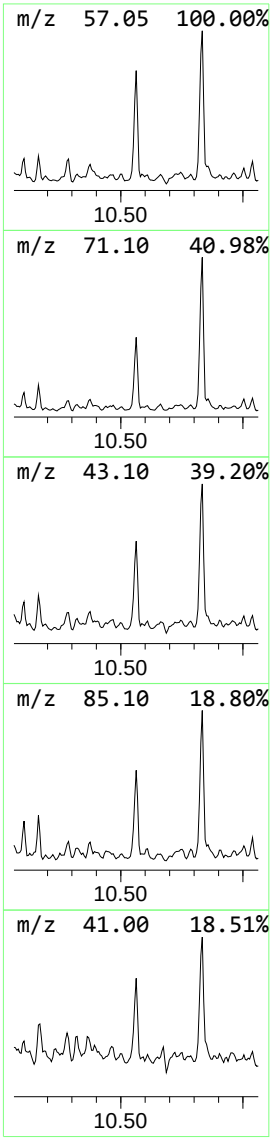
****

Peak Number 11 Tridecane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.563	25.82 ng	5209880	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2	Hentriacontane	437	C31H64	000630-04-6	59
3	Tridecane	184	C13H28	000629-50-5	53
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

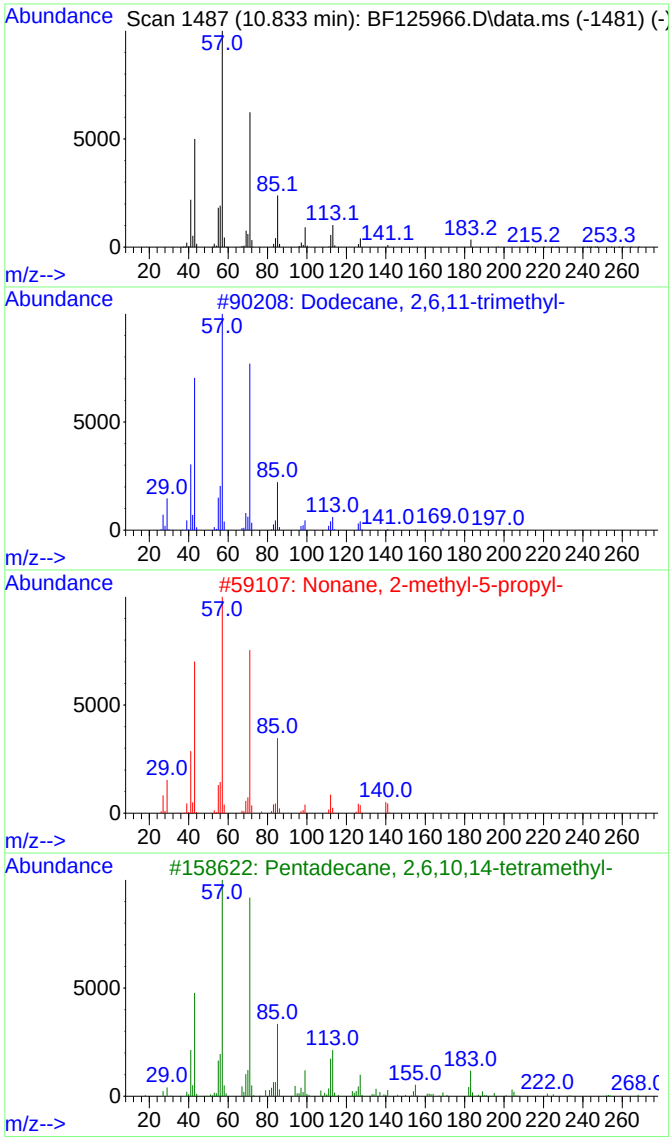
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

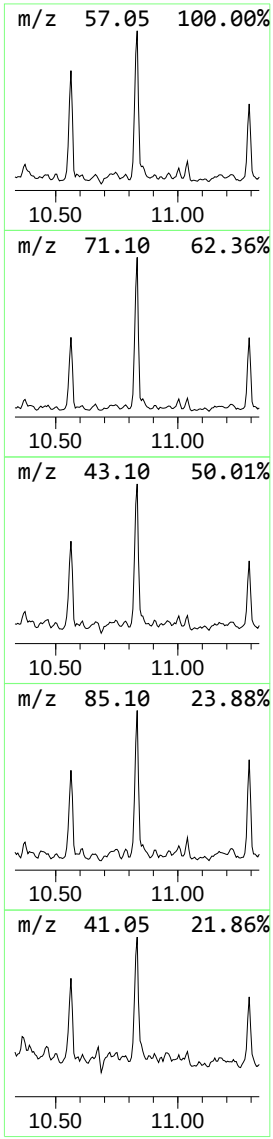
****

Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	195.52 ng	9525320	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5

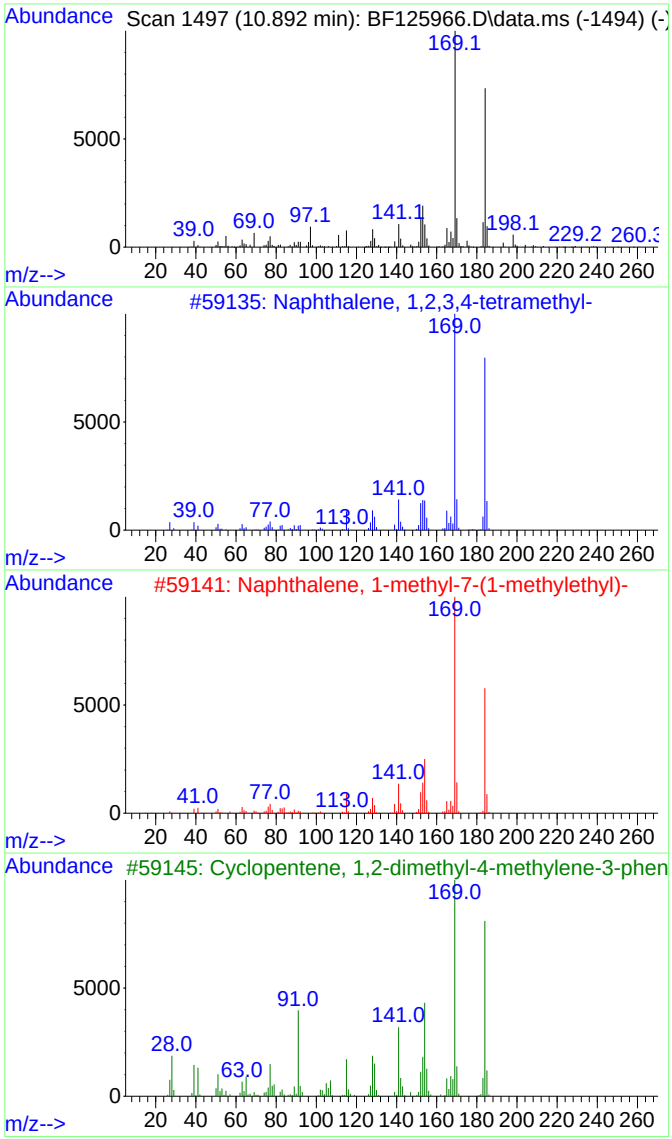
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

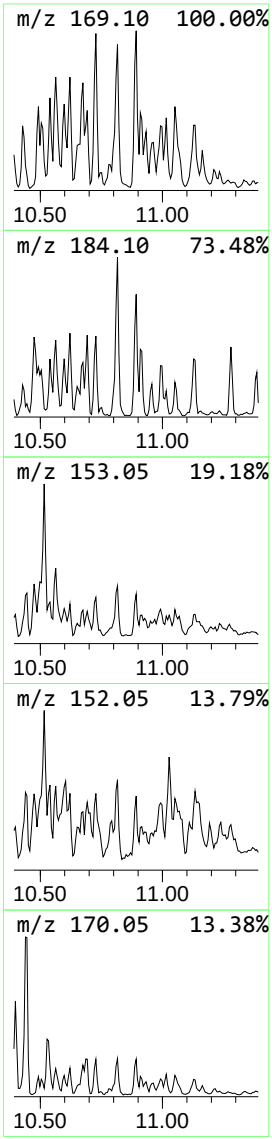
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2,3,4-tetram... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.892	31.85 ng	1551730	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	95
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	91
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	90
4	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	86
5	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

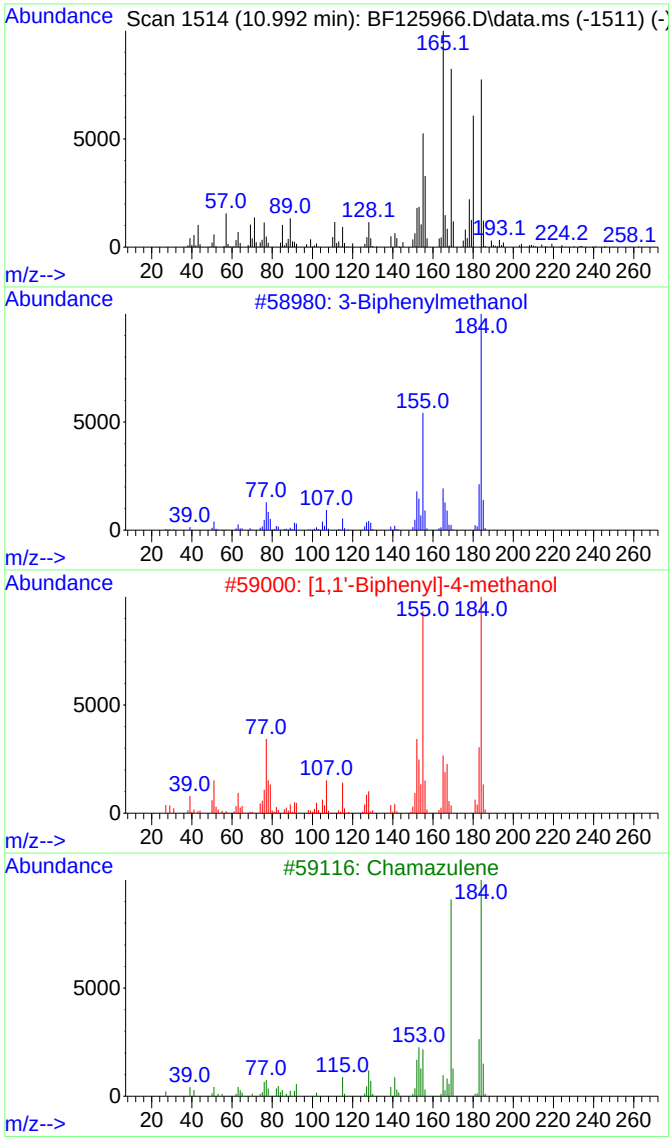
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

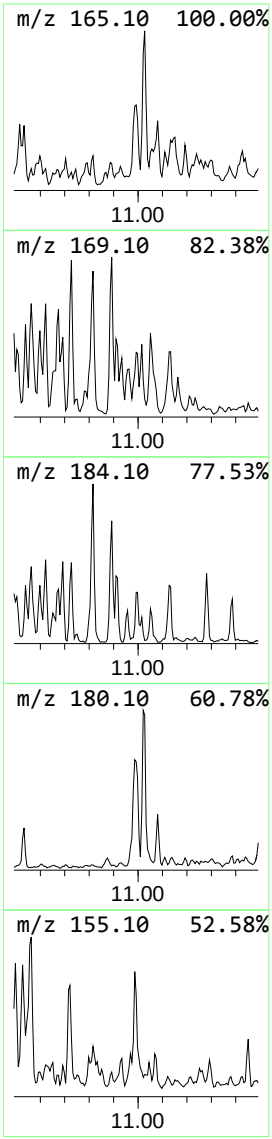
****

Peak Number 14 3-Biphenylmethanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	32.30 ng	1573760	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Biphenylmethanol	184	C13H12O	069605-90-9	70
2	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	51
3	Chamazulene	184	C14H16	000529-05-5	50
4	2H-pyrrol-2-one, 3-(diethylamino...	184	C9H16N2O2	1010404-92-1	46
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

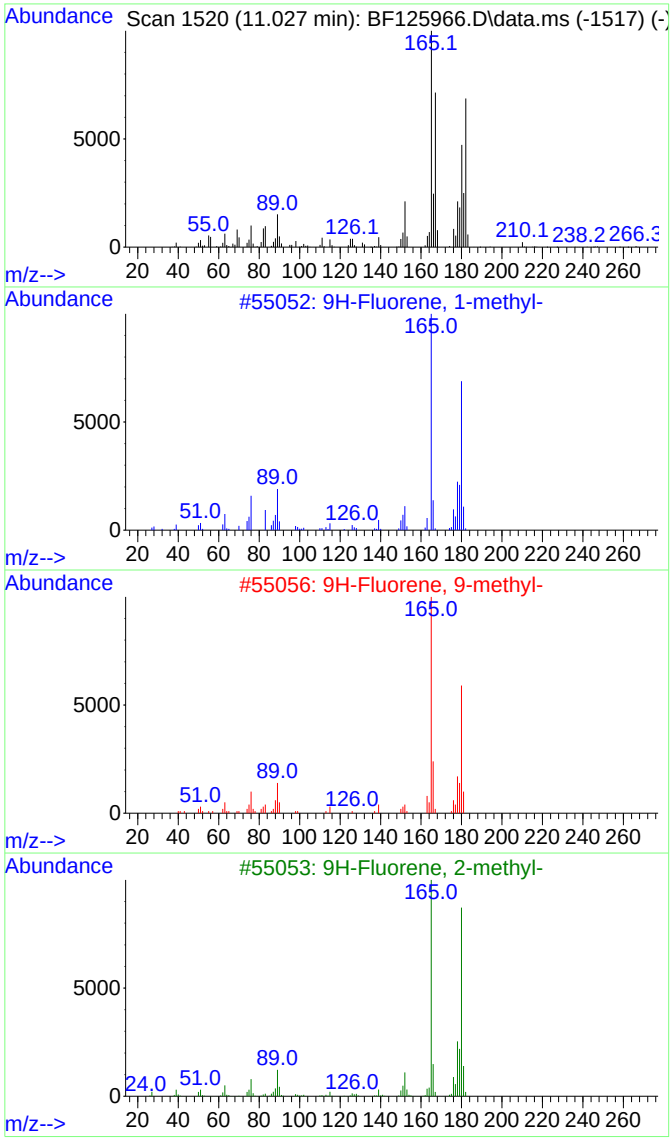
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

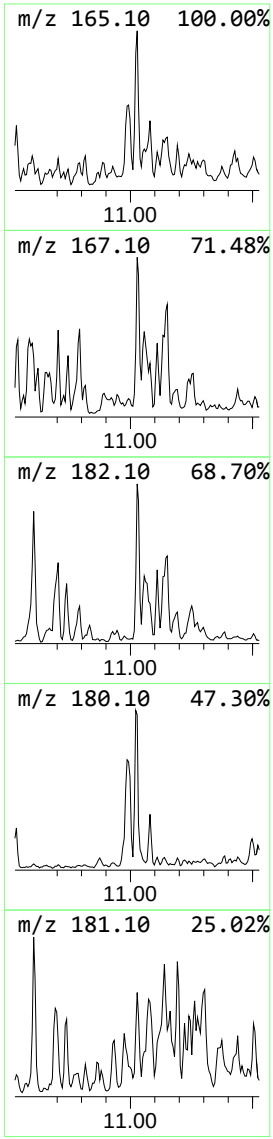
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9H-Fluorene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.027	49.04 ng	2388940	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	49
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	49
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	46
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

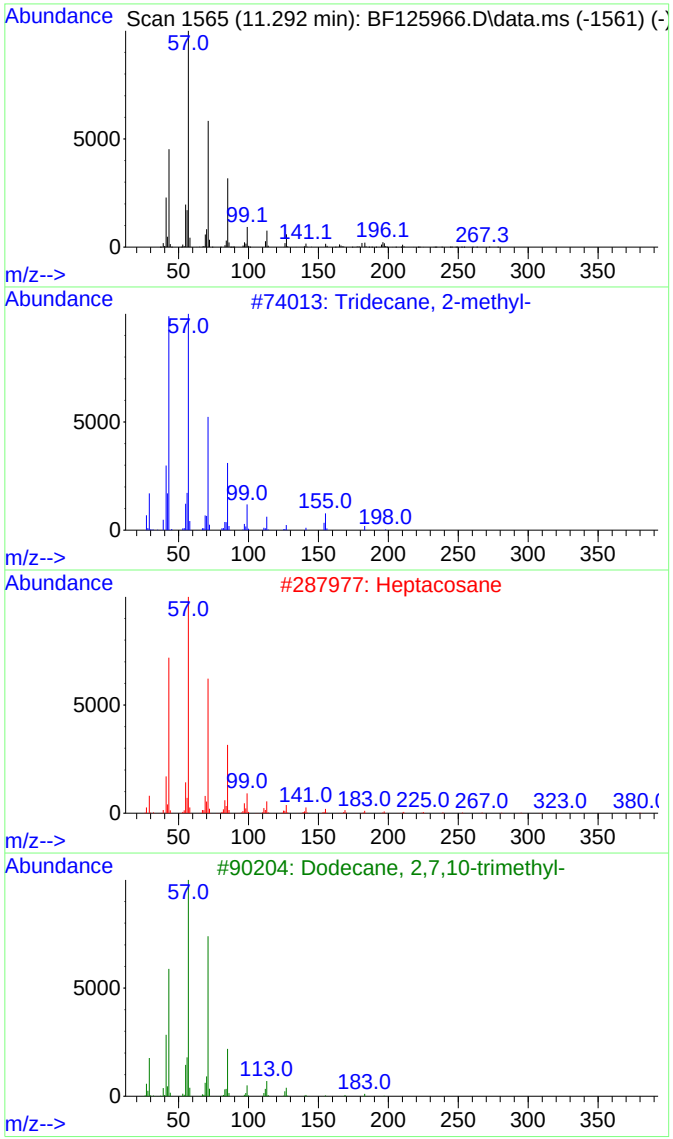
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

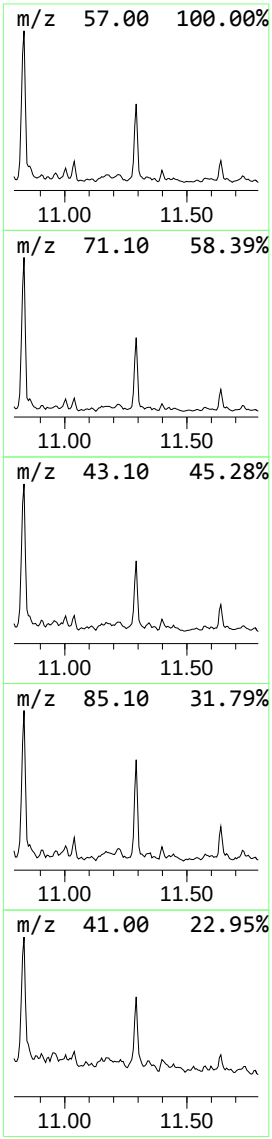
****

Peak Number 16 Tridecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	113.94 ng	5551020	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	76
2	Heptacosane	380	C27H56	000593-49-7	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

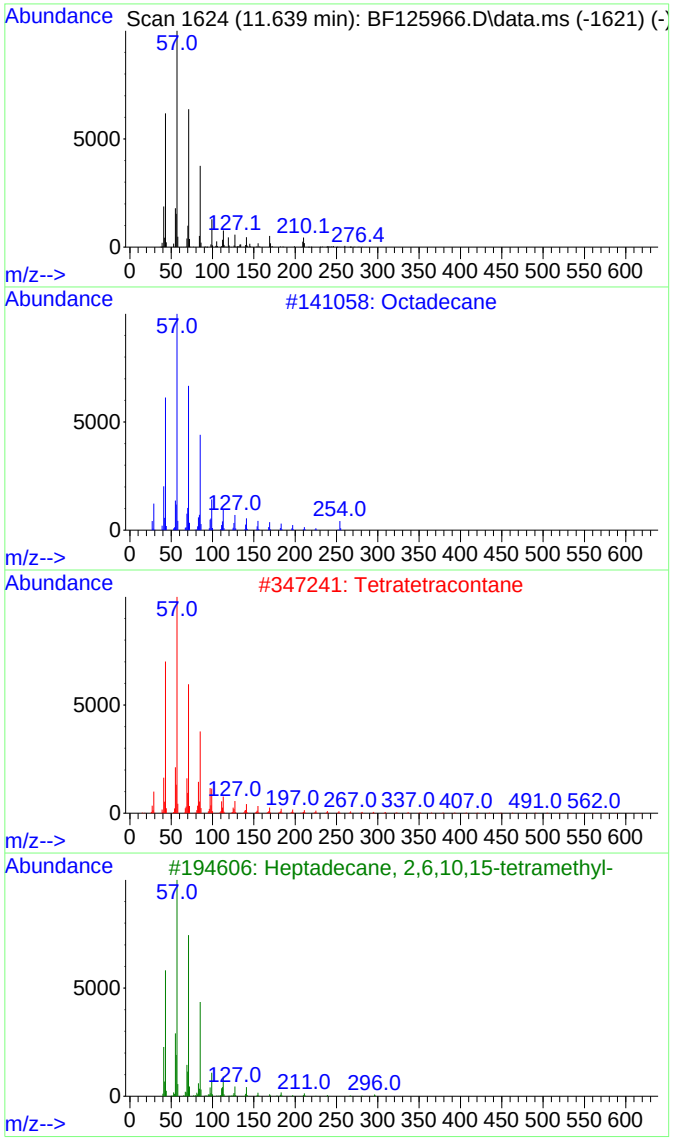
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

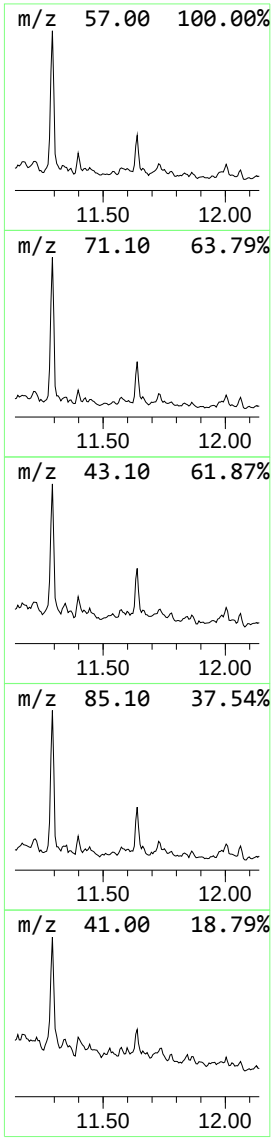
****

Peak Number 17 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	24.69 ng	1202730	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Hexacosane	366	C26H54	000630-01-3	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

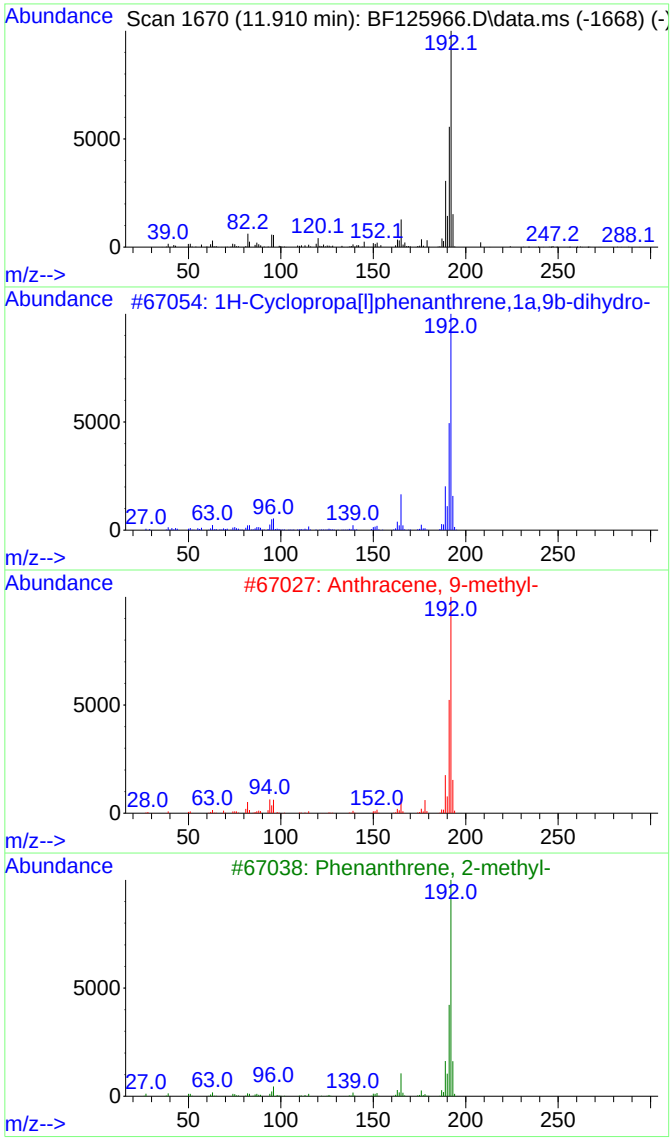
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

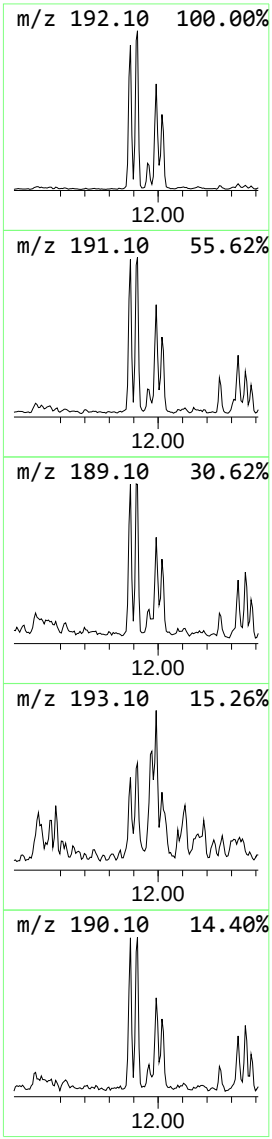
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	23.43 ng	1141400	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

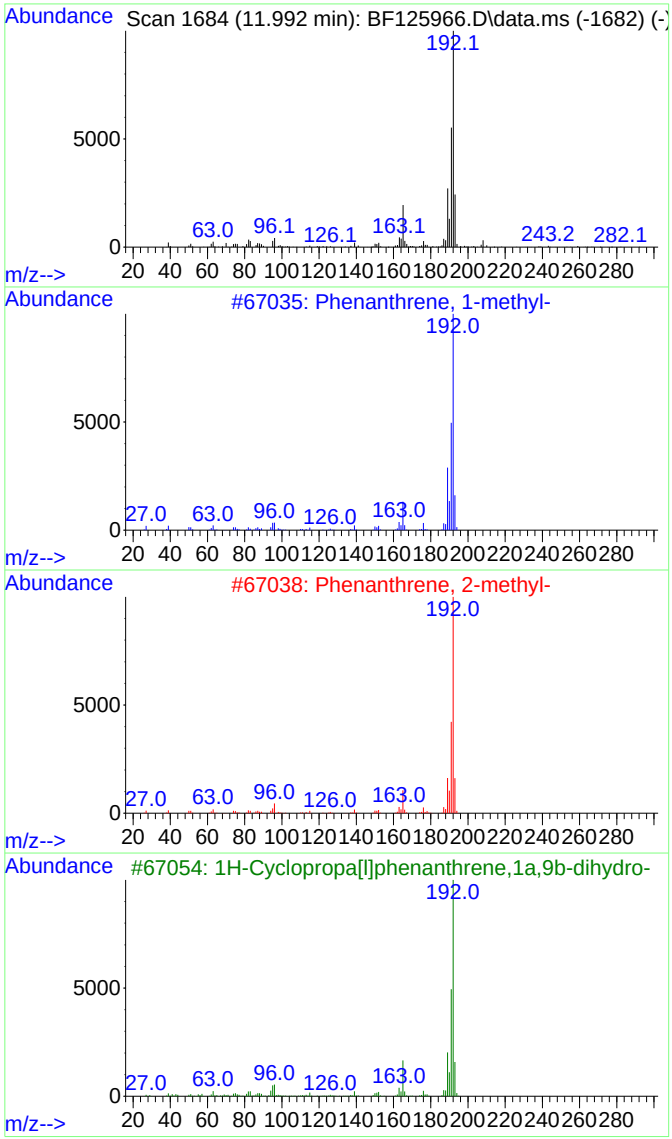
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

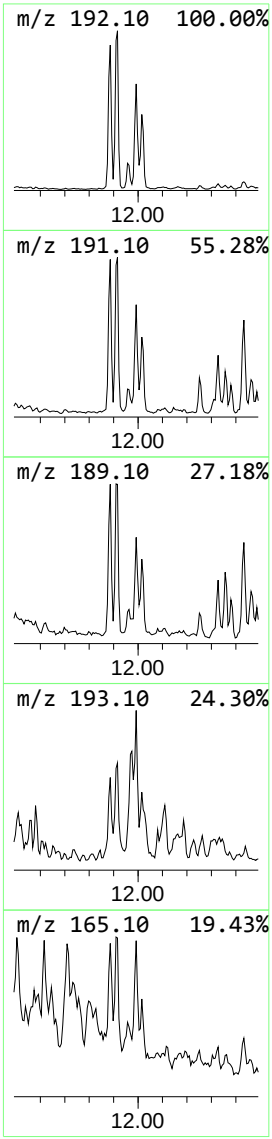
****

Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	47.17 ng	2298100	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

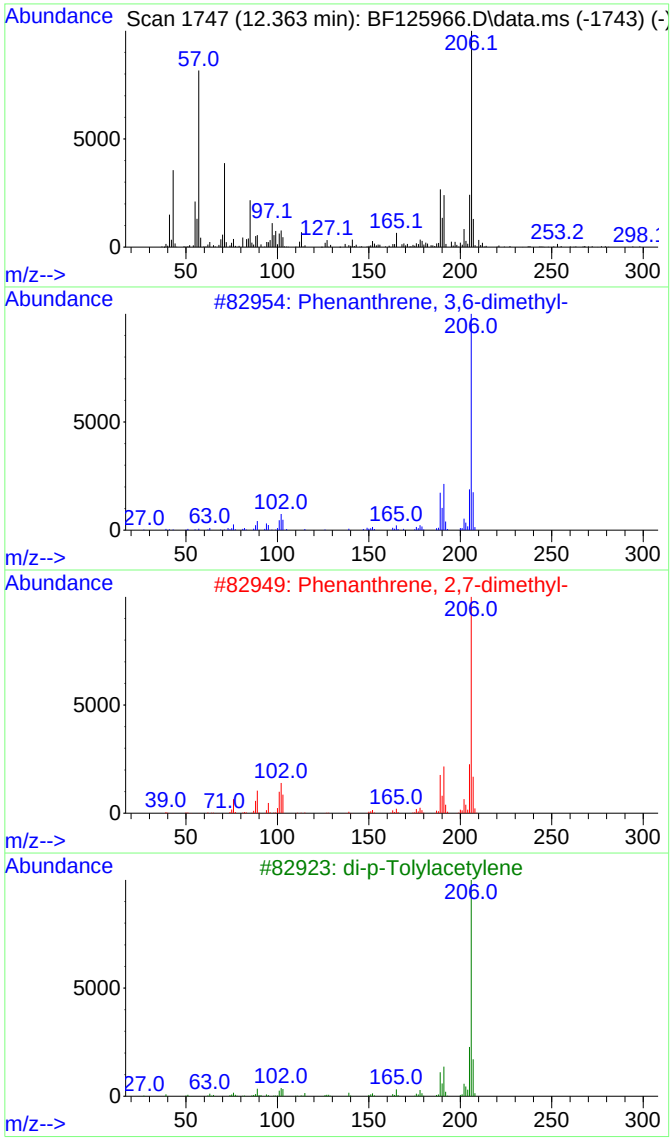
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

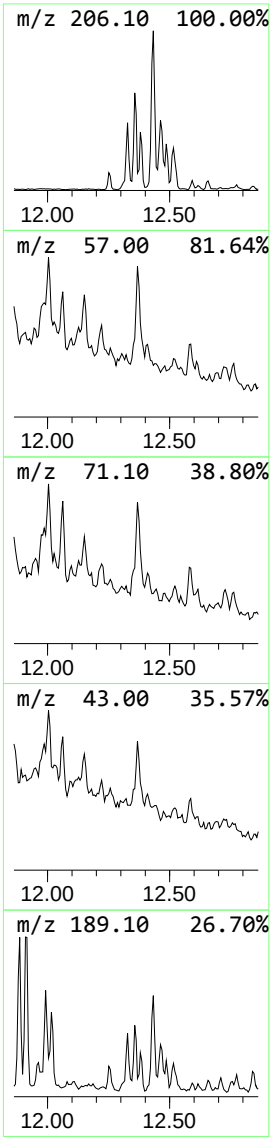
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	32.76 ng	1596030	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	47
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46
5	1,2-Dihydro-3-phenylnaphthalene	206	C16H14	020669-52-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125966.D
Acq On : 27 Oct 2021 16:35
Operator : JU/CG
Sample : M4372-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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...	2.134	77.6	ng	4902000	1	6.857	1263560	20.0
(S)-(+)-1,2-Pro...	3.657	388.6	ng	24549400	1	6.857	1263560	20.0
Decane, 5-methyl-	7.139	20.9	ng	1323610	1	6.857	1263560	20.0
Naphthalene, de...	7.257	22.2	ng	1403130	1	6.857	1263560	20.0
Undecane, 2,6-d...	8.216	38.3	ng	4866520	2	8.139	2544900	20.0
Cyclohexane, (4...	8.439	25.6	ng	3251400	2	8.139	2544900	20.0
Octane, 3,6-dim...	8.575	40.8	ng	5194850	2	8.139	2544900	20.0
unknown8.839	8.839	26.8	ng	3412090	2	8.139	2544900	20.0
Naphthalene, 1,...	9.563	22.4	ng	4522790	3	9.904	4035860	20.0
Octacosane	9.633	31.1	ng	6281340	3	9.904	4035860	20.0
Tridecane, 3-me...	10.563	25.8	ng	5209880	3	9.904	4035860	20.0
Dodecane, 2,6,1...	10.833	195.5	ng	9525320	4	11.386	974364	20.0
Naphthalene, 1,...	10.892	31.9	ng	1551730	4	11.386	974364	20.0
3-Biphenylmethanol	10.992	32.3	ng	1573760	4	11.386	974364	20.0
9H-Fluorene, 1-...	11.027	49.0	ng	2388940	4	11.386	974364	20.0
Tridecane, 2-me...	11.292	113.9	ng	5551020	4	11.386	974364	20.0
Octadecane	11.639	24.7	ng	1202730	4	11.386	974364	20.0
1H-Cyclopropa[l...	11.910	23.4	ng	1141400	4	11.386	974364	20.0
Phenanthrene, 1...	11.992	47.2	ng	2298100	4	11.386	974364	20.0
Phenanthrene, 3...	12.363	32.8	ng	1596030	4	11.386	974364	20.0