LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSP-SS-07-00-20

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130909.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	18	25	31	rVB	930282	1204348	72.59%	2.742%
2	4.293	366	375	379	rBV2	126912	181656	10.95%	0.414%
3	4.616	420	430	436	rVB2	157209	210831	12.71%	0.480%
4	5.081	502	509	511	rBV3	157810	245789	14.82%	0.560%
5	5.110	511	514	518	rVB	222104	228604	13.78%	0.520%
6	5.163	518	523	527	rBV	831147	885220	53.36%	2.015%
7	5.351	550	555	559	rBV2	241149	366082	22.07%	0.833%
8	5.434	564	569	571	rBV2	119757	142134	8.57%	0.324%
9	5.551	583	589	592	rVB	1714030	1659018	100.00%	3.777%
10	5.634	600	603	606	rBV	173132	163135	9.83%	0.371%
11	5.704	612	615	617	rBV2	303888	311068	18.75%	0.708%
12	5.722	617	618	621	rVB	232481	175205	10.56%	0.399%
13	5.751	621	623	626	rVB	228007	205940	12.41%	0.469%
14	5.798	626	631	633	rBV3	159092	234625	14.14%	0.534%
15	5.963	650	659	662	rBV3	339145	542759	32.72%	1.236%
16	5.998	662	665	670	rBV3	188004	313473	18.90%	0.714%
17	6.098	680	682	685	rVB2	358127	296812	17.89%	0.676%
18	6.134	685	688	691	rBV2	115636	149679	9.02%	0.341%
19	6.187	691	697	702	rBV4	480431	934104	56.30%	2.126%
20	6.234	702	705	708	rVB	390445	350548	21.13%	0.798%
21	6.263	708	710	714	rBV4	110291	171070	10.31%	0.389%
22	6.298	714	716	718	rVB	176182	131167	7.91%	0.299%
23	6.369	723	728	731	rBV3	306239	490801	29.58%	1.117%
24	6.428	736	738	741	rVB	240238	186578	11.25%	0.425%
25	6.469	741	745	750	rBV3	1094273	1381279	83.26%	3.144%
26	6.516	750	753	755	rBV2	182512	176201	10.62%	0.401%
27	6.551	755	759	763	rVB	1599213	1537607	92.68%	3.500%
28	6.610	766	769	771	rBV2	318788	282634	17.04%	0.643%
29	6.681	775	781	784	rBV3	334236	563535	33.97%	1.283%
30	6.710	784	786	792	rVB4	370369	462595	27.88%	1.053%
31	6.763	792	795	798	rBV4	525451	591491	35.65%	1.346%
32	6.793	798	800	803	rVB	241145	185758	11.20%	0.423%
33	6.840	806	808	811	rBV2	113593	149831	9.03%	0.341%
34	6.892	814	817	819	rBV4	293753	330345	19.91%	0.752%
35	6.934	821	824	828	rVB2	859468	924734	55.74%	2.105%
36	6.992	828	834	836	rBV2	400454	451592	27.22%	1.028%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.022	836	839	841	rBV3	123755	150612	9.08%	0.343%
38	7.040	841	842	845	rVB2	187561	145150	8.75%	0.330%
39	7.075	845	848	852	rVB3	462958	438188	26.41%	0.997%
40	7.110	852	854	856	rVB2	184187	135761	8.18%	0.309%
41	7.157	860	862	864	rBV	261871	225238	13.58%	0.513%
42	7.204	864	870	873	rVB3	1023591	1015714	61.22%	2.312%
43	7.234	873	875	876	rBV	232408	170776	10.29%	0.389%
44	7.269	876	881	885	rVB2	242158	398714	24.03%	0.908%
45	7.316	885	889	890	rBV3	342055	416902	25.13%	0.949%
46	7.328	890	891	894	rVB2	318025	235746	14.21%	0.537%
47	7.357	894	896	901	rVB3	322124	364962	22.00%	0.831%
48	7.404	901	904	908	rBV5	177963	267506	16.12%	0.609%
49	7.469	908	915	917	rBV3	585808	948363	57.16%	2.159%
50	7.498	917	920	923	rBV2	1047432	1055453	63.62%	2.403%
51	7.522	923	924	929	rVB	825632	746095	44.97%	1.698%
52	7.581	929	934	936	rBV5	620809	880990	53.10%	2.005%
53	7.628	936	942	946	rBV6	389218	784855	47.31%	1.787%
54	7.681	948	951	953	rVB3	140917	136370	8.22%	0.310%
55	7.704	953	955	957	rBV2	292216	304415	18.35%	0.693%
56	7.816	967	974	975	rBV6	351871	584803	35.25%	1.331%
57	7.834	975	977	979	rVV2	345052	305817	18.43%	0.696%
58	7.857	979	981	985	rVV3	572610	760371	45.83%	1.731%
59	7.898	985	988	990	rVB2	331094	378731	22.83%	0.862%
60	7.928	990	993	995	rBV3	368306	331170	19.96%	0.754%
61	7.957	995	998	1001	rVV2	617809	651423	39.27%	1.483%
62	8.004	1004	1006	1008	rBV	359020	252882	15.24%	0.576%
63	8.034	1008	1011	1014	rBV5	246843	265081	15.98%	0.603%
64	8.087	1017	1020	1023	rVB2	307104	310067	18.69%	0.706%
65	8.122	1023	1026	1027	rBV2	194530	191302	11.53%	0.435%
66	8.169	1032	1034	1036	rVV2	279976	297073	17.91%	0.676%
67	8.192	1036	1038	1041	rVV	1009809	1109378	66.87%	2.525%
68	8.222	1041	1043	1045	rVV	902259	785815	47.37%	1.789%
69	8.245	1045	1047	1049	rVV2	379843	374049	22.55%	0.851%
70	8.275	1049	1052	1054	rVB2	823265	785525	47.35%	1.788%
71	8.304	1054	1057	1060	rBV3	477567	502493	30.29%	1.144%
72	8.369	1065	1068	1070	rBV3	173835	217360	13.10%	0.495%
73	8.398	1070	1073	1074	rVV3	157247	154518	9.31%	0.352%
74	8.422	1074	1077	1080	rVB	411899	318764	19.21%	0.726%
75	8.510	1088	1092	1096	rVB5	539398	733596	44.22%	1.670%
76	8.557	1097	1100	1103	rBV3	238162	241923	14.58%	0.551%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	8.592	1103	1106	1110	rVB5	294433	337856	20.36%	0.769%
78	8.634	1110	1113	1115	rBV	524956	397362	23.95%	0.905%
79	8.657	1115	1117	1120	rBV2	231918	208392	12.56%	0.474%
80	8.722	1126	1128	1131	rBV2	196333	185965	11.21%	0.423%
81	8.757	1131	1134	1137	rVV4	266697	288157	17.37%	0.656%
82	8.804	1139	1142	1146	rVB	642366	486268	29.31%	1.107%
83	8.892	1155	1157	1162	rVB5	156936	239013	14.41%	0.544%
84	8.934	1162	1164	1167	rVB	255933	187582	11.31%	0.427%
85	9.034	1179	1181	1184	rVB	167244	148579	8.96%	0.338%
86	9.086	1188	1190	1192	rBV2	121413	132132	7.96%	0.301%
87	9.298	1222	1226	1229	rBV	1904349	1486787	89.62%	3.385%
88	9.369	1235	1238	1242	rBV2	231924	232959	14.04%	0.530%
89	9.981	1337	1342	1345	rBV	701802	557989	33.63%	1.270%
90	10.769	1473	1476	1479	rBV	803974	640281	38.59%	1.458%
91	11.475	1592	1596	1599	rBV	613746	504689	30.42%	1.149%
92	12.927	1841	1843	1848	rVV3	109096	125709	7.58%	0.286%
93	13.063	1862	1866	1869	rBV	1512095	1240541	74.78%	2.824%
94	13.286	1901	1904	1907	rBV	129084	130864	7.89%	0.298%
95	13.633	1960	1963	1965	rBV	164922	139061	8.38%	0.317%
96	13.963	2016	2019	2021	rBV	168699	142098	8.57%	0.323%
97	14.121	2043	2046	2049	rBV	443535	387738	23.37%	0.883%
98	14.280	2070	2073	2076	rBV	208614	191561	11.55%	0.436%
99	14.586	2123	2125	2130	rVB	162918	147859	8.91%	0.337%
100	15.651	2303	2306	2308	rBV	169490	197591	11.91%	0.450%

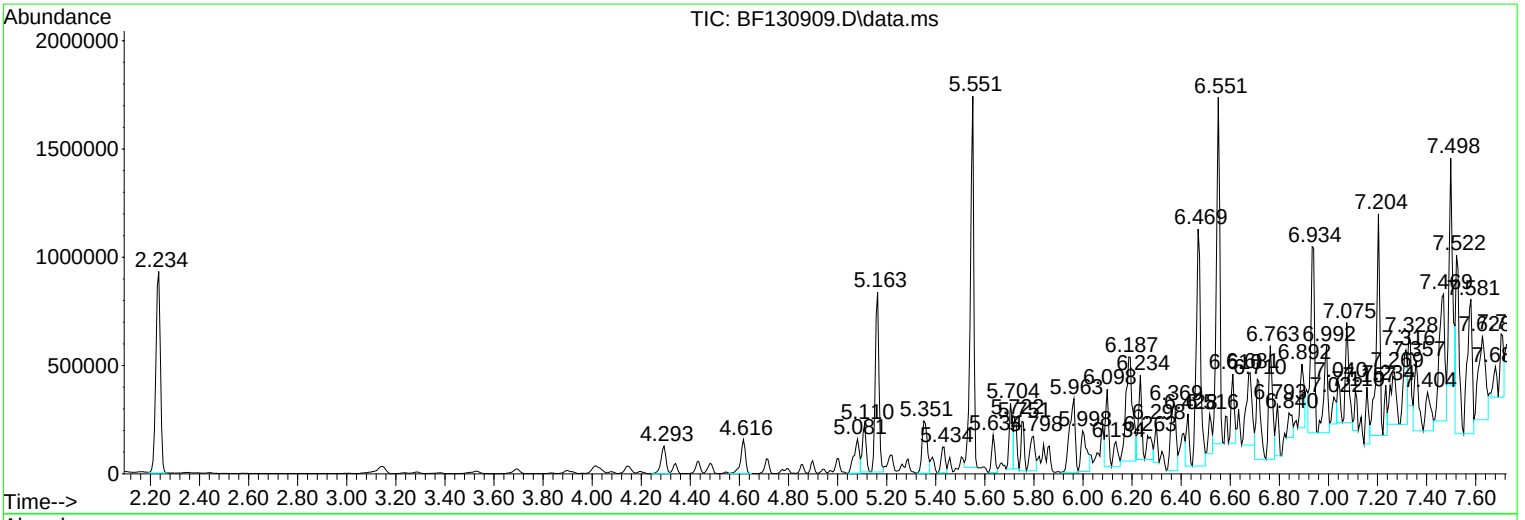
Sum of corrected areas: 43929232

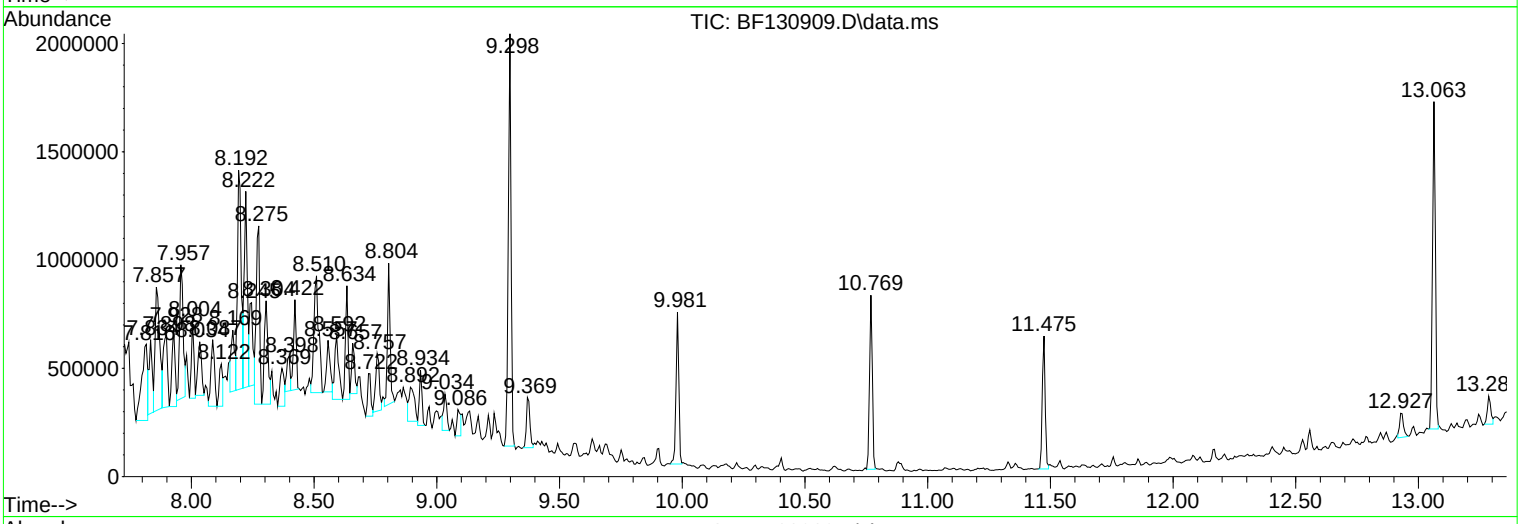
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

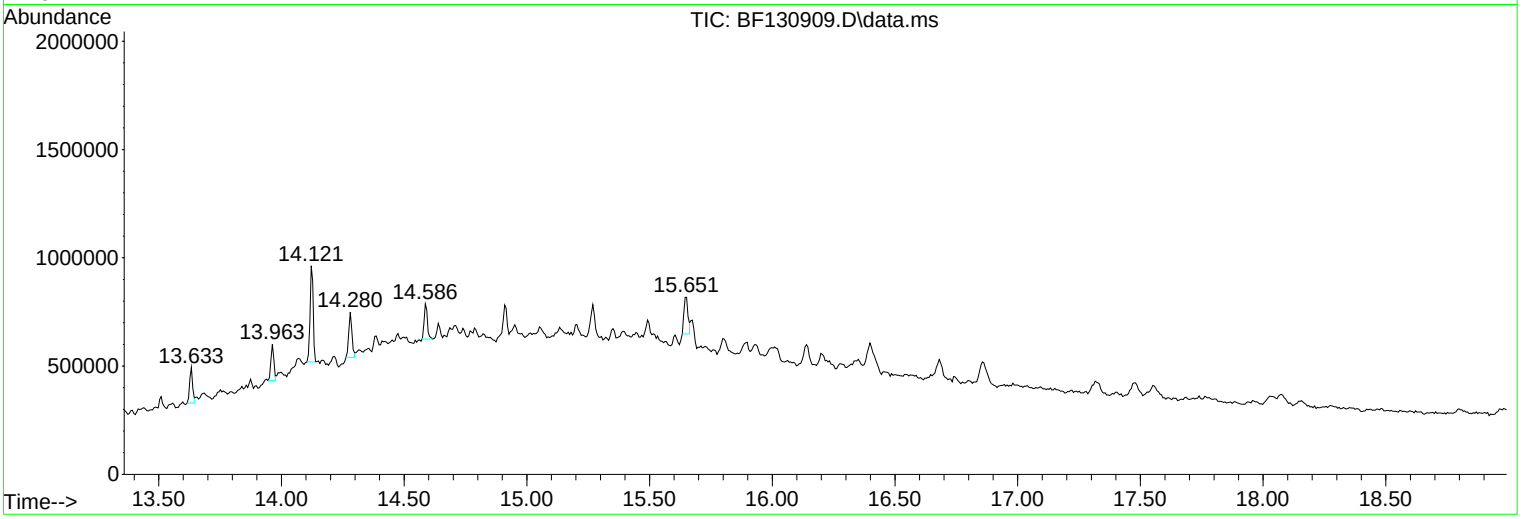
Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

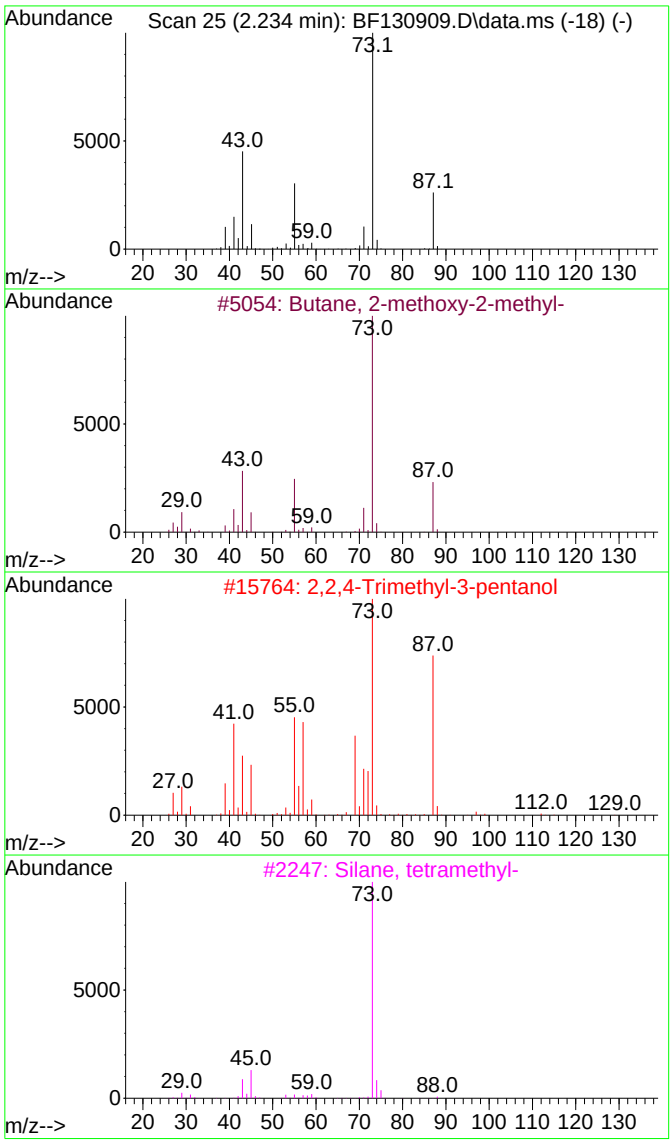
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

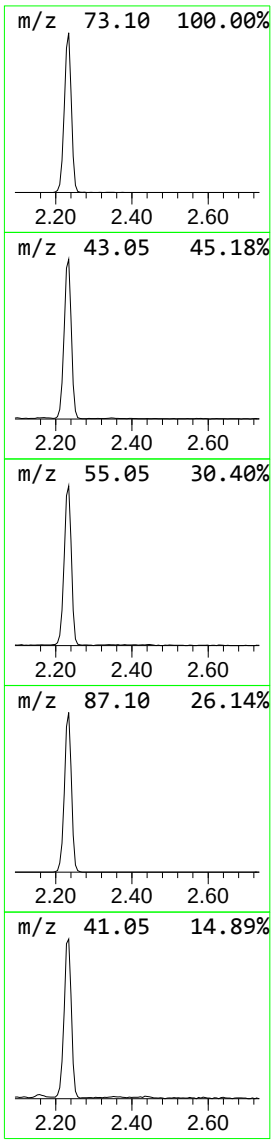
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.234	26.05 ng	1204350	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

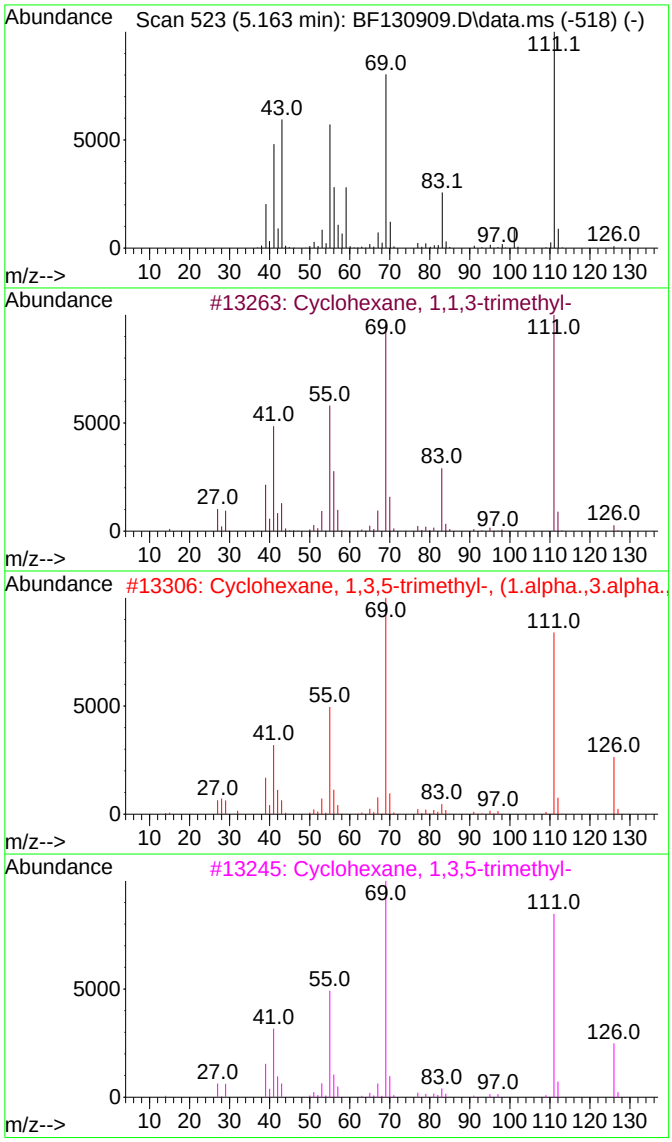
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

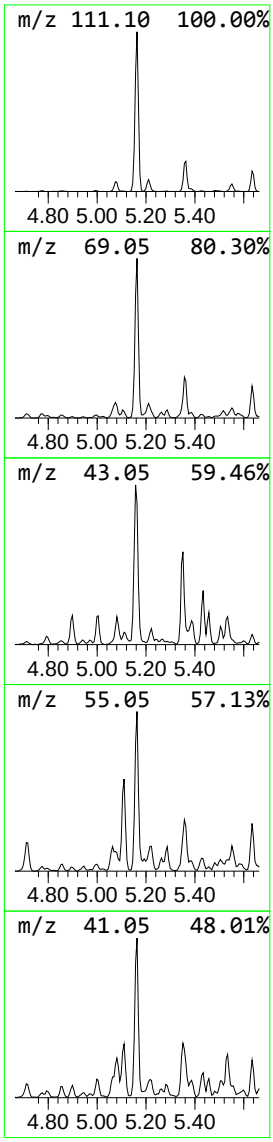
****

Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	19.15 ng	885220	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
4	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	59
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

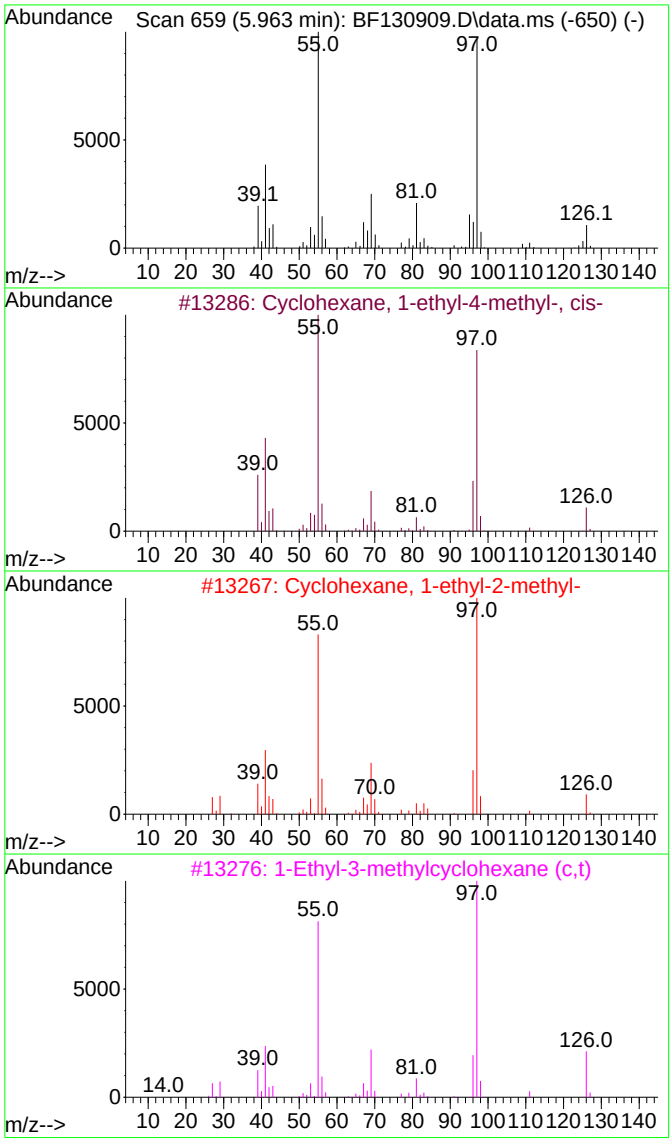
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

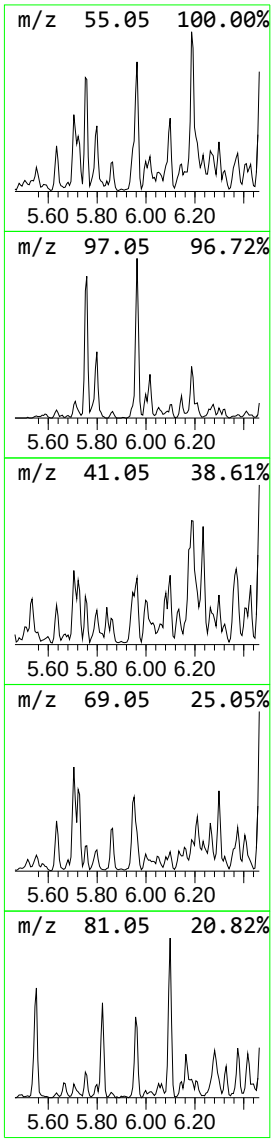
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.963	11.74 ng	542759	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	80
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	80
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

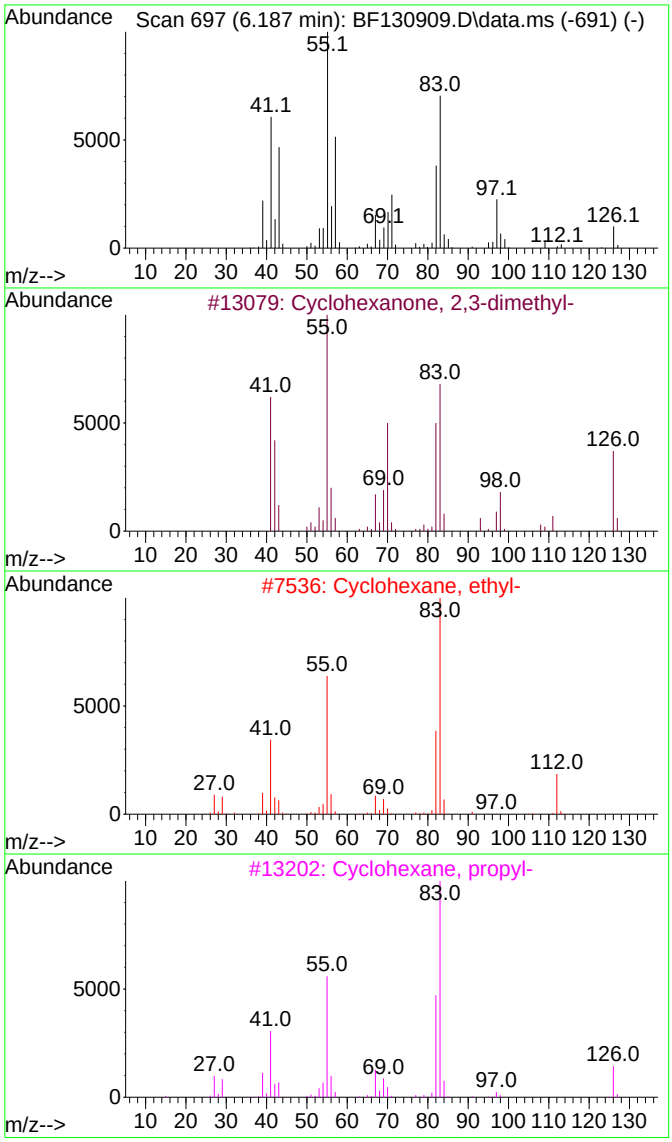
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

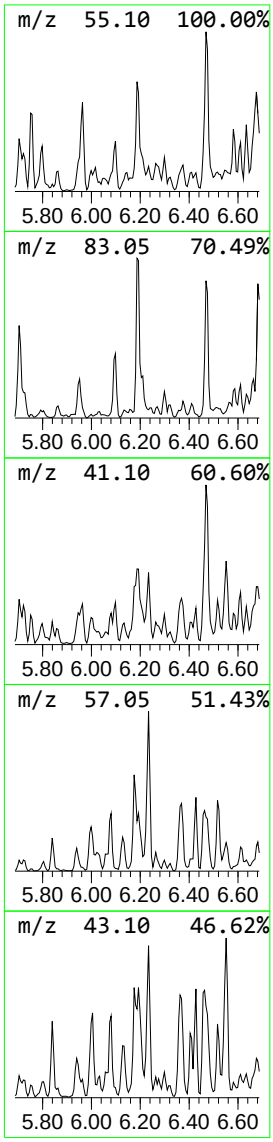
****

Peak Number 4 Cyclohexanone, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.187	20.20 ng	934104	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	58
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	46
4	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	46
5	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

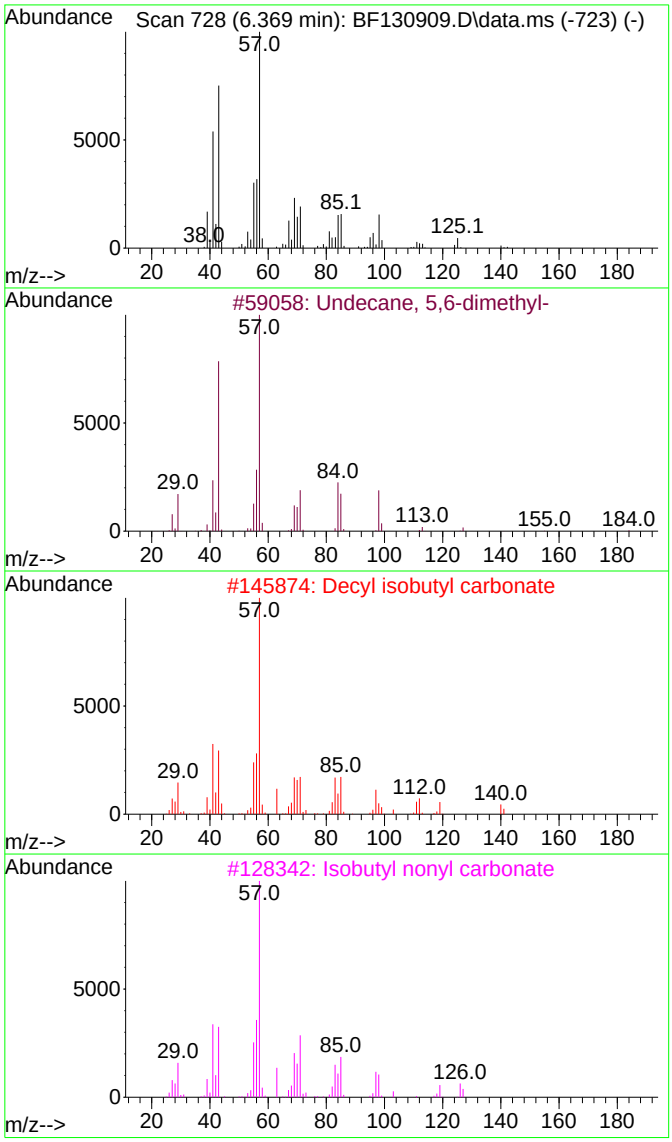
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

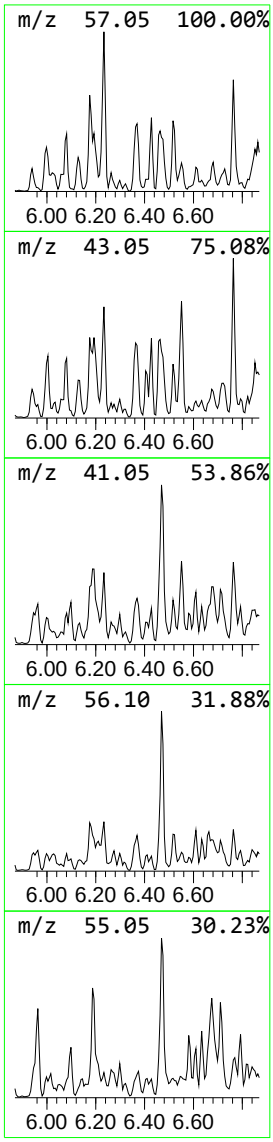
****

Peak Number 5 Undecane, 5,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.369	10.62 ng	490801	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
2	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	64
3	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

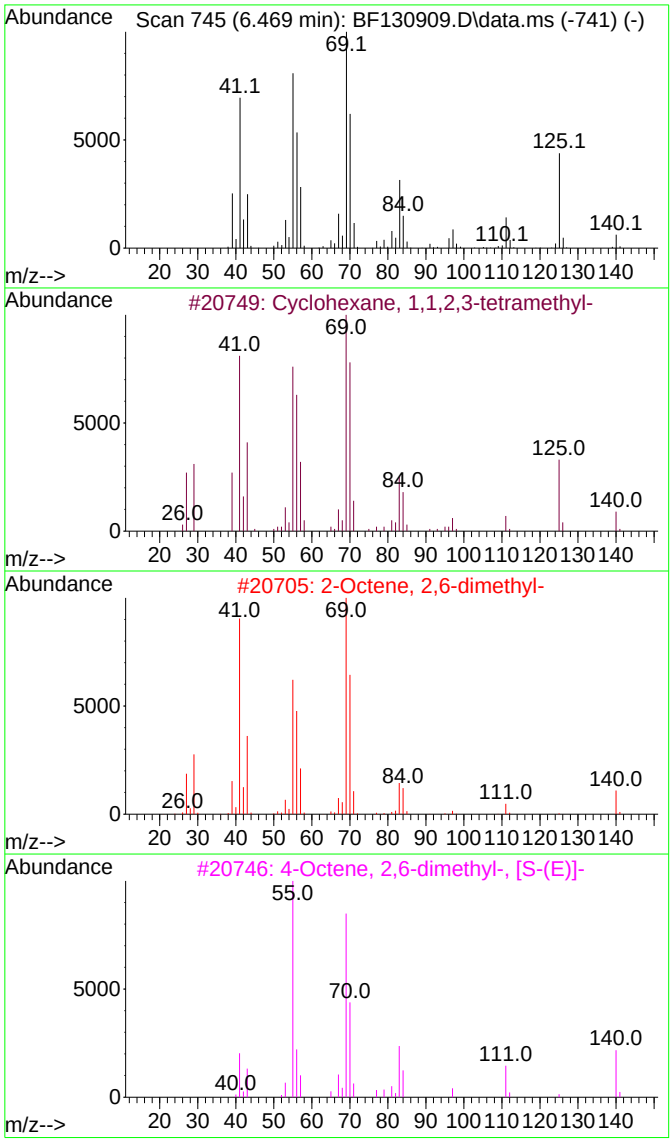
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

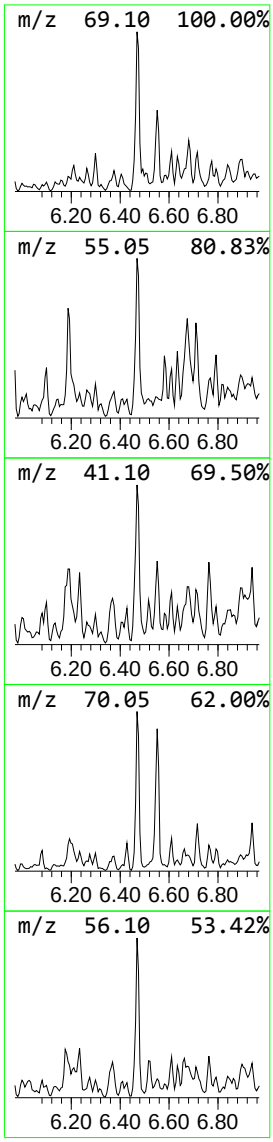
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.469	29.87 ng	1381280	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	76
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	70
4	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	52
5	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

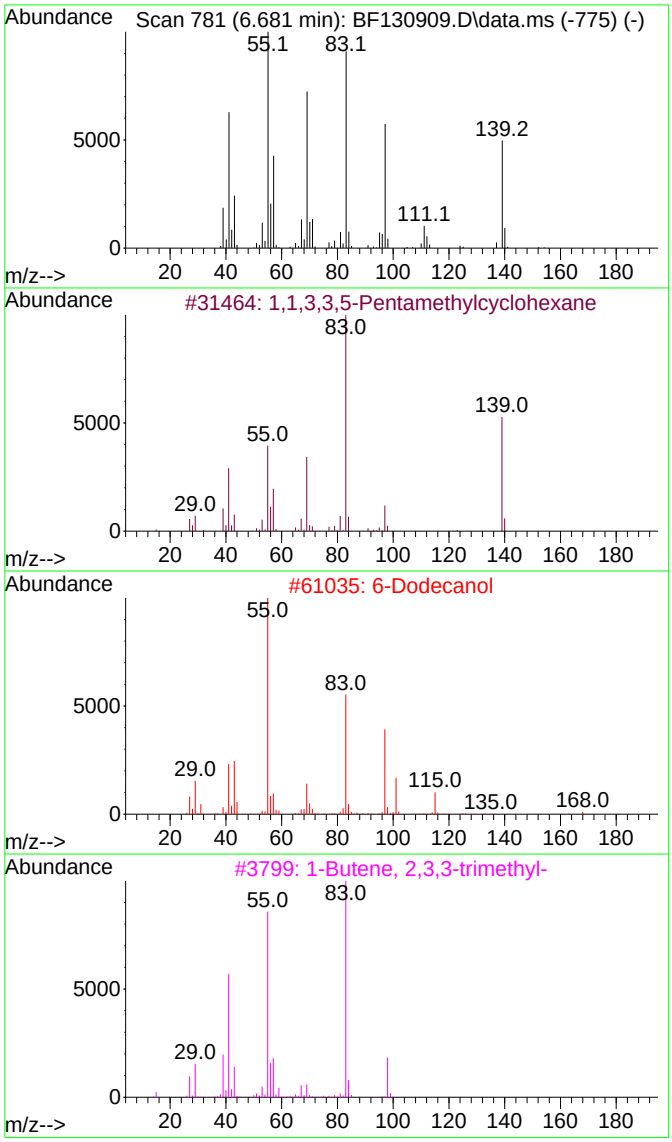
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

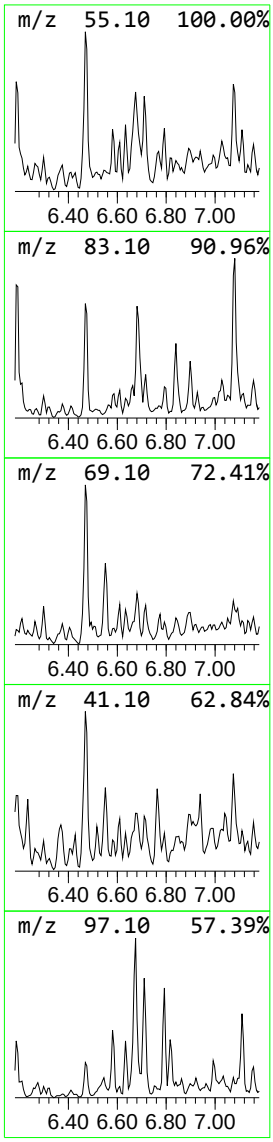
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1,3,3,5-Pentamethylcycloh... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.681	12.19 ng	563535	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,3,3,5-Pentamethylcyclohexane	154	C11H22	070810-19-4	59
2	6-Dodecanol	186	C12H26O	006836-38-0	47
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	38
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38
5	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

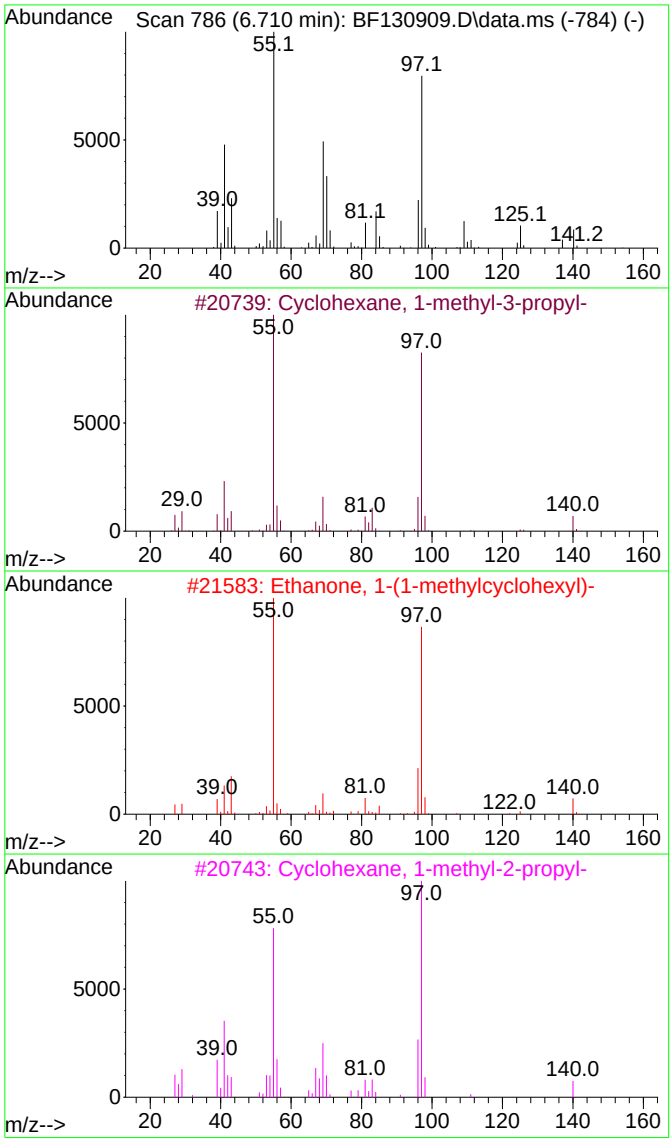
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

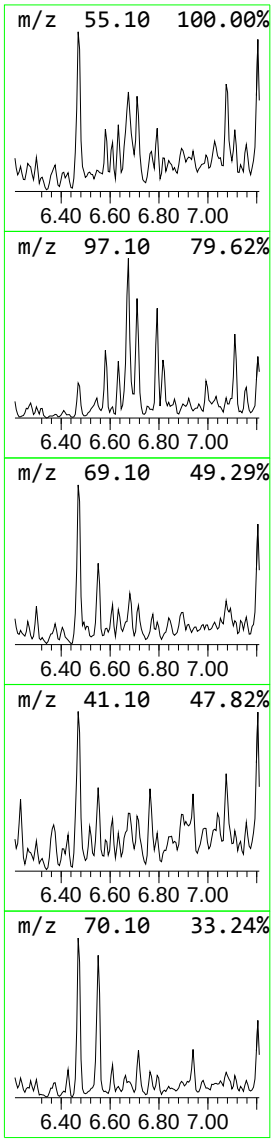
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1-methyl-3-pro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.710	10.00 ng	462595	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	62
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	58
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	58
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

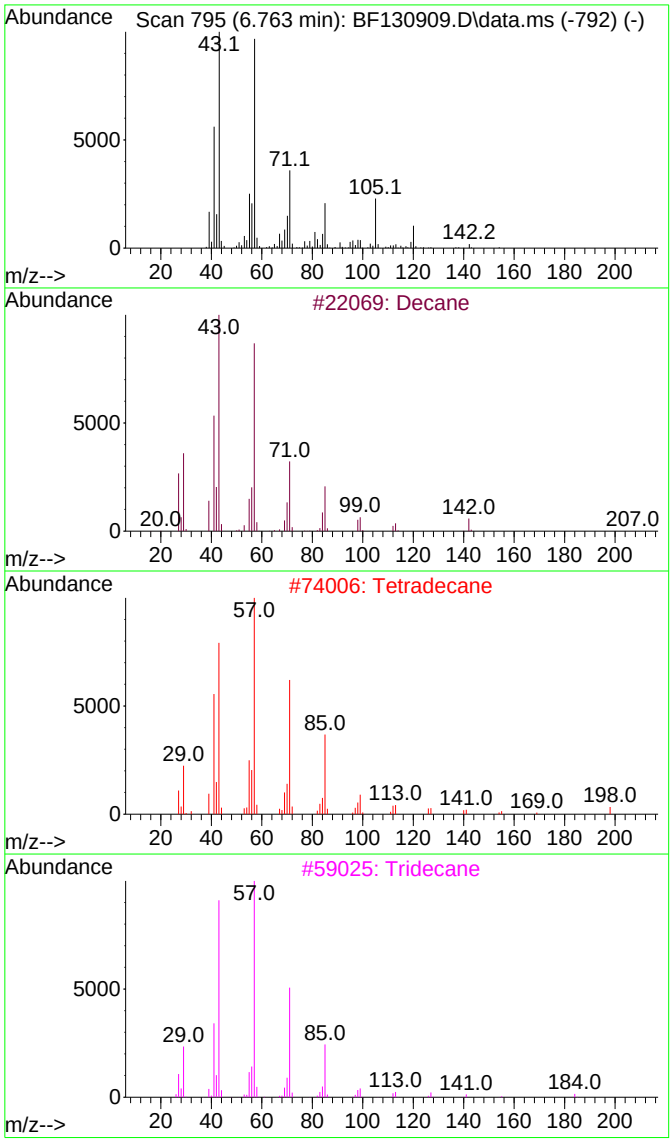
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

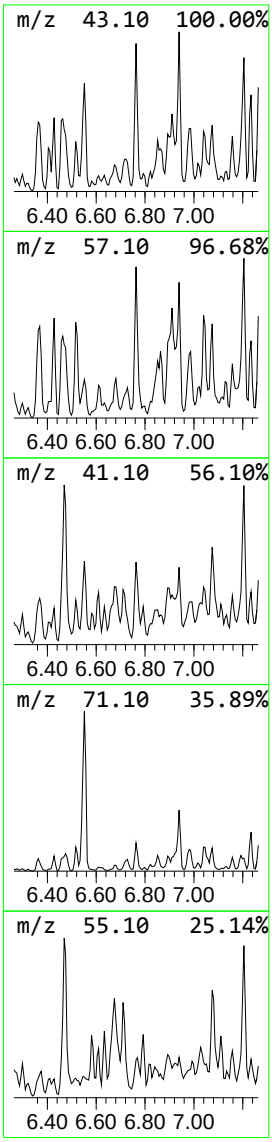
****

Peak Number 9 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.763	12.79 ng	591491	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	58
2	Tetradecane	198	C14H30	000629-59-4	53
3	Tridecane	184	C13H28	000629-50-5	50
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	49
5	Octane	114	C8H18	000111-65-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

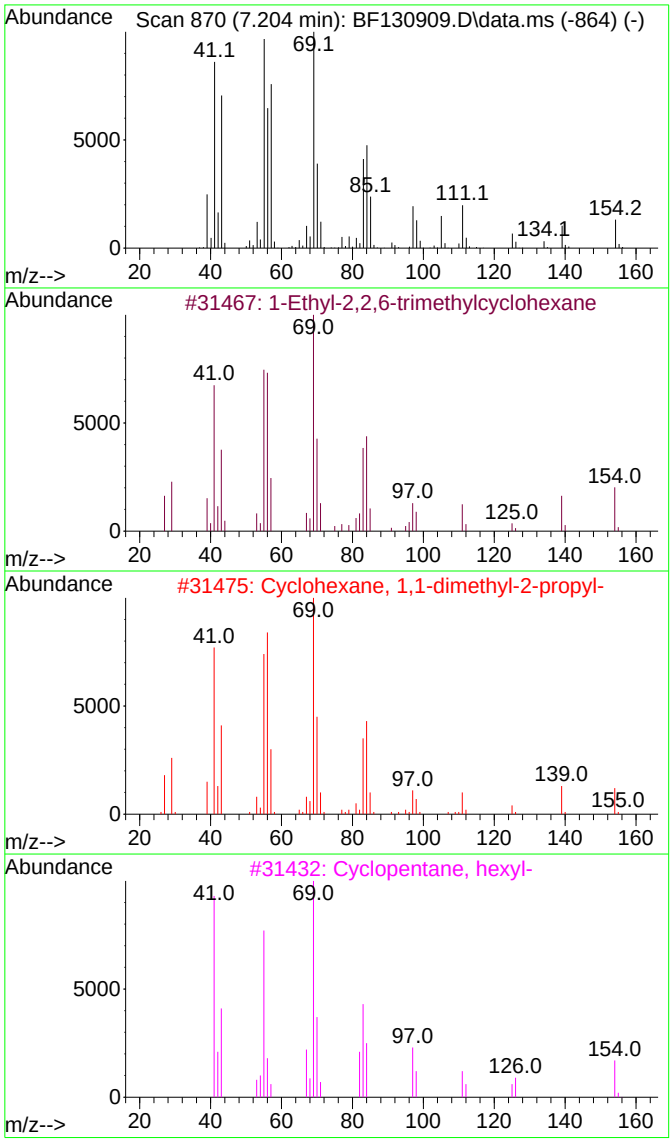
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

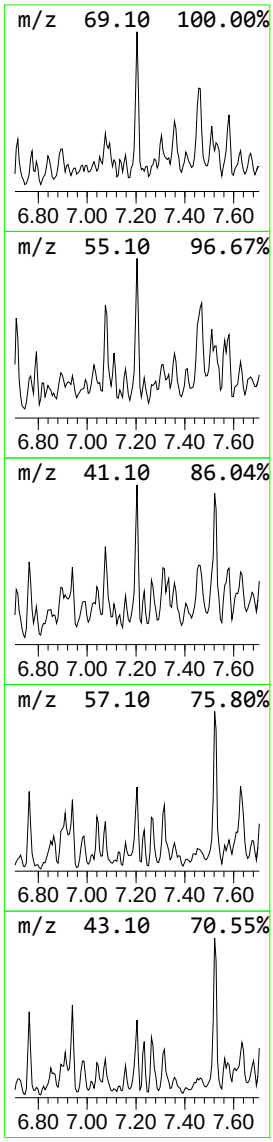
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	21.97 ng	1015710	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	90
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	74
3	Cyclopentane, hexyl-	154	C11H22	004457-00-5	64
4	5-Undecene	154	C11H22	004941-53-1	62
5	3-Undecene, (E)-	154	C11H22	001002-68-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

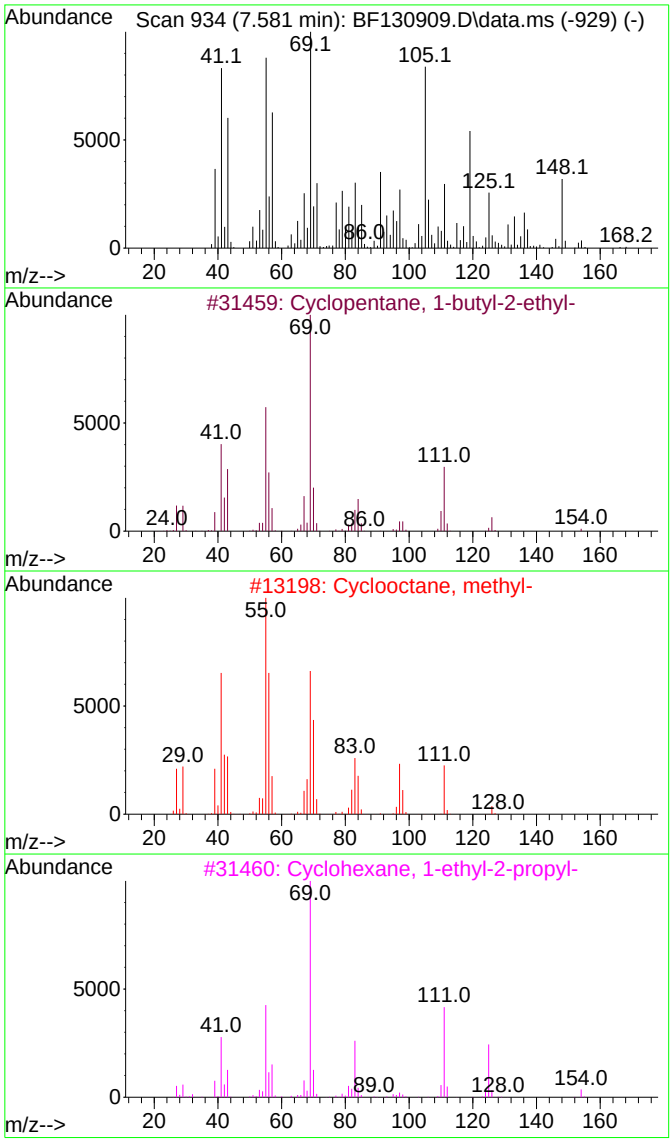
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

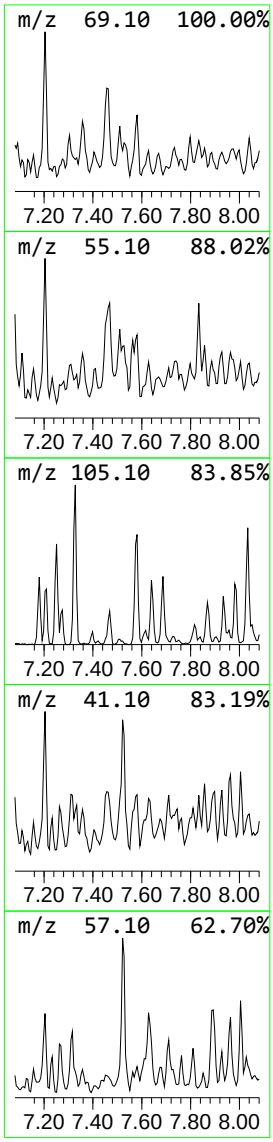
****

Peak Number 11 unknown7.581 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.581	22.42 ng	880990	Naphthalene-d8	8.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	42
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	35
3	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	27
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	27
5	Geranyl isovalerate	238	C15H26O2	000109-20-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

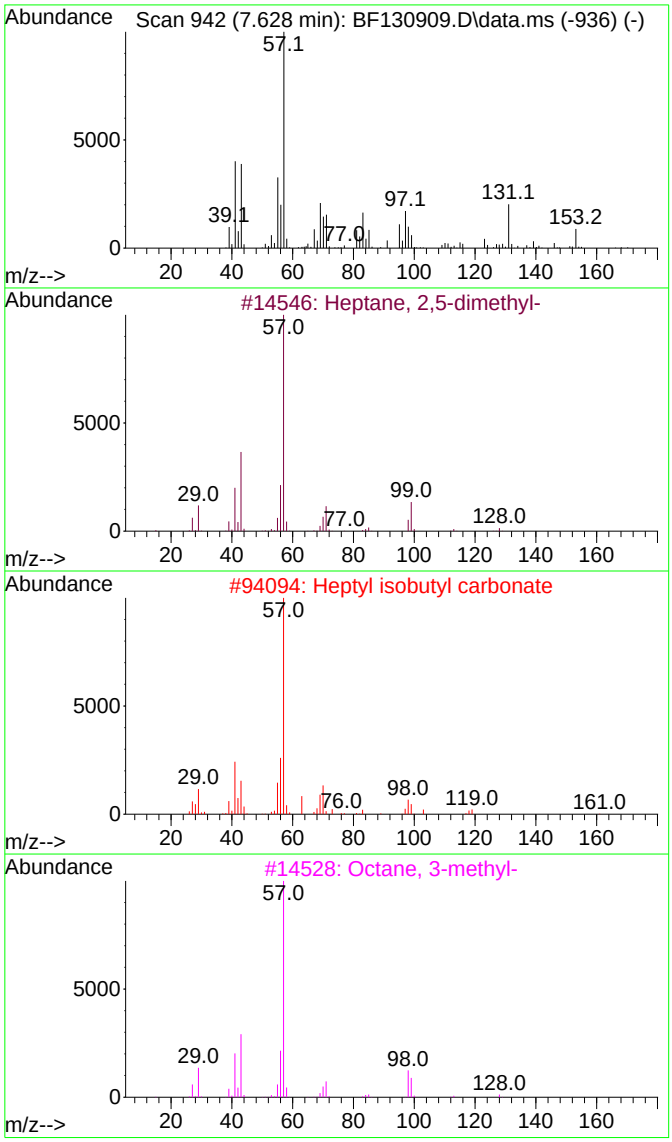
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

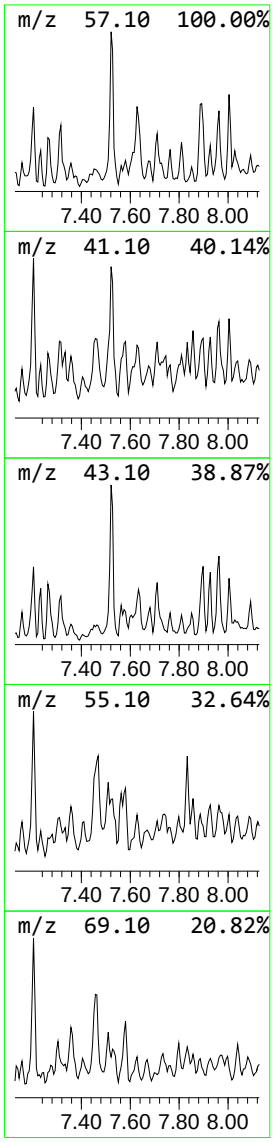
****

Peak Number 12 unknown7.628 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.628	19.98 ng	784855	Naphthalene-d8	8.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38
2	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	38
3	Octane, 3-methyl-	128	C9H20	002216-33-3	38
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38
5	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

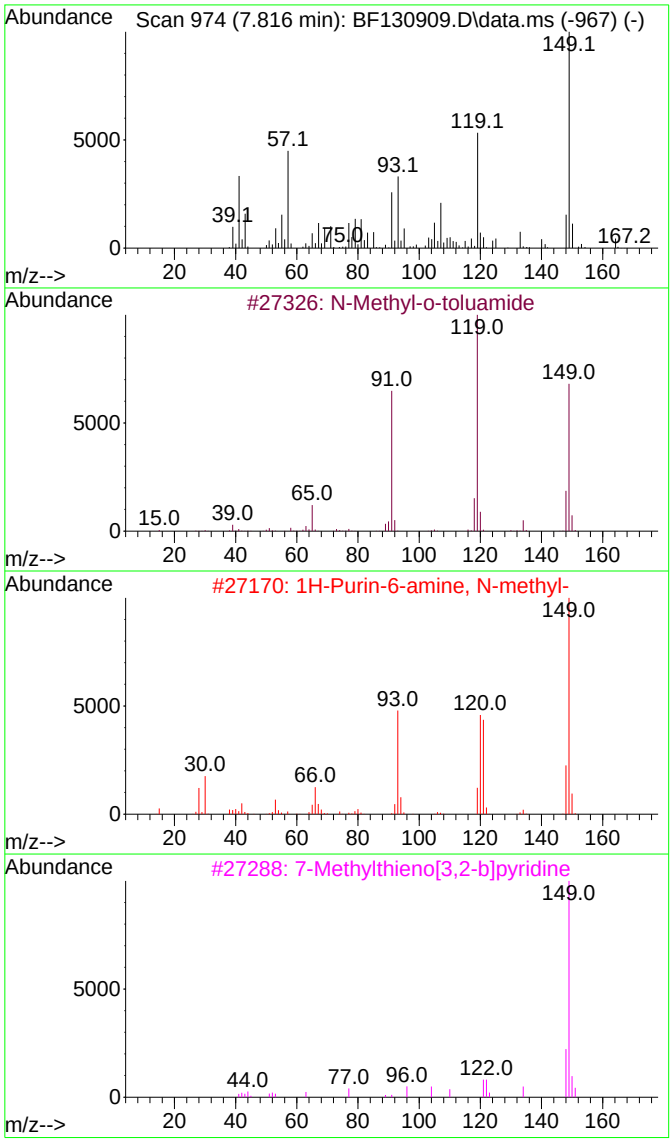
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

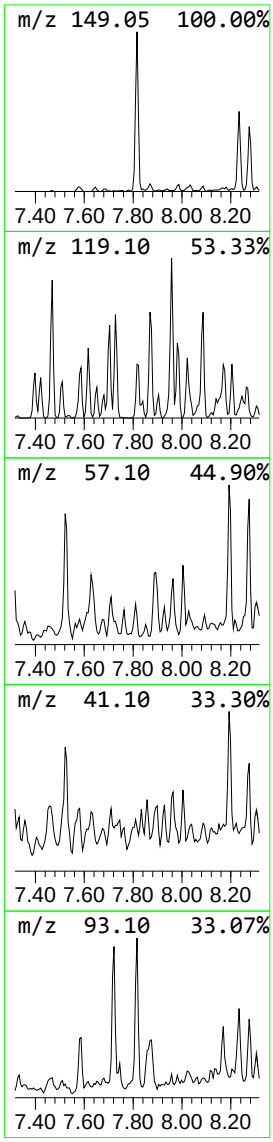
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown7.816 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.816	14.88 ng	584803	Naphthalene-d8	8.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Methyl-o-toluamide	149	C9H11NO	002170-09-4	49
2	1H-Purin-6-amine, N-methyl-	149	C6H7N5	000443-72-1	47
3	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	38
4	Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	38
5	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

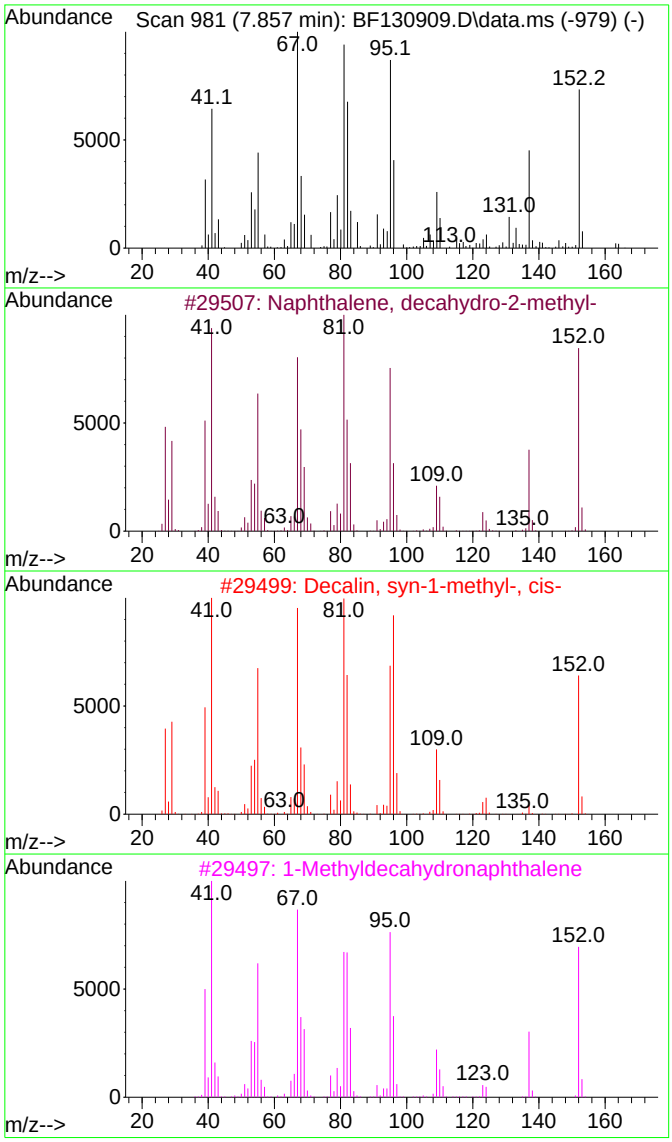
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

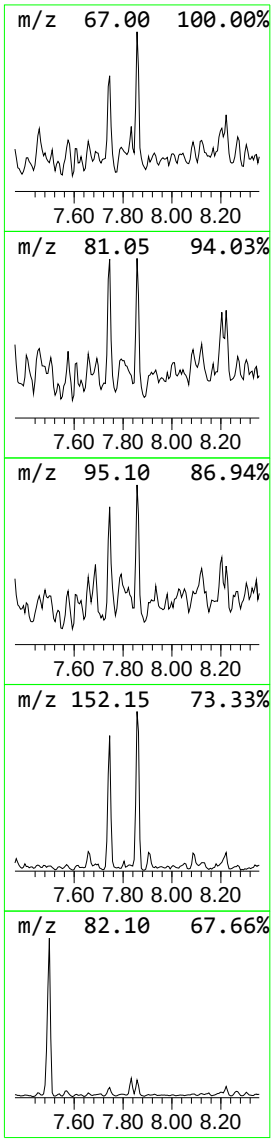
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, decahydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.857	19.35 ng	760371	Naphthalene-d8	8.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	90
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	89
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

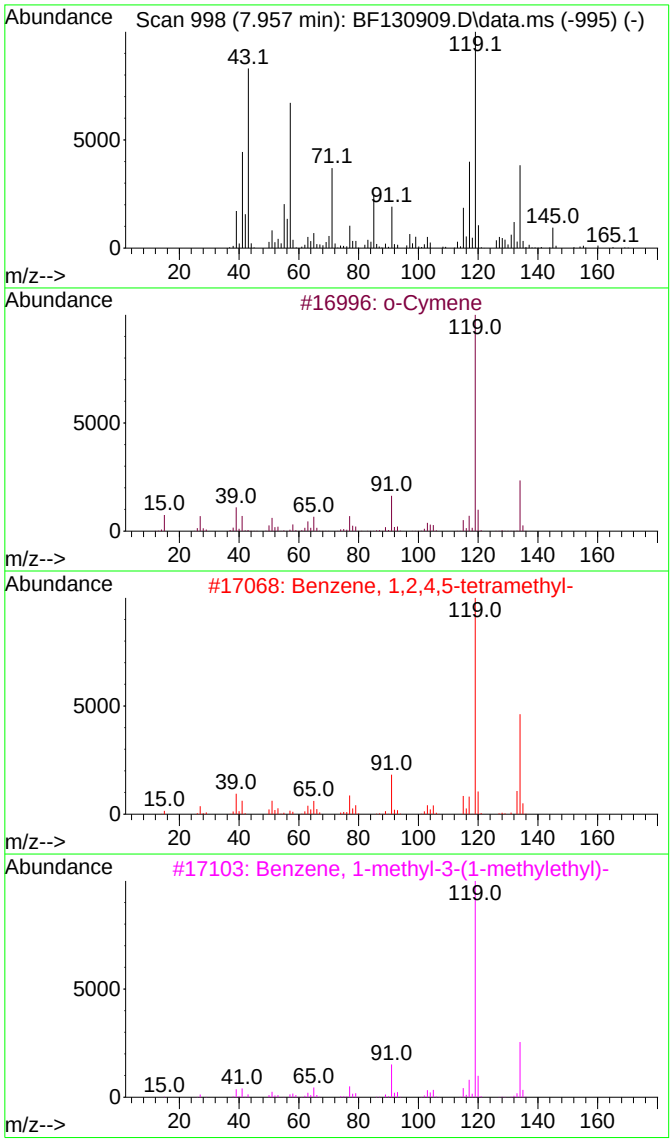
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

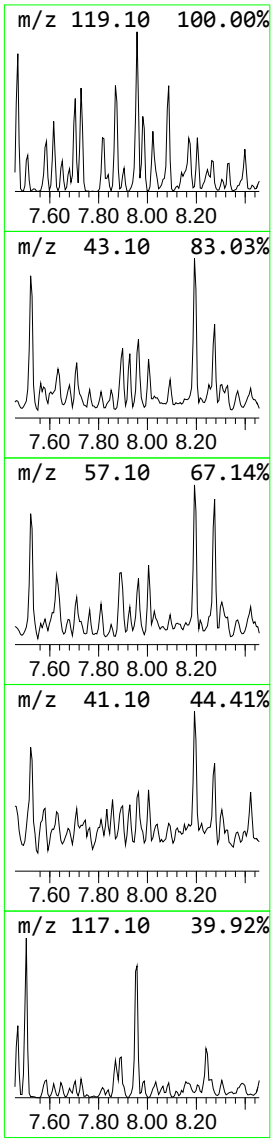
****

Peak Number 15 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.957	16.58 ng	651423	Naphthalene-d8	8.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	55
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	49
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

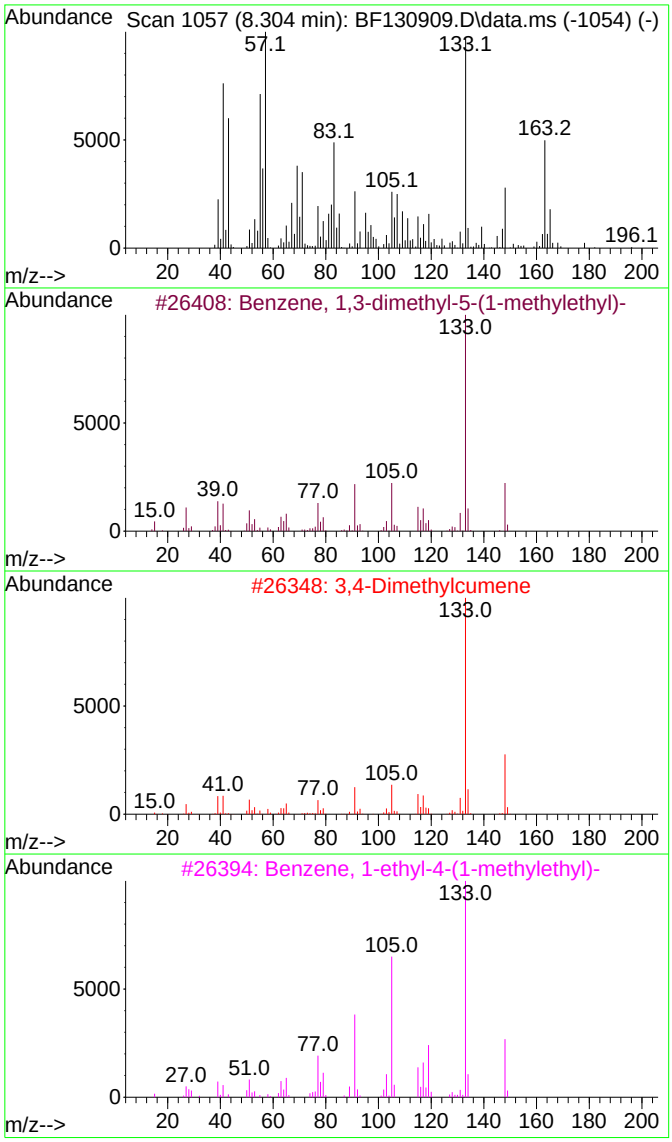
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

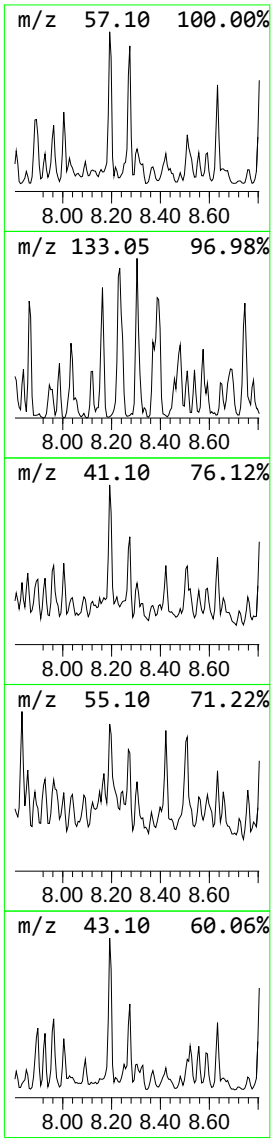
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.304	12.79 ng	502493	Naphthalene-d8	8.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	50
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	45
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	45
5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

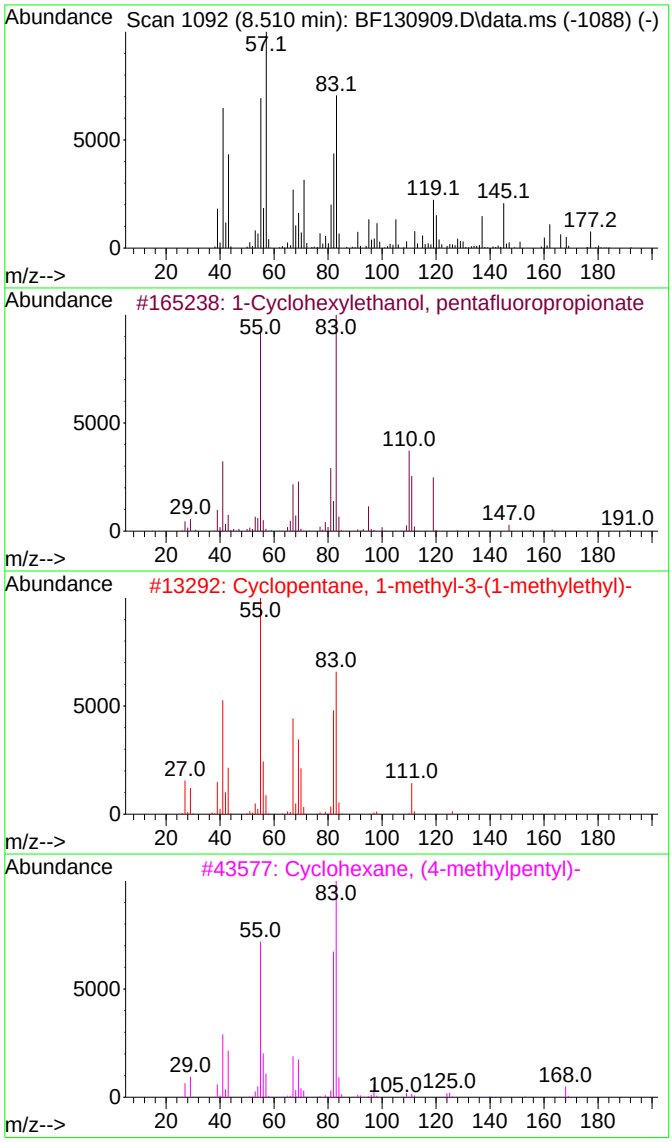
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

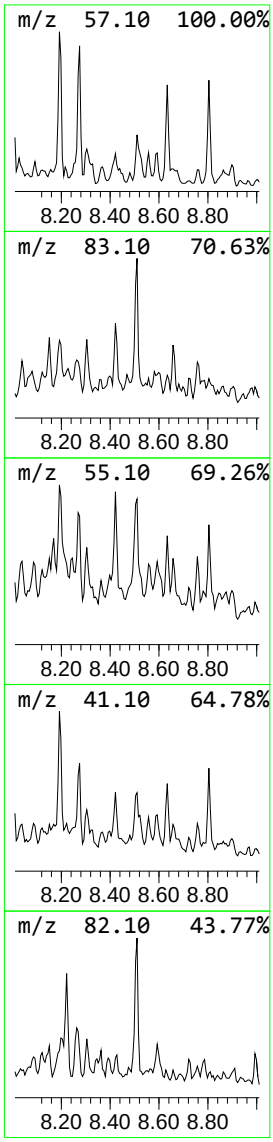
****

Peak Number 17 unknown8.510 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.510	18.67 ng	733596	Naphthalene-d8	8.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	30
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	30
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	30
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	27
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

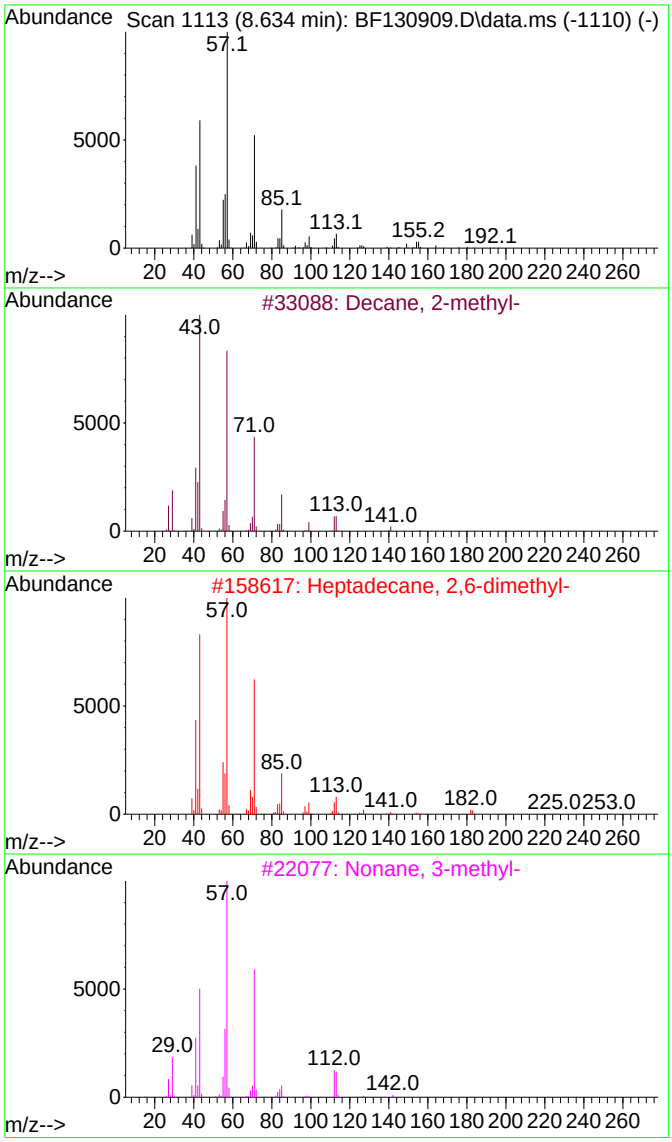
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

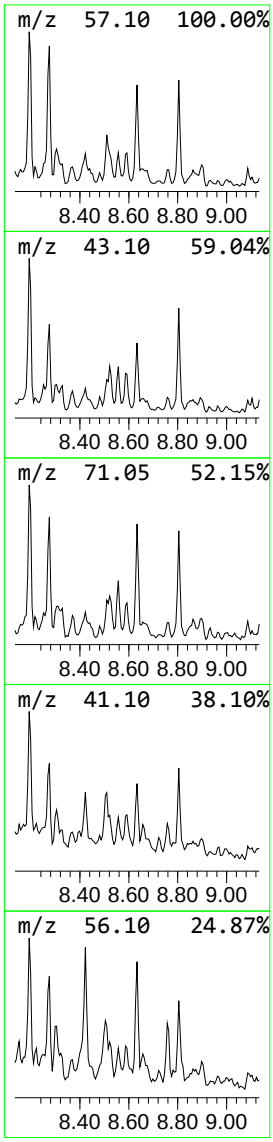
****

Peak Number 18 Decane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.634	10.11 ng	397362	Naphthalene-d8	8.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	80
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

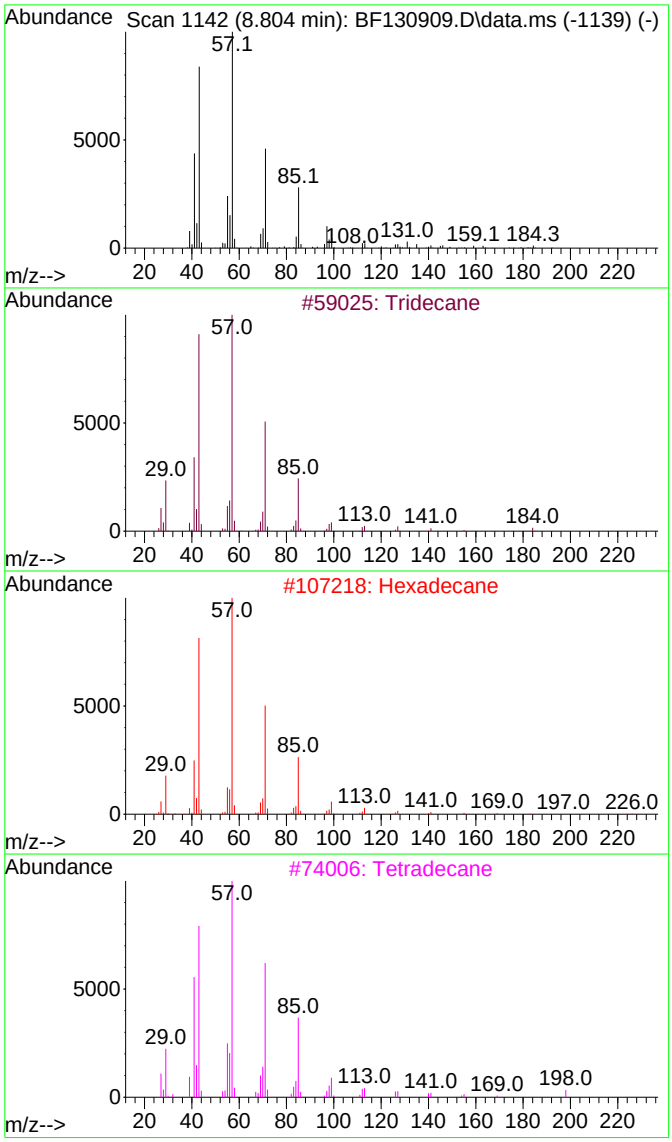
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

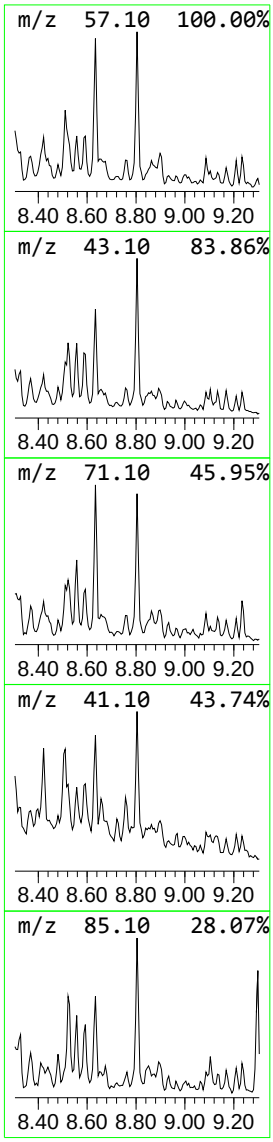
****

Peak Number 19 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.804	12.38 ng	486268	Naphthalene-d8	8.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane	170	C12H26	000112-40-3	86
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

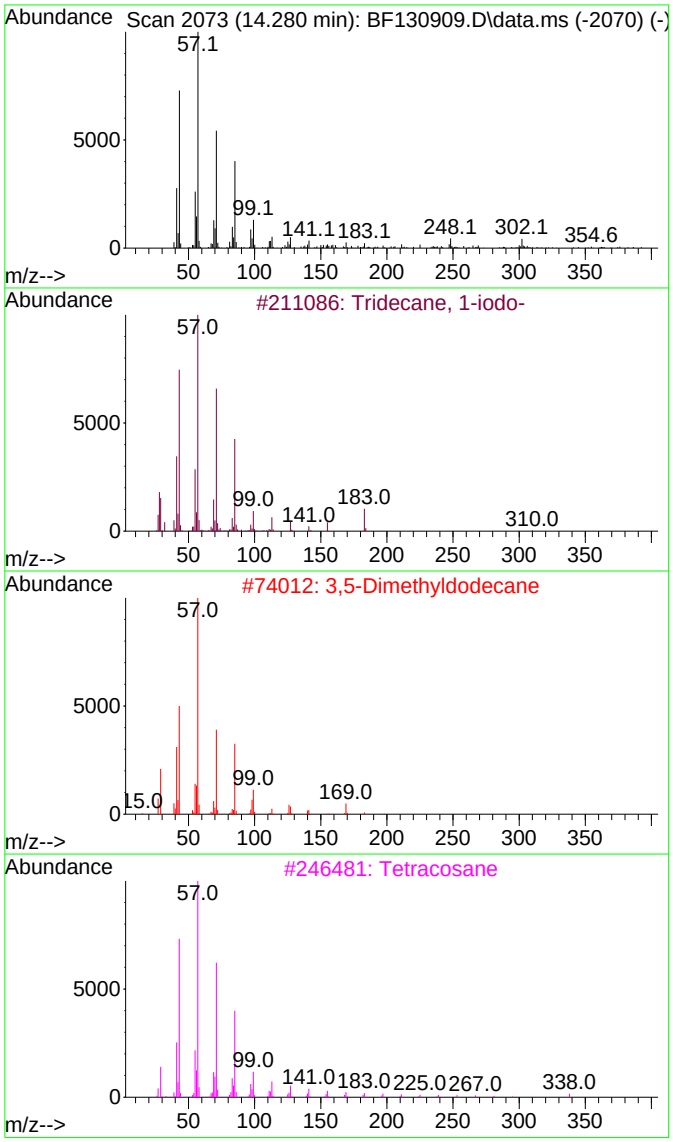
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

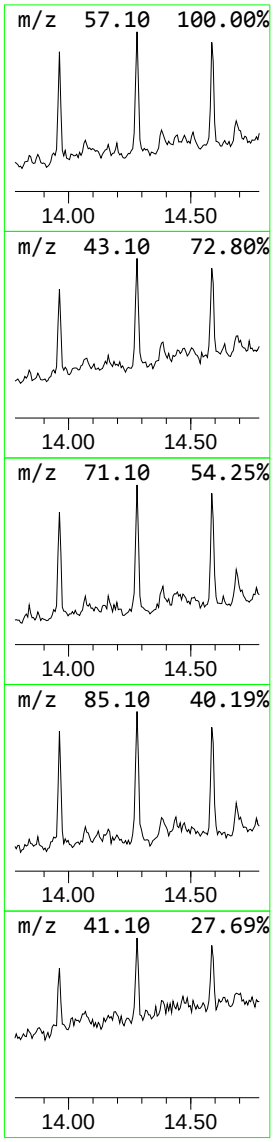
****

Peak Number 20 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	9.88 ng	191561	Chrysene-d12	14.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	83
5	Eicosane	282	C20H42	000112-95-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130909.D
Acq On : 01 Nov 2022 19:59
Operator : CG\JU
Sample : N5234-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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...	2.234	26.1	ng	1204350	1	6.934	924734	20.0
Cyclohexane, 1,...	5.163	19.1	ng	885220	1	6.934	924734	20.0
Cyclohexane, 1-...	5.963	11.7	ng	542759	1	6.934	924734	20.0
Cyclohexanone, ...	6.187	20.2	ng	934104	1	6.934	924734	20.0
Undecane, 5,6-d...	6.369	10.6	ng	490801	1	6.934	924734	20.0
Cyclohexane, 1,...	6.469	29.9	ng	1381280	1	6.934	924734	20.0
1,1,3,3,5-Penta...	6.681	12.2	ng	563535	1	6.934	924734	20.0
Cyclohexane, 1-...	6.710	10.0	ng	462595	1	6.934	924734	20.0
Decane	6.763	12.8	ng	591491	1	6.934	924734	20.0
1-Ethyl-2,2,6-t...	7.204	22.0	ng	1015710	1	6.934	924734	20.0
unknown7.581	7.581	22.4	ng	880990	2	8.222	785815	20.0
unknown7.628	7.628	20.0	ng	784855	2	8.222	785815	20.0
unknown7.816	7.816	14.9	ng	584803	2	8.222	785815	20.0
Naphthalene, de...	7.857	19.4	ng	760371	2	8.222	785815	20.0
o-Cymene	7.957	16.6	ng	651423	2	8.222	785815	20.0
Benzene, 1,3-di...	8.304	12.8	ng	502493	2	8.222	785815	20.0
unknown8.510	8.510	18.7	ng	733596	2	8.222	785815	20.0
Decane, 2-methyl-	8.634	10.1	ng	397362	2	8.222	785815	20.0
Tridecane	8.804	12.4	ng	486268	2	8.222	785815	20.0
Tridecane, 1-iodo-	14.280	9.9	ng	191561	5	14.121	387738	20.0