LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-052521

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124085.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	10	15	24	rVB	92828	108332	6.35%	0.566%
2	5.099	508	512	520	rVB	60539	59683	3.50%	0.312%
3	5.504	577	581	590	rVB	203658	181506	10.63%	0.948%
4	6.510	749	752	759	rBV	220881	199504	11.69%	1.042%
5	6.893	813	817	821	rVB	389342	326128	19.11%	1.704%
6	7.445	909	911	915	rVV	162460	155047	9.08%	0.810%
7	7.487	915	918	922	rVB	198708	160495	9.40%	0.838%
8	7.540	922	927	930	rVB4	38750	49592	2.91%	0.259%
9	7.816	972	974	978	rVV4	42748	58971	3.45%	0.308%
10	7.857	978	981	984	rVV3	63207	79182	4.64%	0.414%
11	7.892	984	987	989	rVV	84524	76334	4.47%	0.399%
12	7.922	989	992	997	rVV4	122303	175805	10.30%	0.918%
13	7.969	997	1000	1002	rVV	83482	73815	4.32%	0.386%
14	7.992	1002	1004	1006	rVV3	46877	43140	2.53%	0.225%
15	8.045	1010	1013	1017	rBV3	36434	42985	2.52%	0.225%
16	8.128	1022	1027	1028	rBV3	51746	67719	3.97%	0.354%
17	8.157	1028	1032	1034	rBV	876612	732201	42.89%	3.825%
18	8.175	1034	1035	1038	rVB	450574	266934	15.64%	1.394%
19	8.234	1041	1045	1048	rVB2	300314	290304	17.01%	1.517%
20	8.263	1048	1050	1053	rBV2	89119	87647	5.13%	0.458%
21	8.287	1053	1054	1058	rVB2	53412	36687	2.15%	0.192%
22	8.328	1058	1061	1063	rBV4	67320	72686	4.26%	0.380%
23	8.375	1067	1069	1072	rVB3	83913	85557	5.01%	0.447%
24	8.422	1072	1077	1079	rBV5	37165	61341	3.59%	0.320%
25	8.469	1080	1085	1091	rBV4	208684	280708	16.44%	1.466%
26	8.516	1091	1093	1097	rBV4	129173	129814	7.60%	0.678%
27	8.551	1097	1099	1103	rVB2	238130	203294	11.91%	1.062%
28	8.598	1103	1107	1109	rBV	501796	461549	27.04%	2.411%
29	8.616	1109	1110	1112	rVB2	72970	44073	2.58%	0.230%
30	8.639	1112	1114	1116	rVB3	68009	56502	3.31%	0.295%
31	8.681	1118	1121	1124	rBV2	221569	170822	10.01%	0.892%
32	8.722	1124	1128	1130	rBV4	71316	102079	5.98%	0.533%
33	8.769	1132	1136	1139	rBV	1757211	1327506	77.77%	6.935%
34	8.810	1140	1143	1144	rBV3	47454	56536	3.31%	0.295%
35	8.839	1144	1148	1149	rVB3	97029	105842	6.20%	0.553%
36	8.863	1149	1152	1155	rVB2	252105	252933	14.82%	1.321%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-052521

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.892	1155	1157	1161	rBV4	58682	47879	2.80%	0.250%
38	8.928	1161	1163	1165	rBV2	76807	54348	3.18%	0.284%
39	8.963	1165	1169	1170	rBV4	79177	102679	6.02%	0.536%
40	8.998	1170	1175	1178	rBV3	206615	169632	9.94%	0.886%
41	9.051	1181	1184	1185	rBV	153129	127450	7.47%	0.666%
42	9.098	1191	1192	1194	rVB	160494	61087	3.58%	0.319%
43	9.134	1194	1198	1201	rVB2	286810	349702	20.49%	1.827%
44	9.169	1201	1204	1206	rBV	241527	205164	12.02%	1.072%
45	9.198	1206	1209	1215	rVB	694035	607348	35.58%	3.173%
46	9.251	1215	1218	1220	rBV	316132	251889	14.76%	1.316%
47	9.292	1223	1225	1227	rVB2	70724	53230	3.12%	0.278%
48	9.334	1228	1232	1237	rBV	1908857	1706981	100.00%	8.918%
49	9.375	1237	1239	1242	rVV3	145157	190863	11.18%	0.997%
50	9.404	1242	1244	1247	rVV2	215932	187353	10.98%	0.979%
51	9.445	1250	1251	1255	rVB4	80310	64241	3.76%	0.336%
52	9.522	1260	1264	1266	rVB3	112586	121472	7.12%	0.635%
53	9.586	1269	1275	1277	rBV4	226640	316232	18.53%	1.652%
54	9.610	1277	1279	1282	rVV2	226546	199296	11.68%	1.041%
55	9.651	1282	1286	1288	rVV2	601313	686474	40.22%	3.586%
56	9.675	1288	1290	1293	rVB2	282231	260513	15.26%	1.361%
57	9.710	1293	1296	1299	rBV2	262316	199914	11.71%	1.044%
58	9.863	1319	1322	1325	rVB	1443011	1020999	59.81%	5.334%
59	9.910	1326	1330	1331	rBV3	89727	122114	7.15%	0.638%
60	9.934	1331	1334	1338	rVB	525868	446337	26.15%	2.332%
61	10.034	1349	1351	1356	rVB4	72101	71063	4.16%	0.371%
62	10.092	1358	1361	1364	rVV2	110604	174010	10.19%	0.909%
63	10.122	1364	1366	1369	rVV2	118571	150244	8.80%	0.785%
64	10.151	1369	1371	1373	rVV	81261	68668	4.02%	0.359%
65	10.181	1373	1376	1380	rVV3	188298	251801	14.75%	1.315%
66	10.216	1380	1382	1385	rVB	79415	71213	4.17%	0.372%
67	10.251	1385	1388	1391	rBV5	53566	66856	3.92%	0.349%
68	10.304	1395	1397	1400	rVB3	58026	54882	3.22%	0.287%
69	10.363	1401	1407	1409	rBV	725089	610007	35.74%	3.187%
70	10.416	1414	1416	1421	rVB5	59698	85638	5.02%	0.447%
71	10.581	1439	1444	1450	rVV	170092	236456	13.85%	1.235%
72	10.633	1450	1453	1456	rVV4	54575	42934	2.52%	0.224%
73	10.663	1456	1458	1462	rVV2	42237	41334	2.42%	0.216%
74	10.698	1462	1464	1466	rVV2	66510	57822	3.39%	0.302%
75	10.716	1466	1467	1471	rVB	106458	85758	5.02%	0.448%
76	10.833	1484	1487	1497	rVB	367606	410448	24.05%	2.144%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-052521

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.028	1515	1520	1522	rBV6	28959	36467	2.14%	0.191%
78	11.281	1560	1563	1566	rBV	151321	127583	7.47%	0.667%
79	11.316	1566	1569	1575	rVB	58687	66097	3.87%	0.345%
80	11.422	1583	1587	1590	rBV	373526	334777	19.61%	1.749%
81	11.710	1633	1636	1638	rBV	98107	77192	4.52%	0.403%
82	12.116	1702	1705	1708	rBV	95059	72871	4.27%	0.381%
83	12.345	1742	1744	1750	rBV6	21456	38805	2.27%	0.203%
84	12.398	1750	1753	1760	rBV9	32148	57480	3.37%	0.300%
85	12.475	1762	1766	1768	rBV2	41345	40737	2.39%	0.213%
86	12.504	1768	1771	1774	rBV	104925	102212	5.99%	0.534%
87	12.675	1798	1800	1806	rVB7	23434	39046	2.29%	0.204%
88	12.792	1817	1820	1822	rBV4	36517	40673	2.38%	0.212%
89	12.880	1832	1835	1838	rVB	127491	97694	5.72%	0.510%
90	13.004	1853	1856	1858	rBV	241411	195052	11.43%	1.019%
91	13.239	1892	1896	1900	rBV	98863	101684	5.96%	0.531%
92	13.298	1904	1906	1910	rBV5	23311	37665	2.21%	0.197%
93	13.580	1951	1954	1957	rBV	103809	88138	5.16%	0.460%
94	13.910	2007	2010	2012	rBV	96787	75040	4.40%	0.392%
95	14.063	2033	2036	2040	rVB	293595	264820	15.51%	1.383%
96	14.227	2061	2064	2067	rVB	91769	81833	4.79%	0.428%
97	14.533	2113	2116	2119	rVB	94368	87066	5.10%	0.455%
98	14.851	2167	2170	2173	rBV	68158	59520	3.49%	0.311%
99	15.198	2226	2229	2232	rVB	79975	86331	5.06%	0.451%
100	15.563	2287	2291	2294	rBV2	174652	217555	12.75%	1.137%

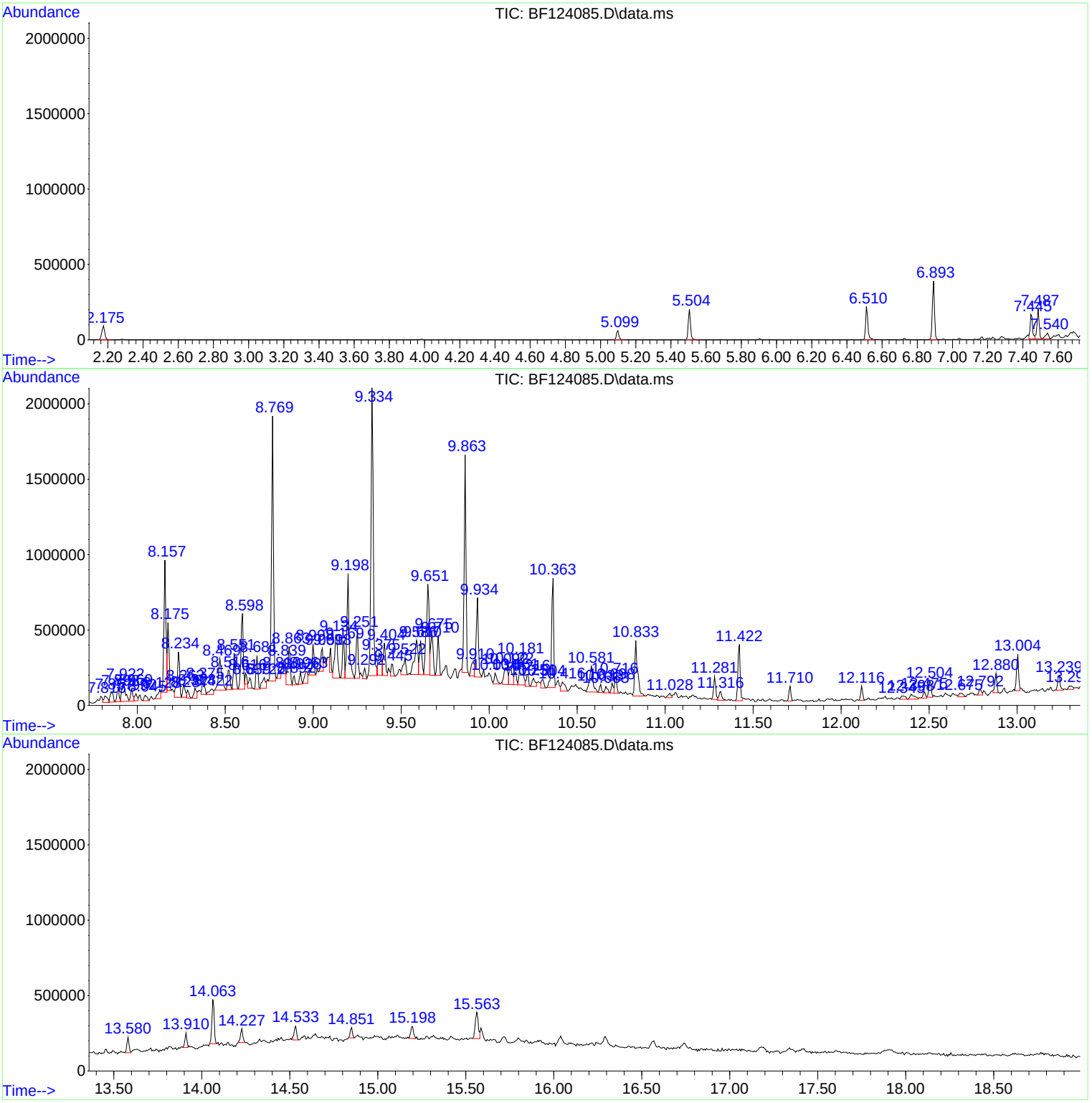
Sum of corrected areas: 19141922

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-052521

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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\BF052621\
Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-052521

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

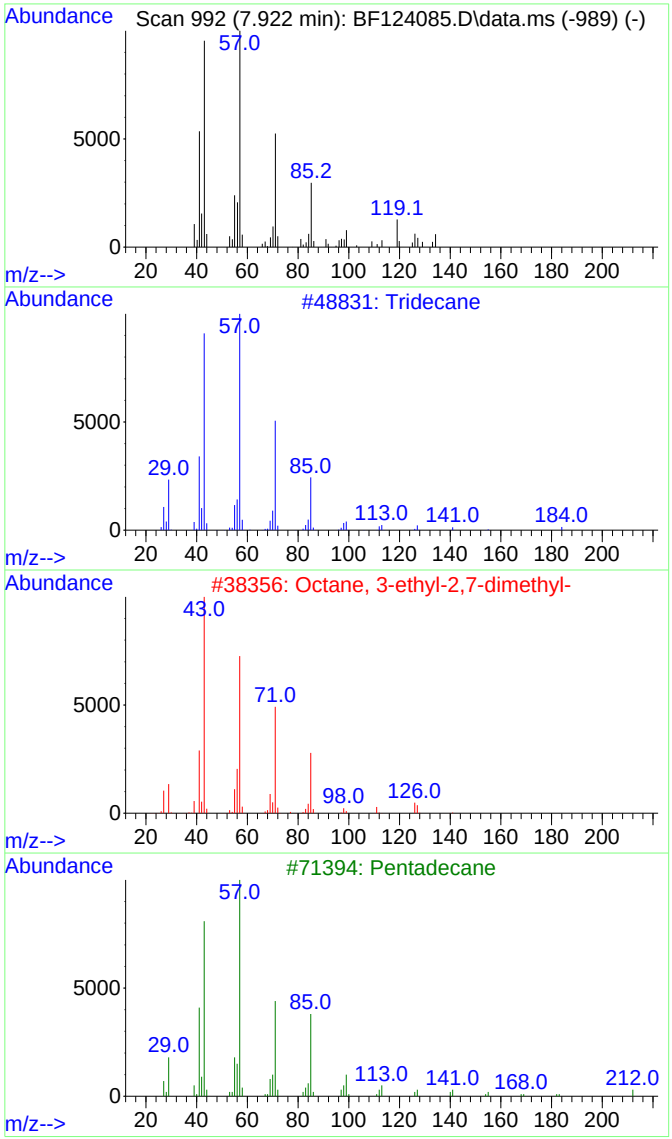
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

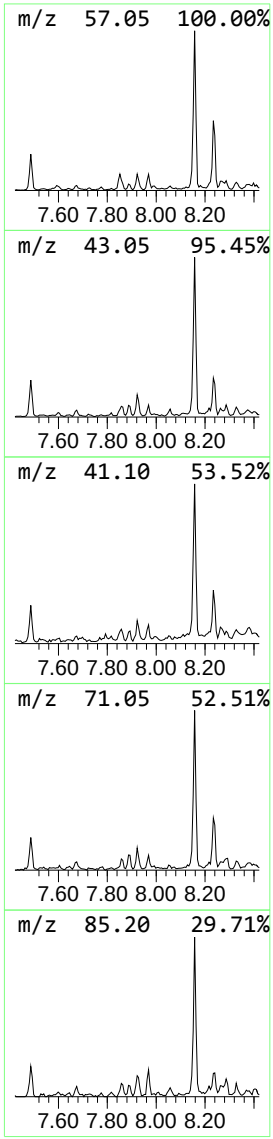
****

Peak Number 1 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.922	13.17 ng	175805	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	80
3	Pentadecane	212	C15H32	000629-62-9	72
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-052521

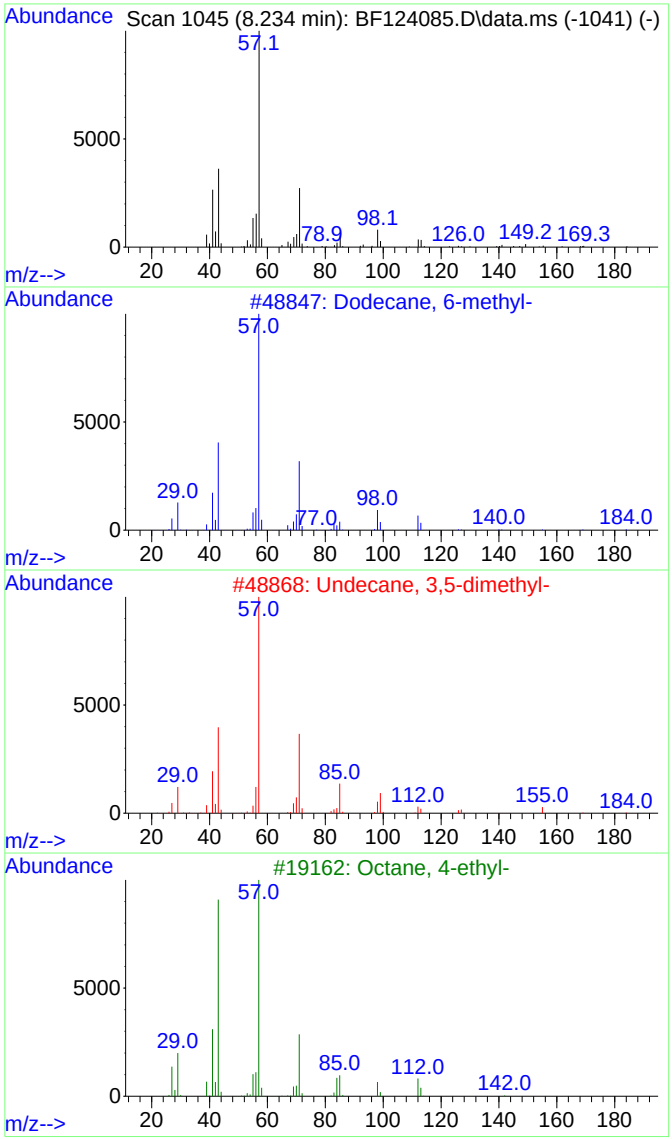
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

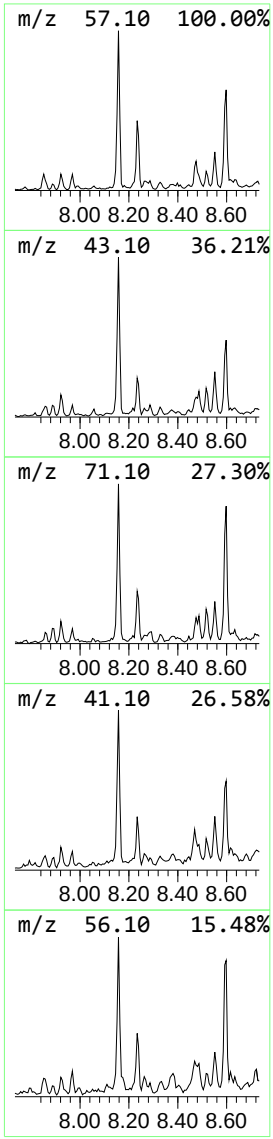
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dodecane, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.234	21.75 ng	290304	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	59
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-052521

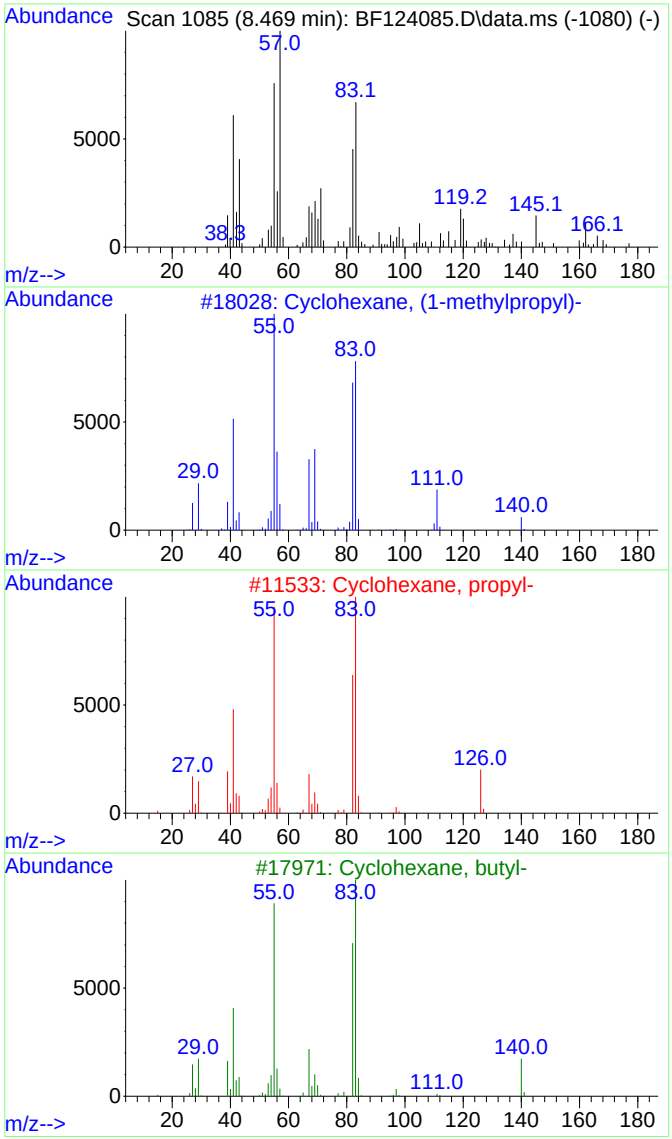
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

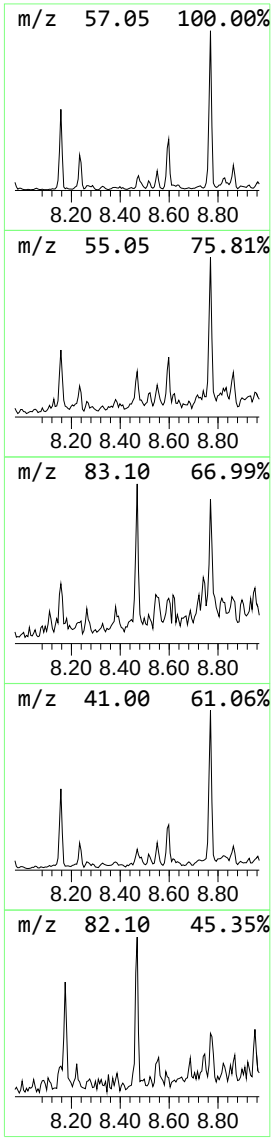
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown8.469 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.469	21.03 ng	280708	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	43
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	35
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	35
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	25
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-052521

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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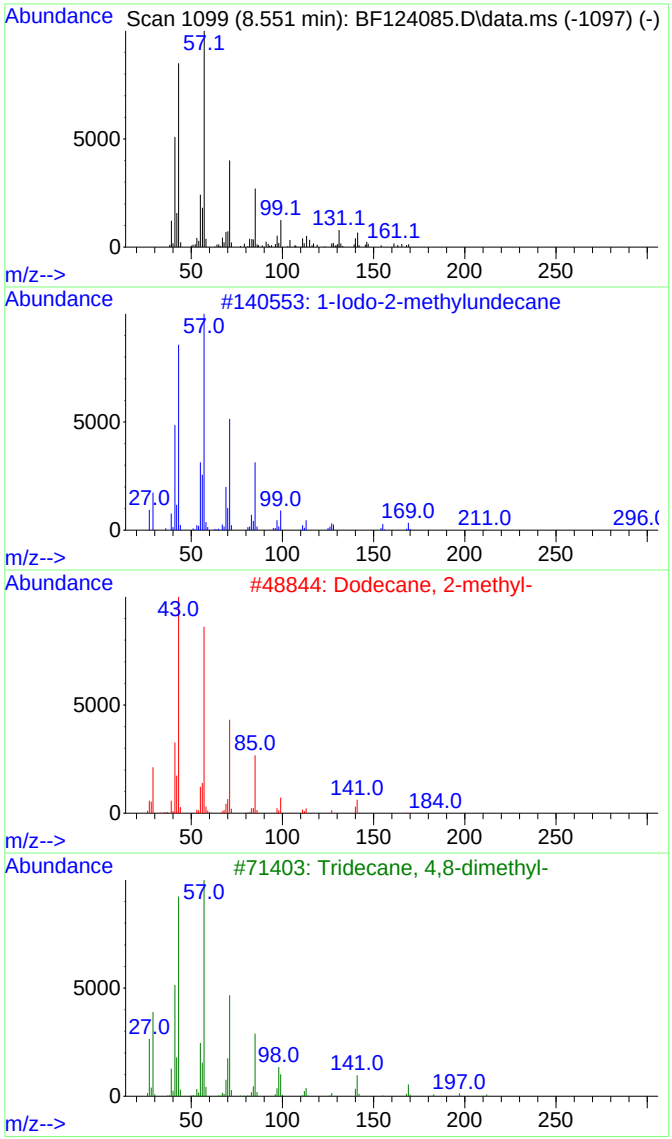
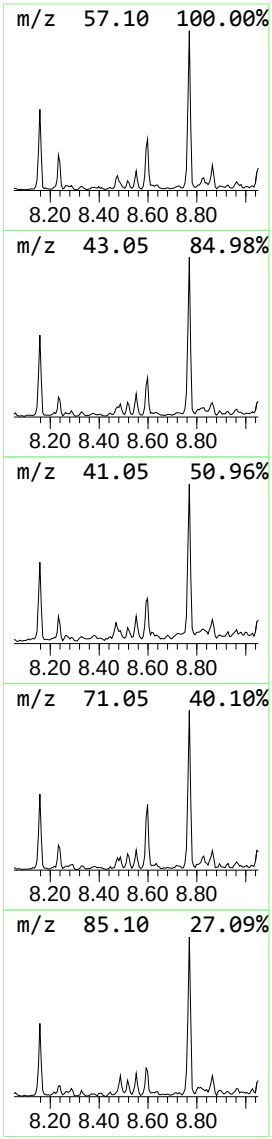
Peak Number 4 1-Iodo-2-methylundecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	15.23 ng	203294	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
3	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	78
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-052521

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

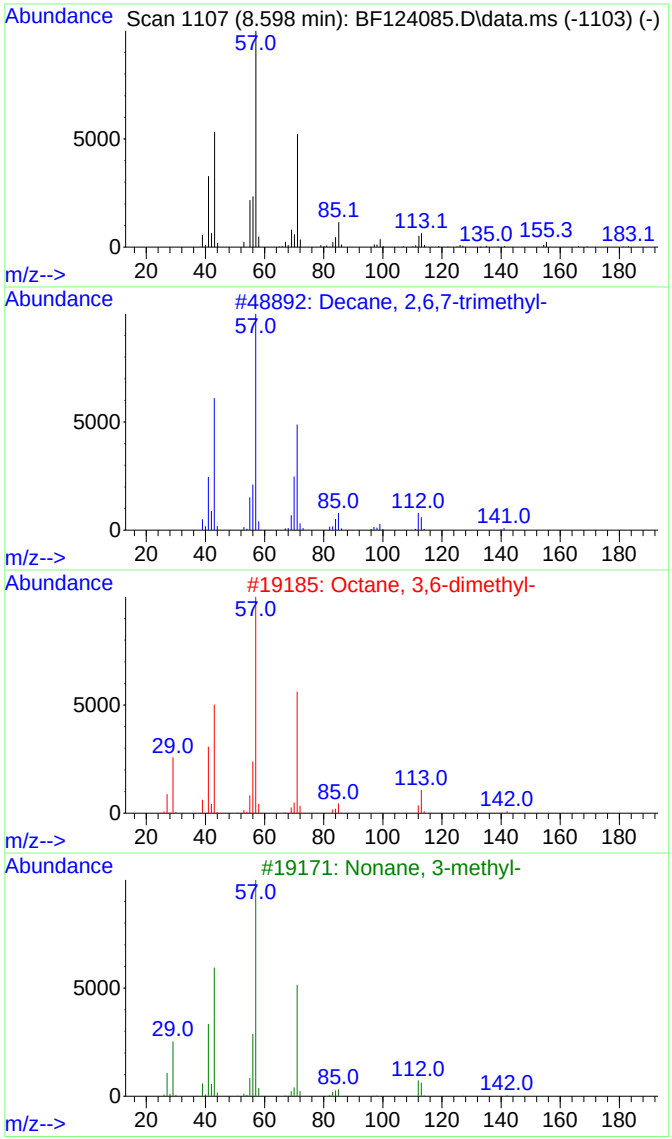
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

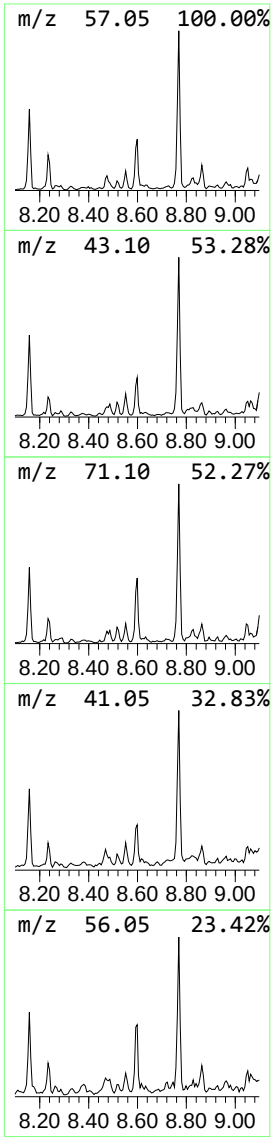
****

Peak Number 5 Decane, 2,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	34.58 ng	461549	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





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Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-052521

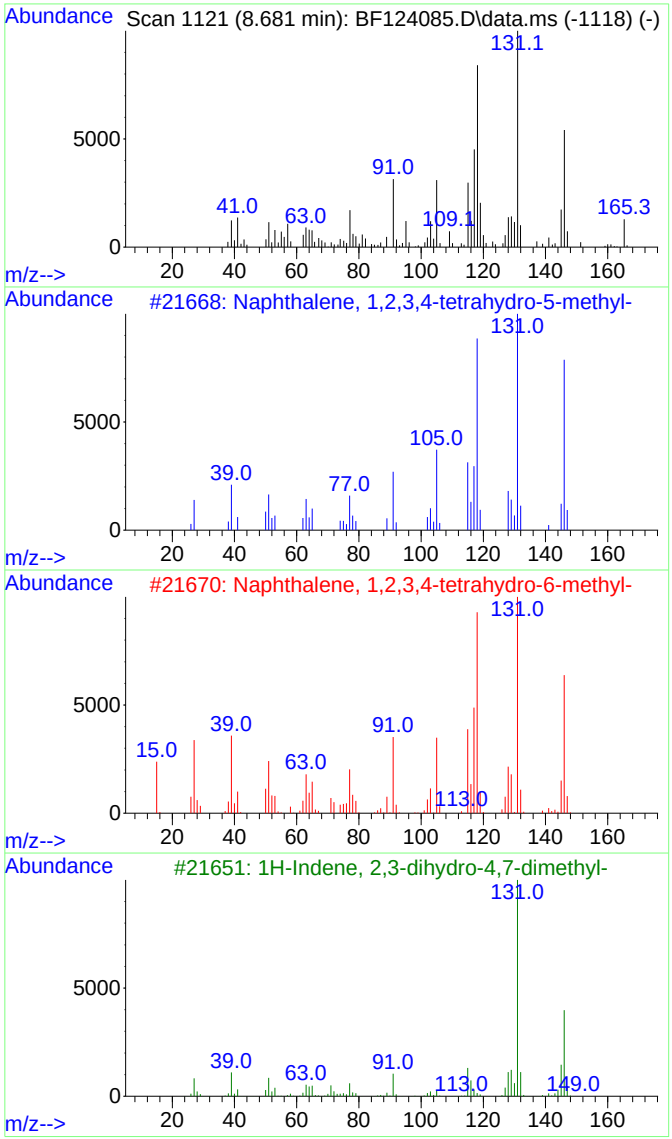
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

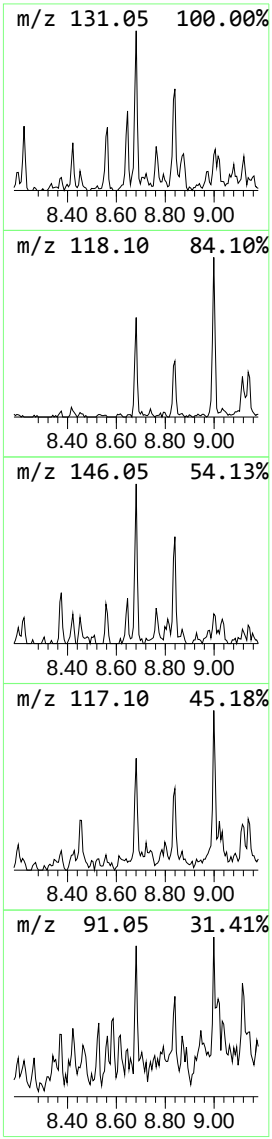
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.681	12.80 ng	170822	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60





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Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-03-052521

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

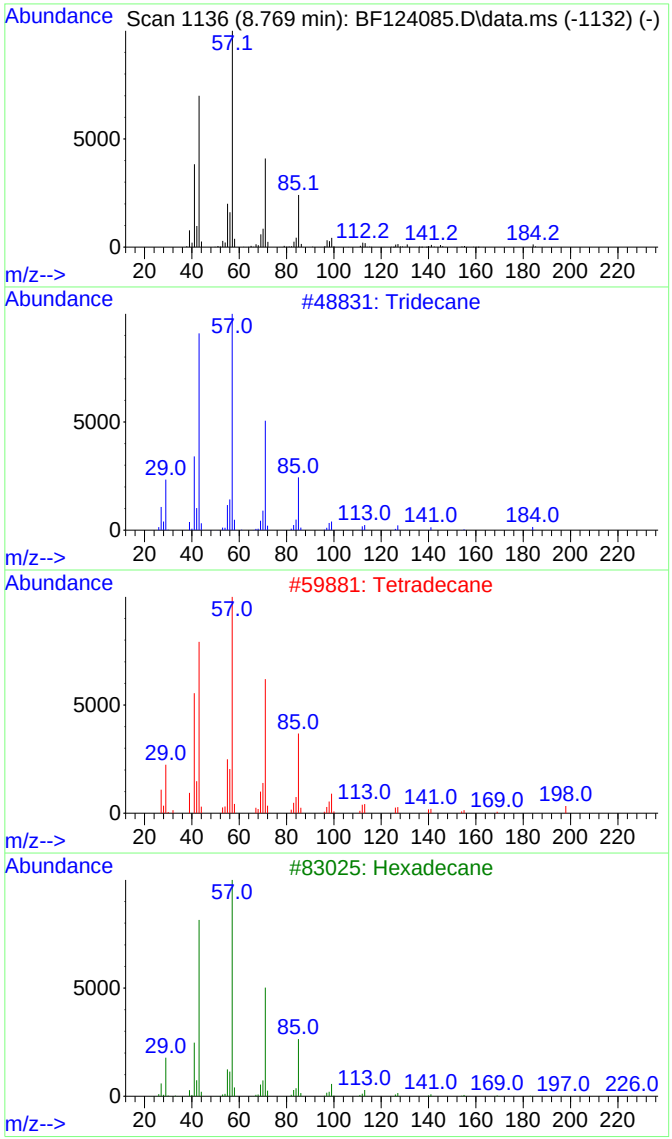
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

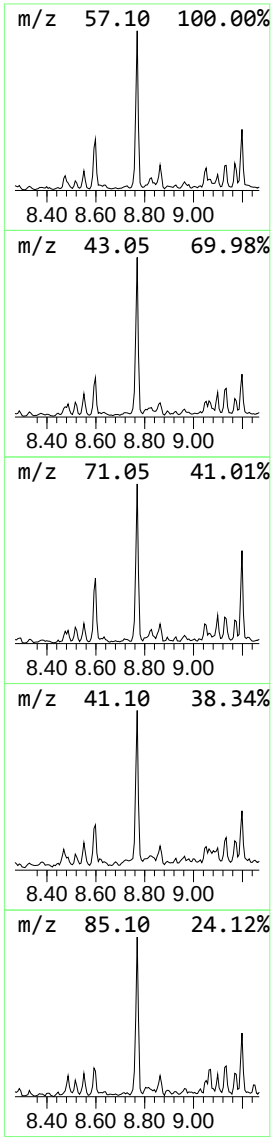
****

Peak Number 7 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.769	99.46 ng	1327510	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Tetradecane	198	C14H30	000629-59-4	80
3	Hexadecane	226	C16H34	000544-76-3	72
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	64





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-052521

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

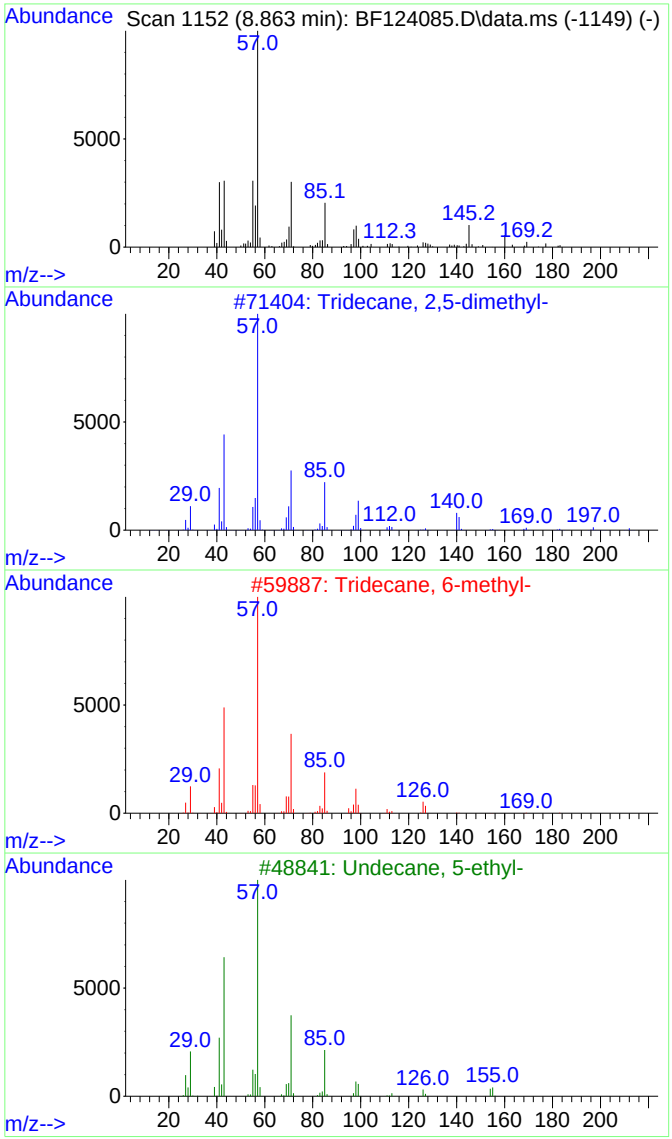
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

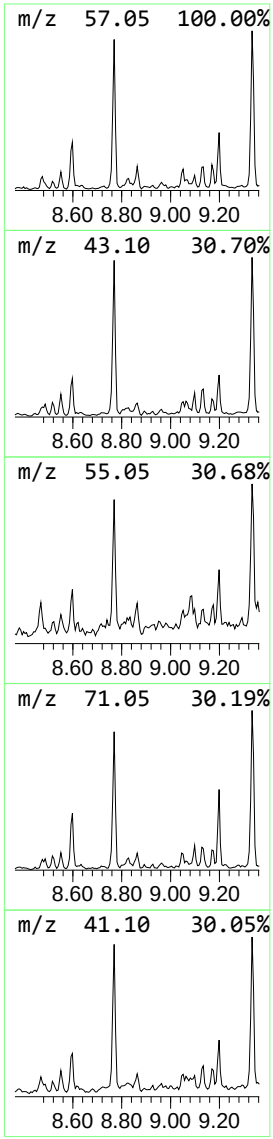
****

Peak Number 8 Tridecane, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.863	18.95 ng	252933	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	64
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
4	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	53
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	50





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Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-052521

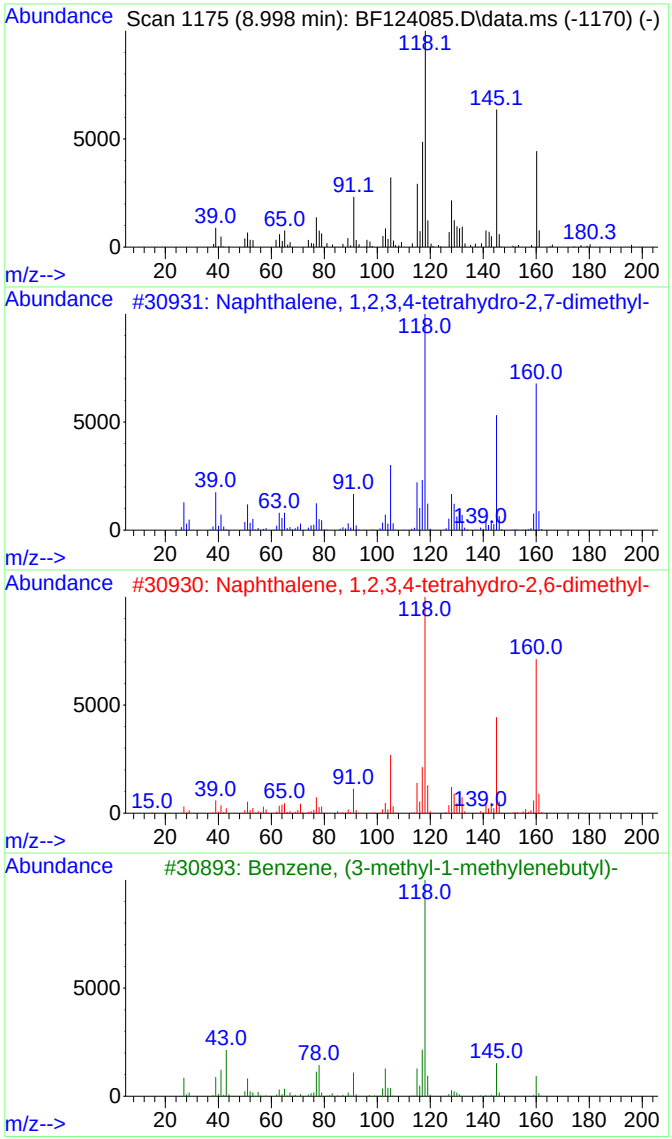
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

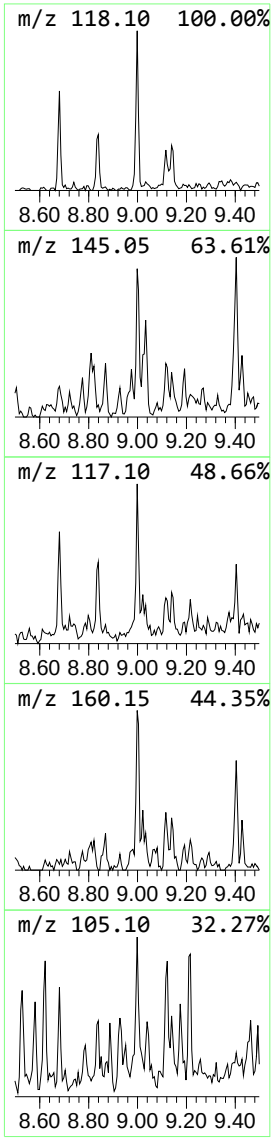
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.998	12.71 ng	169632	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
3	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	49





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Sample : M2521-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : HR-03-052521

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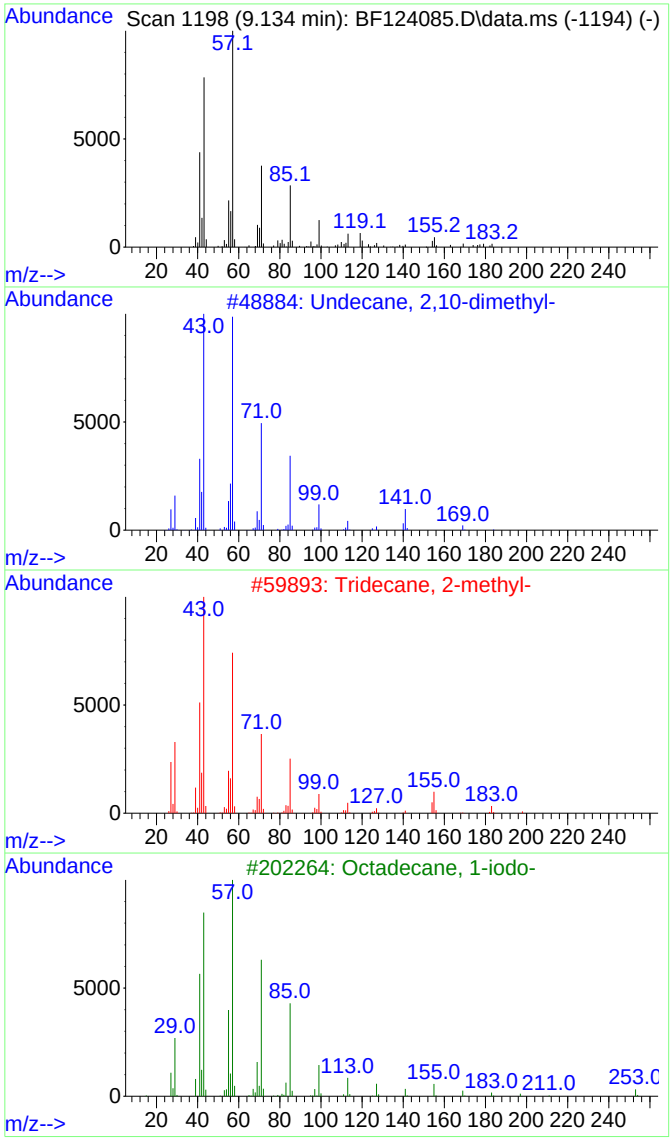
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

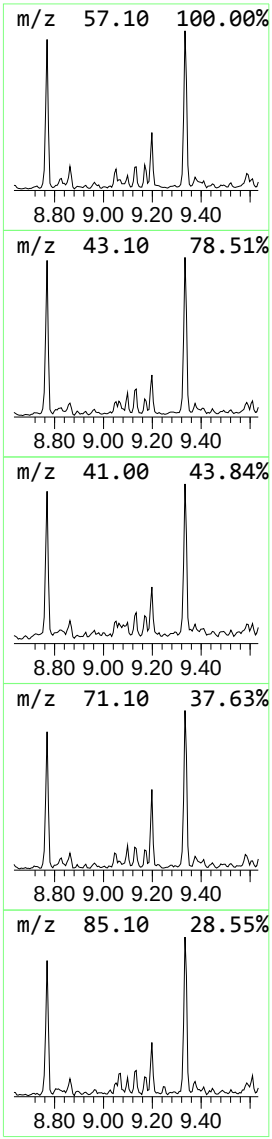
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Undecane, 2,10-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.134	15.67 ng	349702	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	72
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	59





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Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-052521

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

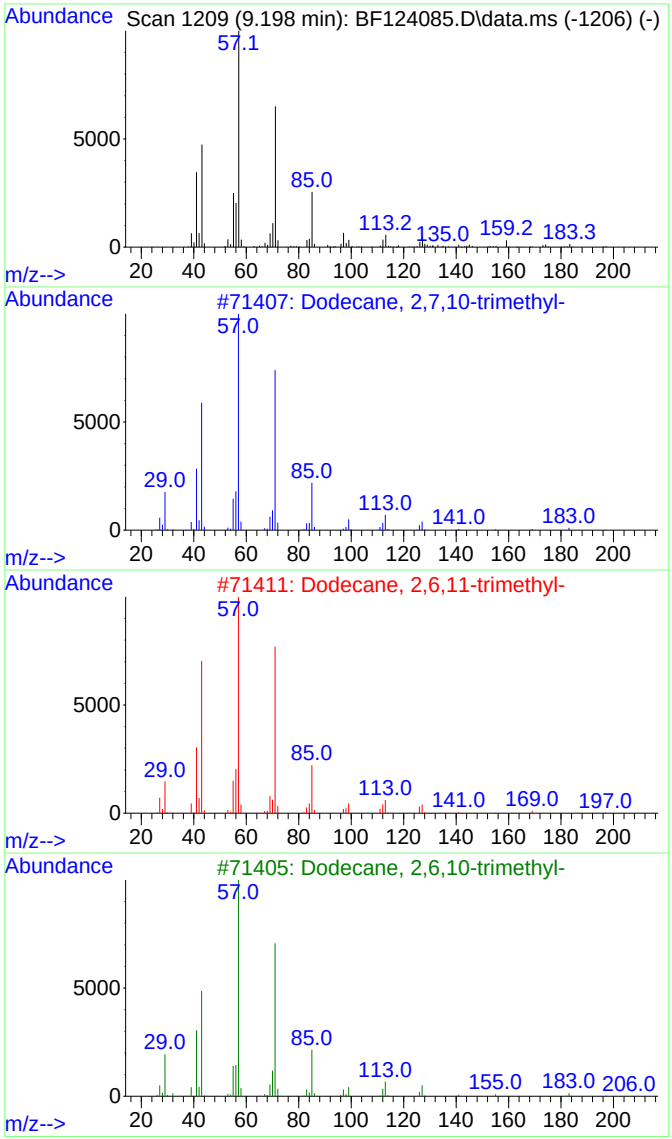
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

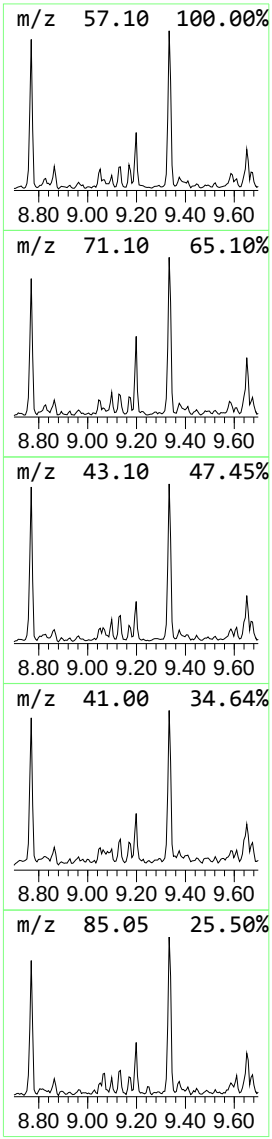
****

Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.198	27.21 ng	607348	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59





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Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-052521

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

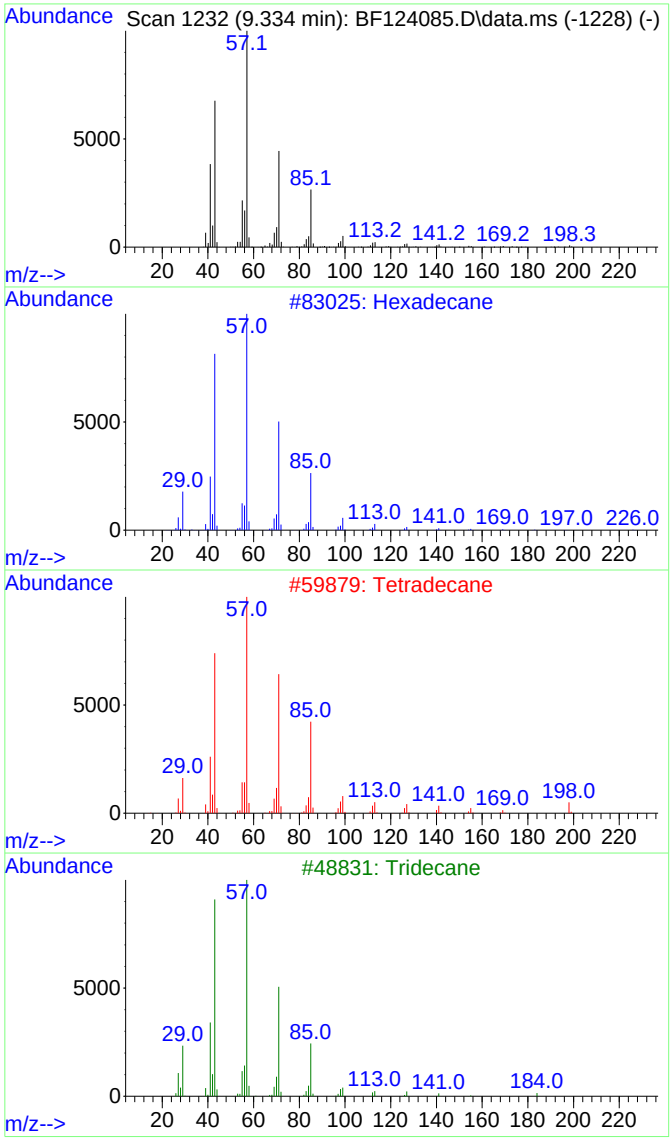
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

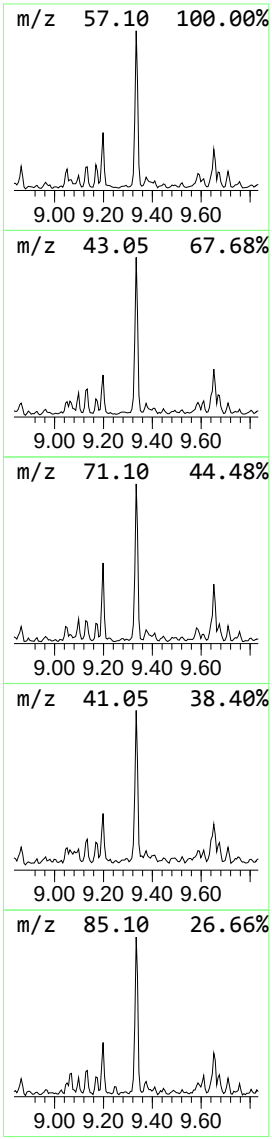
****

Peak Number 12 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.334	76.49 ng	1706980	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
5	Pentadecane	212	C15H32	000629-62-9	72





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Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-03-052521

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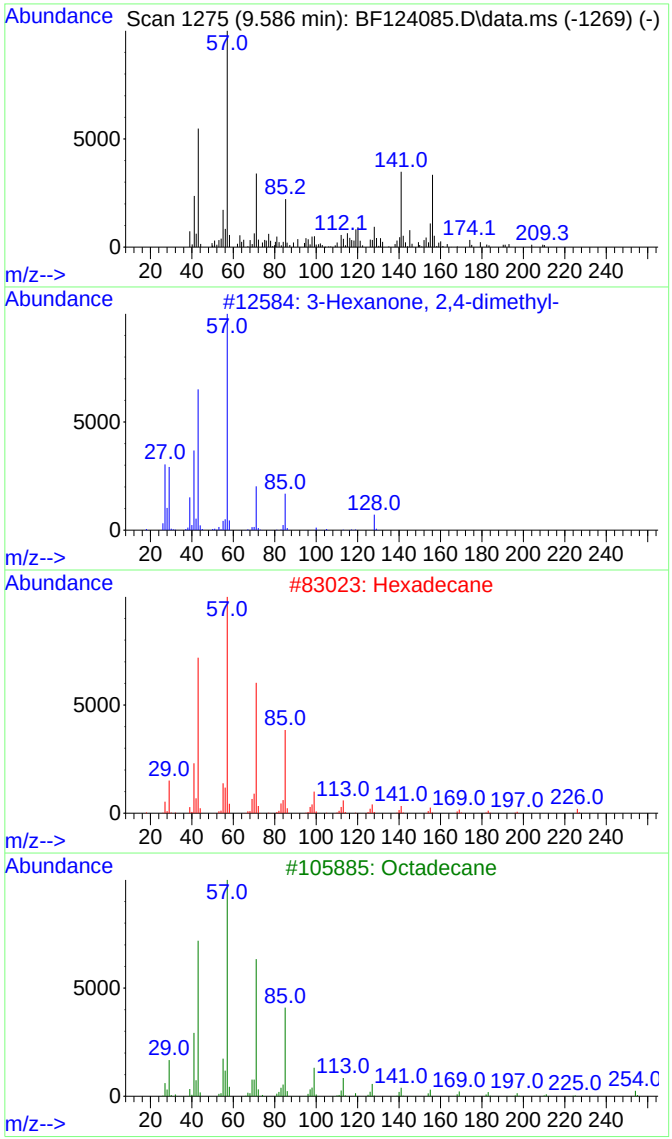
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

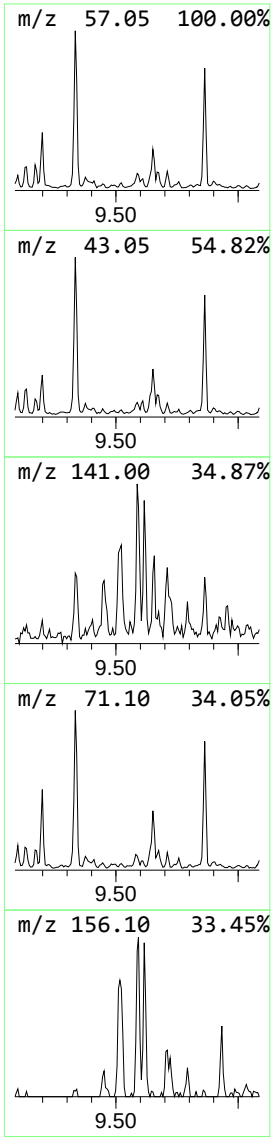
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown8.586 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	14.17 ng	316232	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	43
2	Hexadecane	226	C16H34	000544-76-3	35
3	Octadecane	254	C18H38	000593-45-3	35
4	Decane	142	C10H22	000124-18-5	30
5	Pivalamide, N-allyl-	141	C8H15NO	1000345-72-4	30





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Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-03-052521

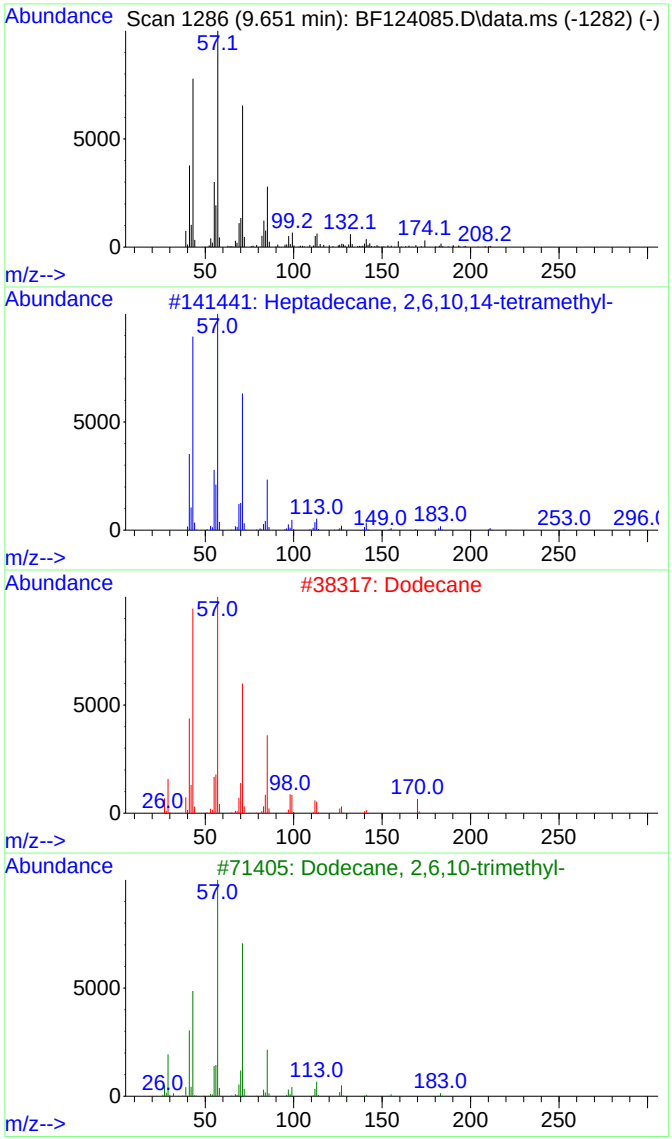
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

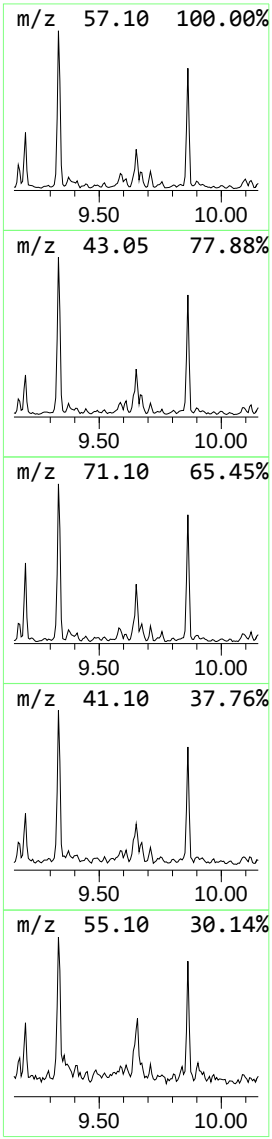
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	30.76 ng	686474	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	91
2	Dodecane	170	C12H26	000112-40-3	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4	Nonadecane	268	C19H40	000629-92-5	80
5	Tetradecane	198	C14H30	000629-59-4	80





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Sample : M2521-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : HR-03-052521

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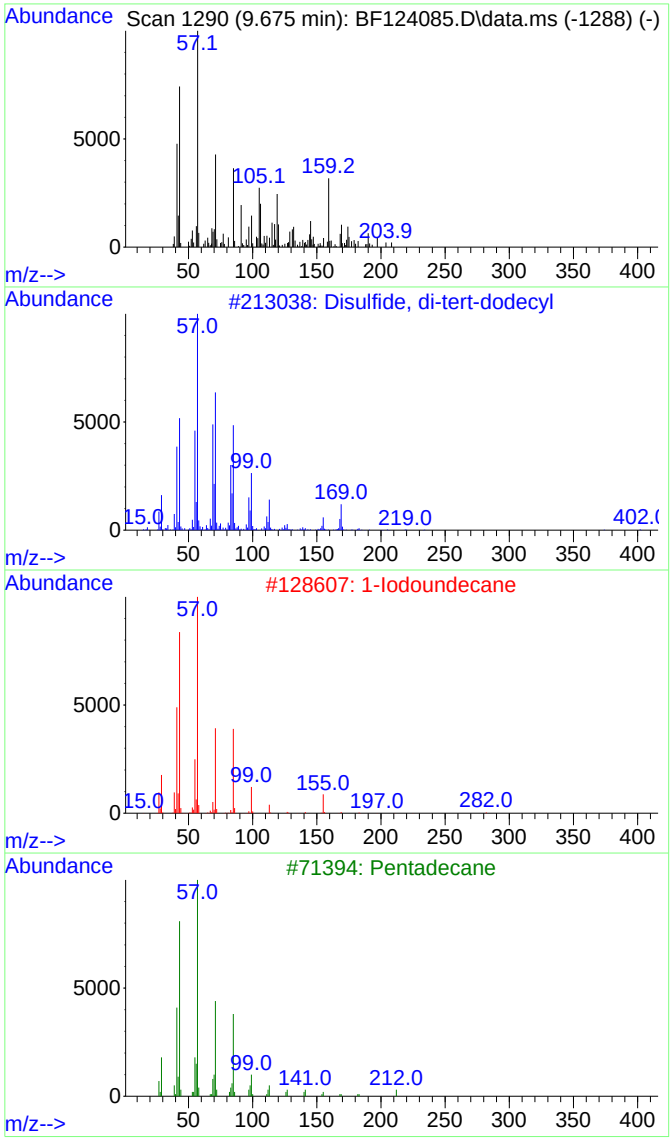
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

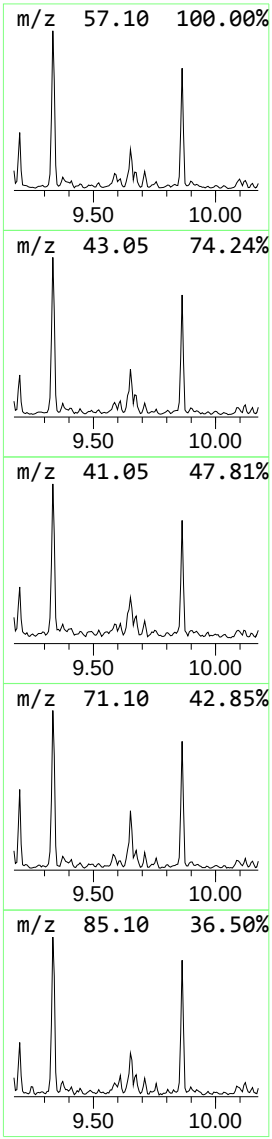
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 unknown9.675 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	11.67 ng	260513	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	27
2	1-Iodoundecane	282	C11H23I	004282-44-4	25
3	Pentadecane	212	C15H32	000629-62-9	22
4	Tetradecane	198	C14H30	000629-59-4	22
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	22





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Sample : M2521-03 5X
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ClientSampleId : HR-03-052521

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

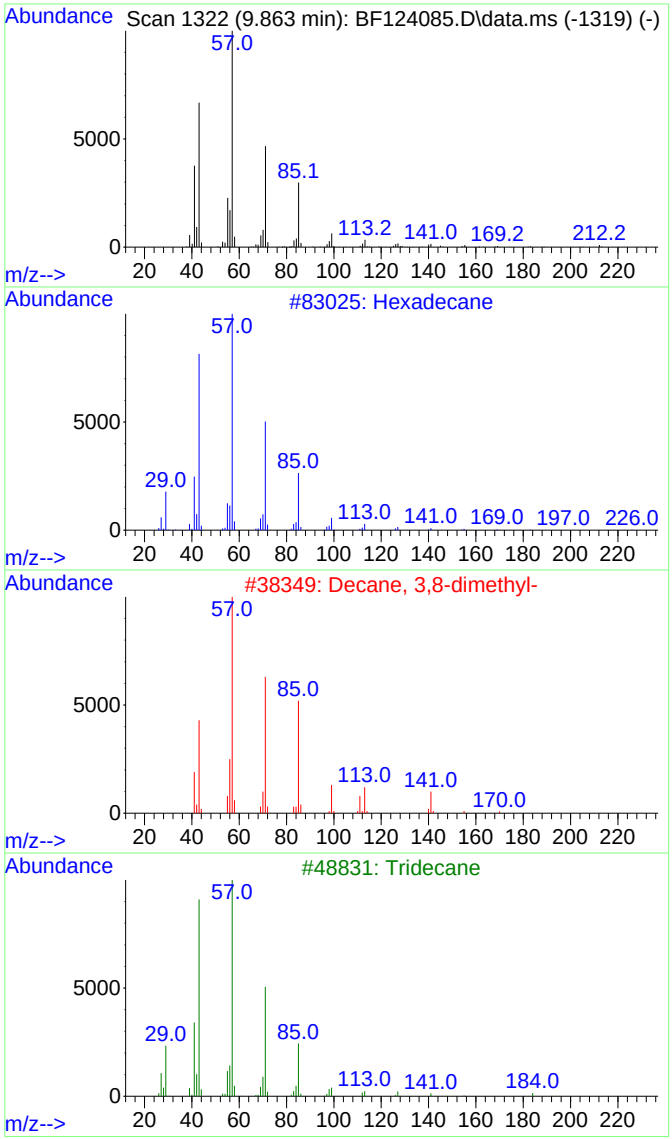
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

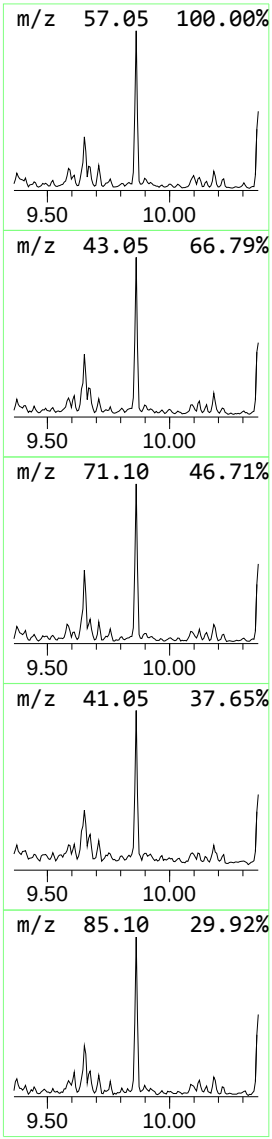
****

Peak Number 16 Decane, 3,8-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	45.75 ng	1021000	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
3	Tridecane	184	C13H28	000629-50-5	80
4	Octacosane	394	C28H58	000630-02-4	72
5	Tetradecane	198	C14H30	000629-59-4	72





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Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-052521

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

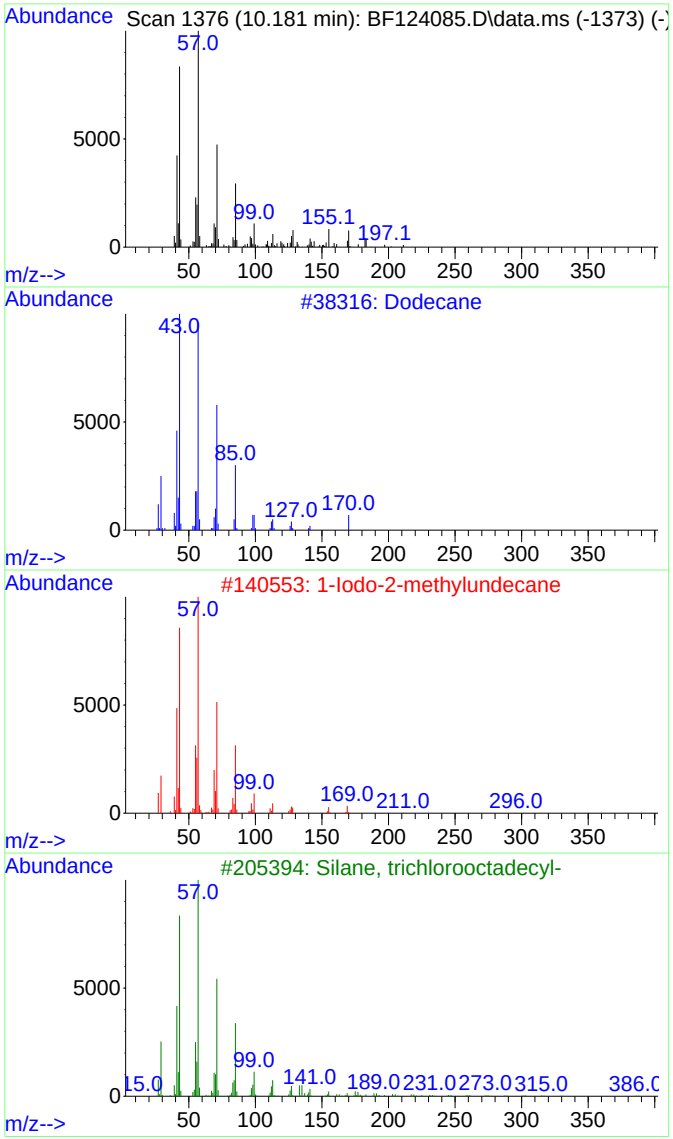
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

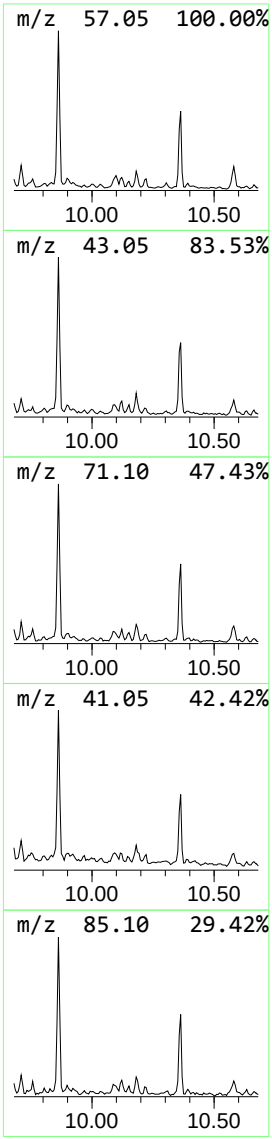
****

Peak Number 17 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	11.28 ng	251801	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72
5	Heneicosane	296	C21H44	000629-94-7	72





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Data File : BF124085.D
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Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-052521

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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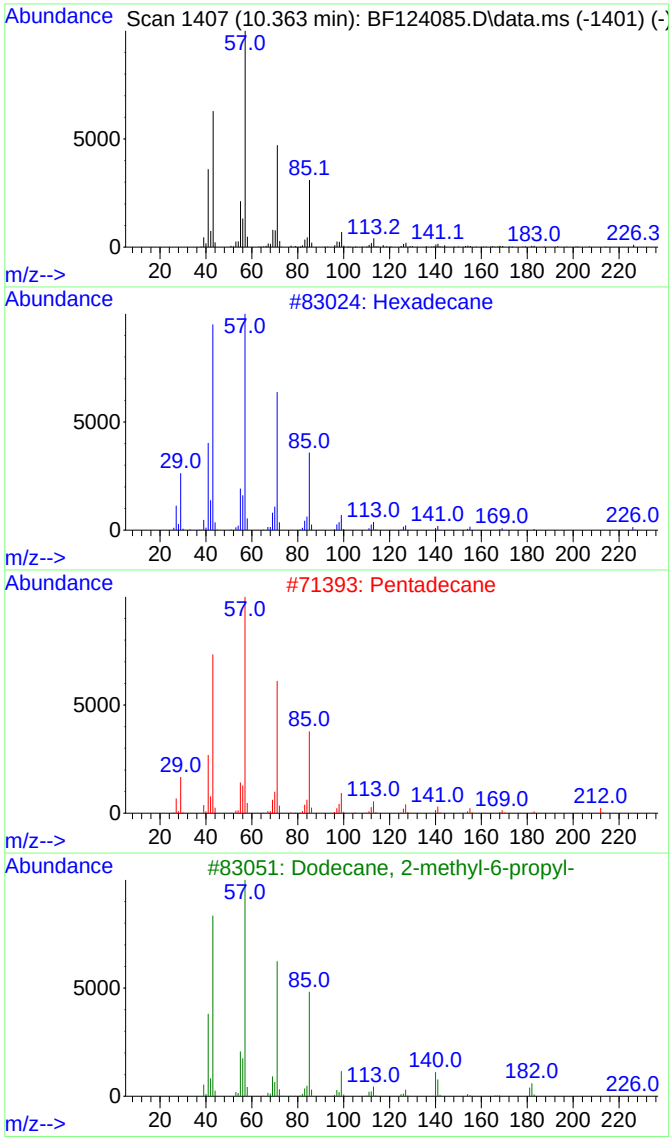
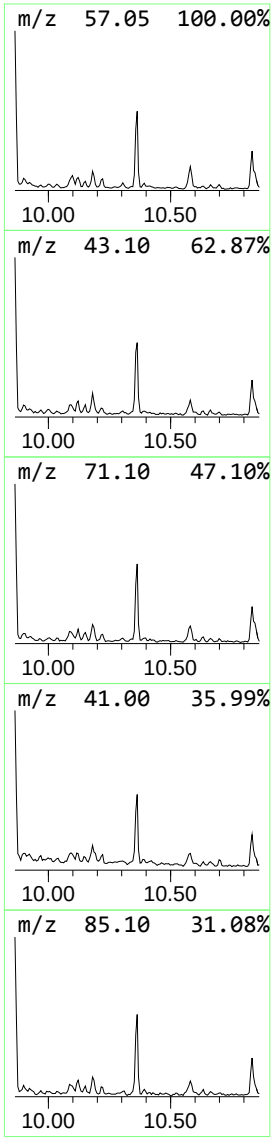
Peak Number 18 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	27.33 ng	610007	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Pentadecane	212	C15H32	000629-62-9	83
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





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Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-052521

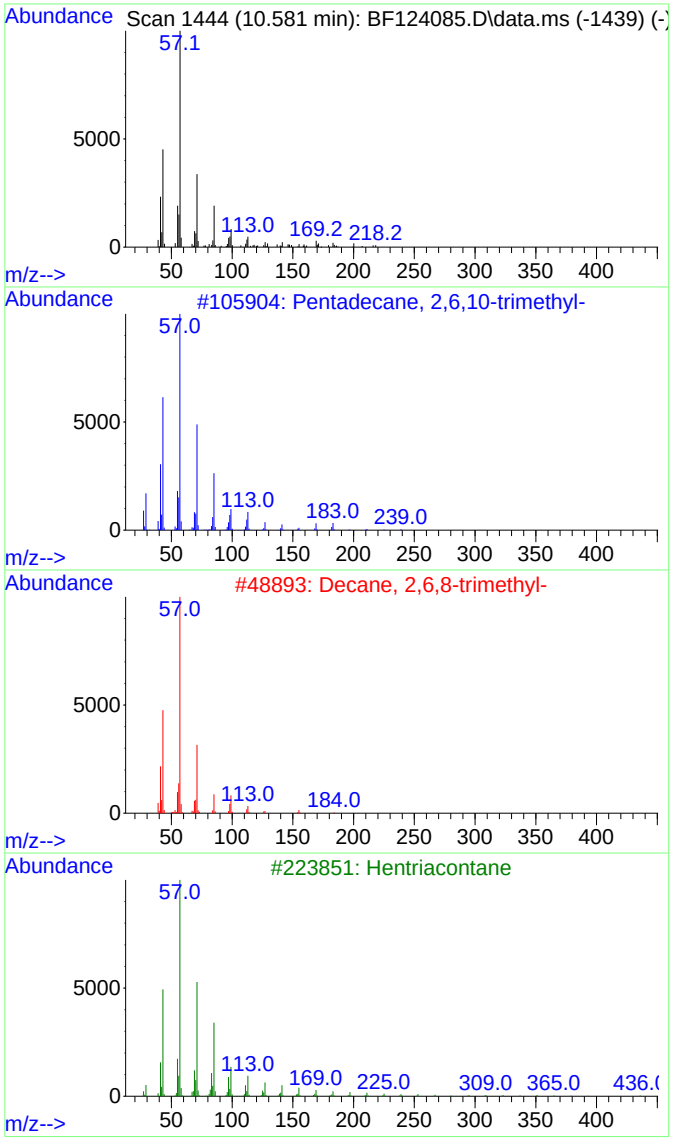
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

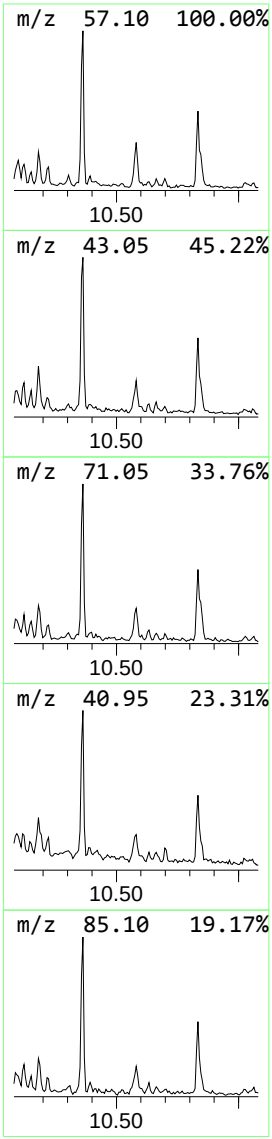
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.581	10.60 ng	236456	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
3	Hentriacontane	437	C31H64	000630-04-6	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-052521

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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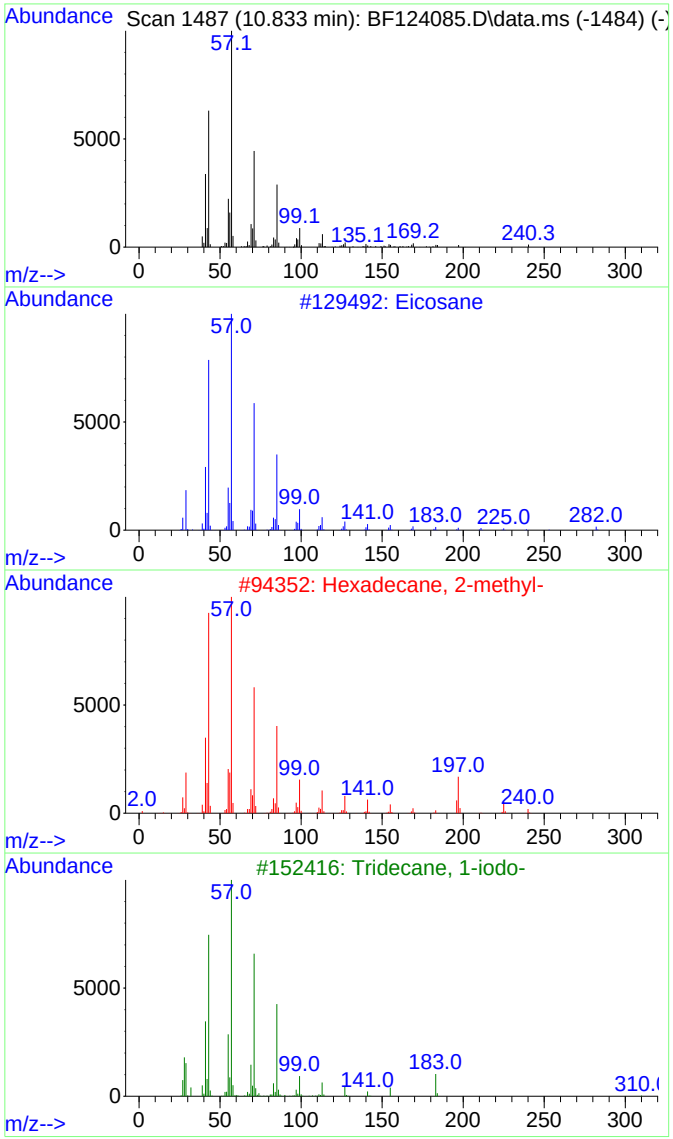
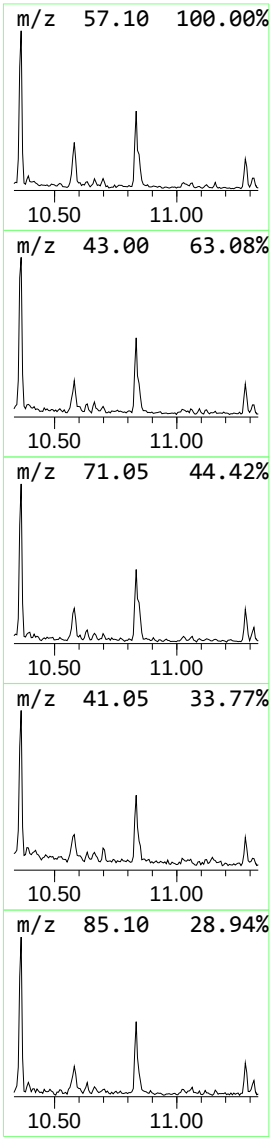
Peak Number 20 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.834	24.52 ng	410448	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
5	Hexadecane	226	C16H34	000544-76-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124085.D
Acq On : 27 May 2021 2:38
Operator : JU/CG
Sample : M2521-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-052521

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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
Tridecane	7.922	13.2	ng	175805	2	8.175	266934	20.0
Dodecane, 6-met...	8.234	21.8	ng	290304	2	8.175	266934	20.0
unknown8.469	8.469	21.0	ng	280708	2	8.175	266934	20.0
1-Iodo-2-methyl...	8.551	15.2	ng	203294	2	8.175	266934	20.0
Decane, 2,6,7-t...	8.598	34.6	ng	461549	2	8.175	266934	20.0
Naphthalene, 1,...	8.681	12.8	ng	170822	2	8.175	266934	20.0
Tetradecane	8.769	99.5	ng	1327510	2	8.175	266934	20.0
Tridecane, 2,5-...	8.863	18.9	ng	252933	2	8.175	266934	20.0
Naphthalene, 1,...	8.998	12.7	ng	169632	2	8.175	266934	20.0
Undecane, 2,10-...	9.134	15.7	ng	349702	3	9.934	446337	20.0
Dodecane, 2,7,1...	9.198	27.2	ng	607348	3	9.934	446337	20.0
Hexadecane	9.334	76.5	ng	1706980	3	9.934	446337	20.0
unknown8.586	9.586	14.2	ng	316232	3	9.934	446337	20.0
Heptadecane, 2,...	9.651	30.8	ng	686474	3	9.934	446337	20.0
unknown9.675	9.675	11.7	ng	260513	3	9.934	446337	20.0
Decane, 3,8-dim...	9.863	45.8	ng	1021000	3	9.934	446337	20.0
Dodecane	10.181	11.3	ng	251801	3	9.934	446337	20.0
Pentadecane	10.363	27.3	ng	610007	3	9.934	446337	20.0
Pentadecane, 2,...	10.581	10.6	ng	236456	3	9.934	446337	20.0
Eicosane	10.834	24.5	ng	410448	4	11.422	334777	20.0